



## MASTER INDEX

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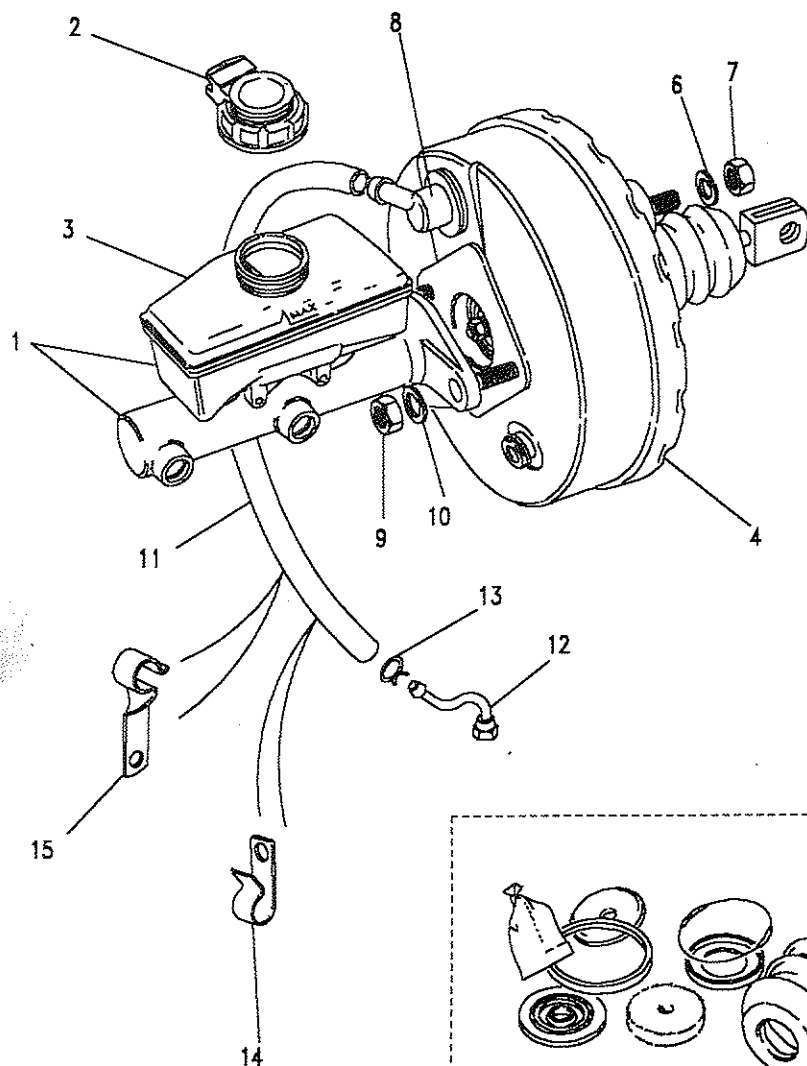
## GROUP H

## BRAKES

## BRAKES

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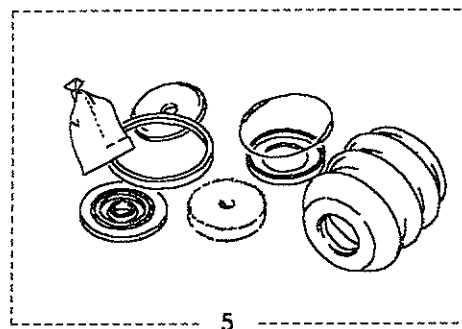
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### BRAKES - BRAKE MASTER CYLINDER AND SERVO

| III. Part No.            | Description             | Qty | Remarks          |
|--------------------------|-------------------------|-----|------------------|
| <b>Upto VIN HA701009</b> |                         |     |                  |
| 1 NRC9529                | Master cylinder brake   | 1   |                  |
| 2 NTC4414                | Cap master cylinder     | 1   |                  |
| 3 RTC3388                | Kit fluid reservoir     | 1   |                  |
| AEU1044                  | Pin                     | 2   |                  |
| RTC3387                  | Kit master cylinder     | 1   |                  |
| NRC9233                  | Seal-servo to pedal box | 1   |                  |
| 4 NRC4775                | Servo assembly          | 1   | Note(1)          |
| NRC4772                  | Servo assembly          | 1   | Note(2)          |
| 5 18G8951L               | Kit servo repair        | 1   | Type 50          |
| AEU2741                  | Kit servo repair        | 1   | Type 80          |
| 6 WL108001L              | Washer spring           | 4   |                  |
| 7 FN108041L              | Nut                     | 4   |                  |
| 8 18G8953L               | Valve non return        | 1   |                  |
| 9 NH110041L              | Nut                     | 2   |                  |
| 10 WL110001L             | Washer spring           | 2   |                  |
| 11 CRC2131               | Vacuum hose 930mm       | 1   |                  |
| NTC3372                  | Vacuum hose 1560mm      | 1   | Diesel Turbo-LHS |
| NTC3372                  | Vacuum hose 1560mm      | 1   | 200Tdi-LHS       |
| CRC2135                  | Vacuum Hose 1092mm      | 1   | V8-RHS           |
| 12 569714                | Adaptor pipe            | 1   | 4 Cyl Petrol     |

Note(1) Type 50 - 227mm diameter, non return valve aperture at bottom, right of centre

Note(2) Type 80 - 276mm diameter, non return valve aperture at top, left of centre





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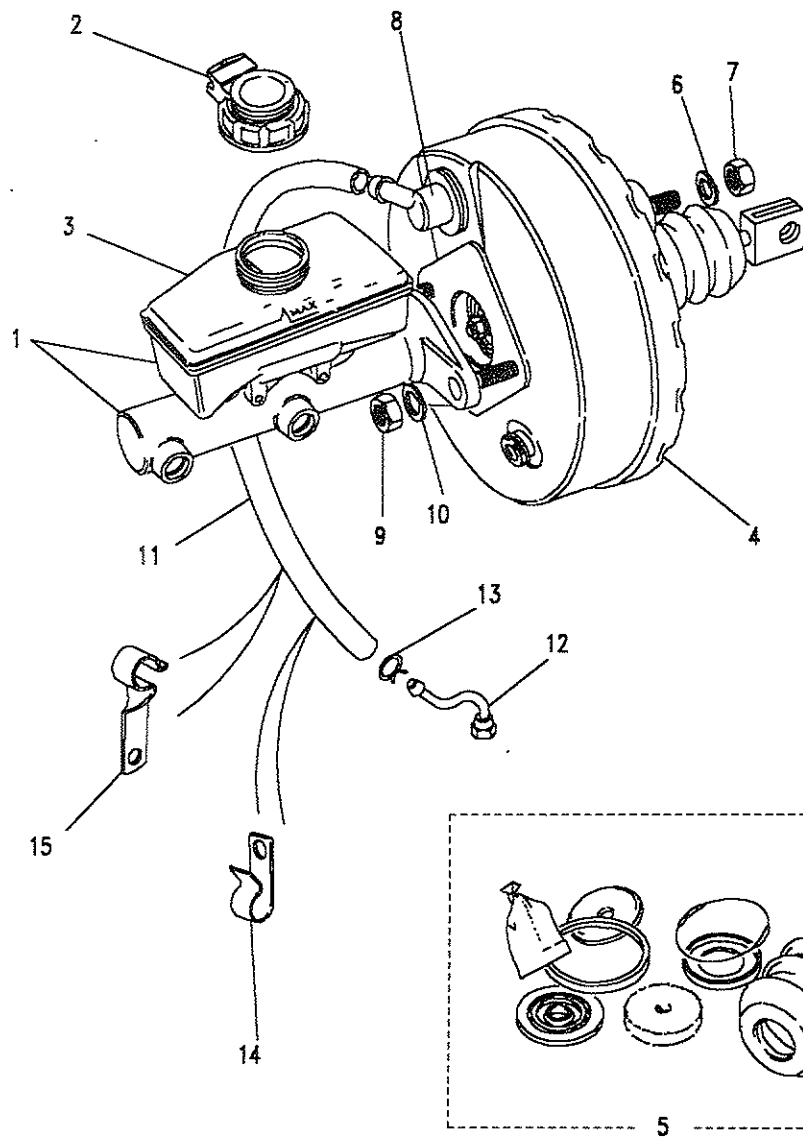
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BRAKES

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BRAKES - BRAKE MASTER CYLINDER AND SERVO



| III. Part No. | Description         | Qty | Remarks          |
|---------------|---------------------|-----|------------------|
| 13 572548     | Clamp hose          | 2   |                  |
| CS600244L     | Clamp hose          | 2   | Diesel Turbo-LHS |
| 568680        | Cable tie           | 3   | Diesel Turbo-LHS |
| CS600244L     | Clamp hose          | 2   | 200Tdi-LHS       |
| 568680        | Cable tie           | 3   | 200Tdi-LHS       |
| 14 240407     | Clip hose           | 1   | 4 Cyl Petrol     |
| 15 614617     | Clip hose           | 1   | V8               |
| NRC9338       | Clip hose           | 1   | Diesel Turbo LHS |
| NRC9338       | Clip hose           | 1   | 200Tdi-LHS       |
| 345662        | Clip-low fluid hose | 1   |                  |

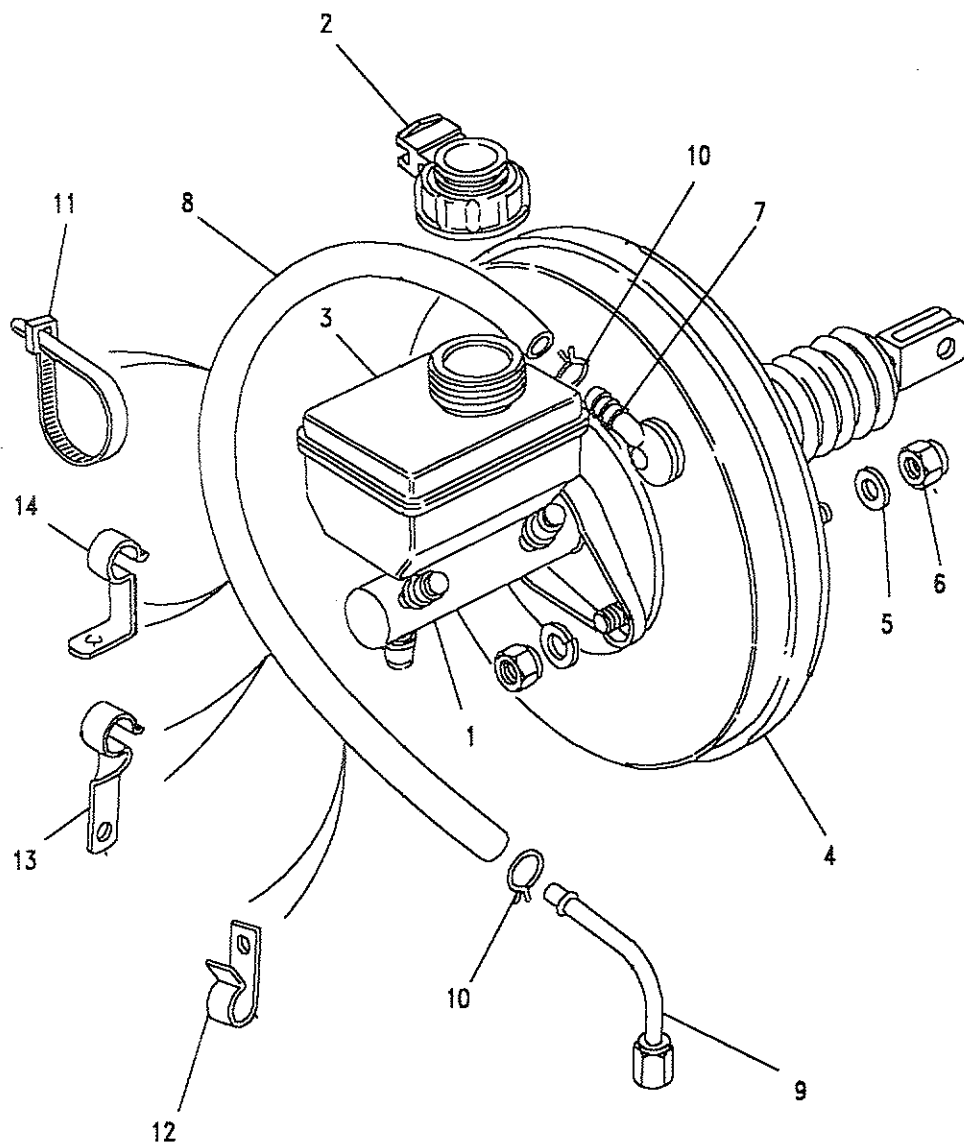


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### BRAKES - BRAKE MASTER CYLINDER AND SERVO

| III. Part No.            | Description            | Qty | Remarks        |
|--------------------------|------------------------|-----|----------------|
| <b>From VIN HA701010</b> |                        |     |                |
| 1 STC441                 | Master cylinder brake  | 1   |                |
| 2 NTC4414                | Cap Master cylinder    | 1   |                |
| 3 STC492                 | Kit fluid reservoir    | 1   |                |
| 4 STC491                 | Kit master cylinder    | 1   |                |
| 5 STC442                 | Servo assembly         | 1   | Note(1)        |
| 6 WA108051L              | Washer plain           | 4   |                |
| 7 NY108041L              | Nut                    | 4   |                |
| 8 STC493                 | Valve non return       | 1   |                |
| 9 ANR2783                | Vacuum hose RHS        | 1   | 300Tdi Note(2) |
| 10 ANR2784               | Vacuum hose LHS        | 1   | 300Tdi Note(2) |
| 11 CRC2131               | Vacuum Hose 930mm      | 1   |                |
| 12 NTC3372               | Vacuum Hose LHS 1560mm | 1   | 200TdiNote(1)  |
| 13 CRC2135               | Vacuum Hose 1092mm     | 1   | V8-RHS         |
| 14 569714                | Adaptor pipe           | 1   | 4 Cyl Petrol   |
| 15 572548                | Clamp hose             | 2   |                |
| 16 CS600244L             | Clamp hose             | 2   | 200Tdi-LHS     |
| 17 568680                | Cable tie              | 3   | 200Tdi-LHS     |
| 18 240407                | Clip hose              | 1   | 4 Cyl Petrol   |
| 19 614617                | Clip hose              | 1   | V8             |
| 20 NRC9338               | Clip hose              | 1   | 200Tdi-LHS     |

Note(1) From HA701011, up to LA939975  
 Note(2) From MA939976  
 Note(3) There is no repair kit for the Servo Assembly



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### BRAKES - VACUUM HOSES - AIR CONDITIONING

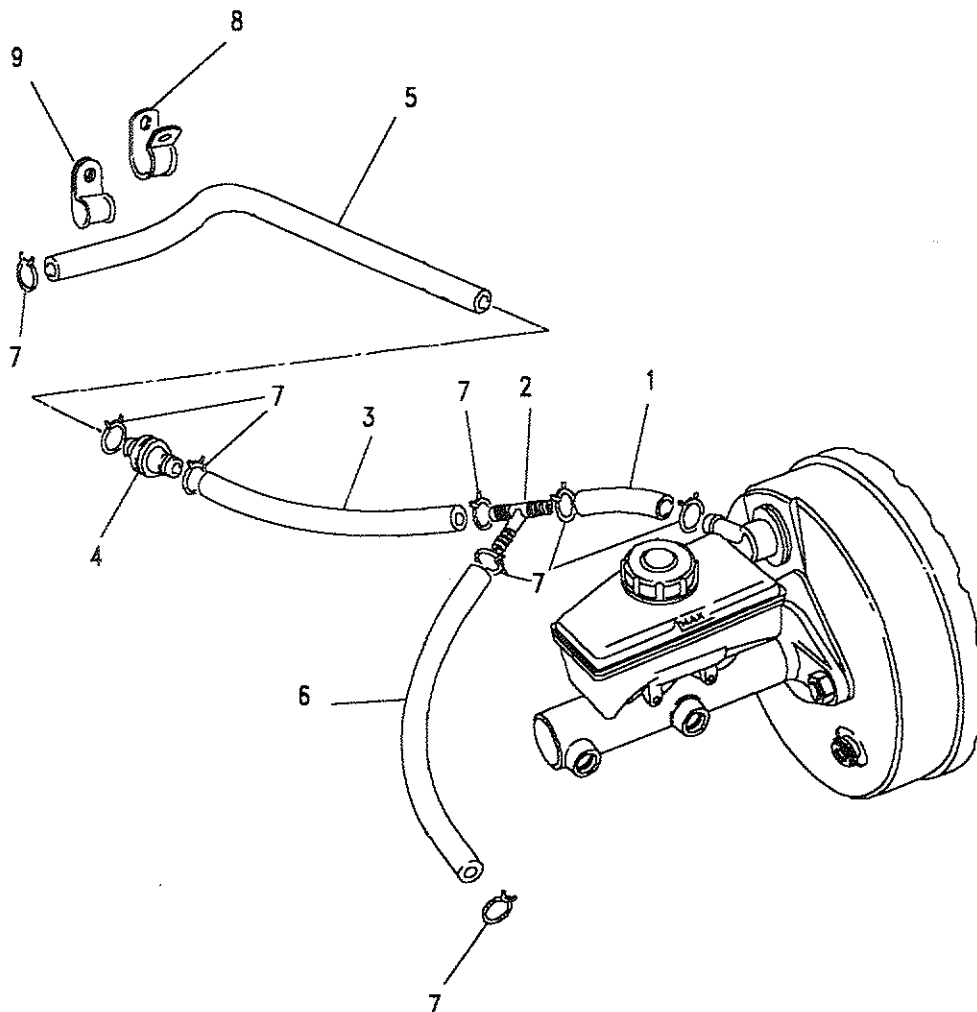
#### III. Part No.

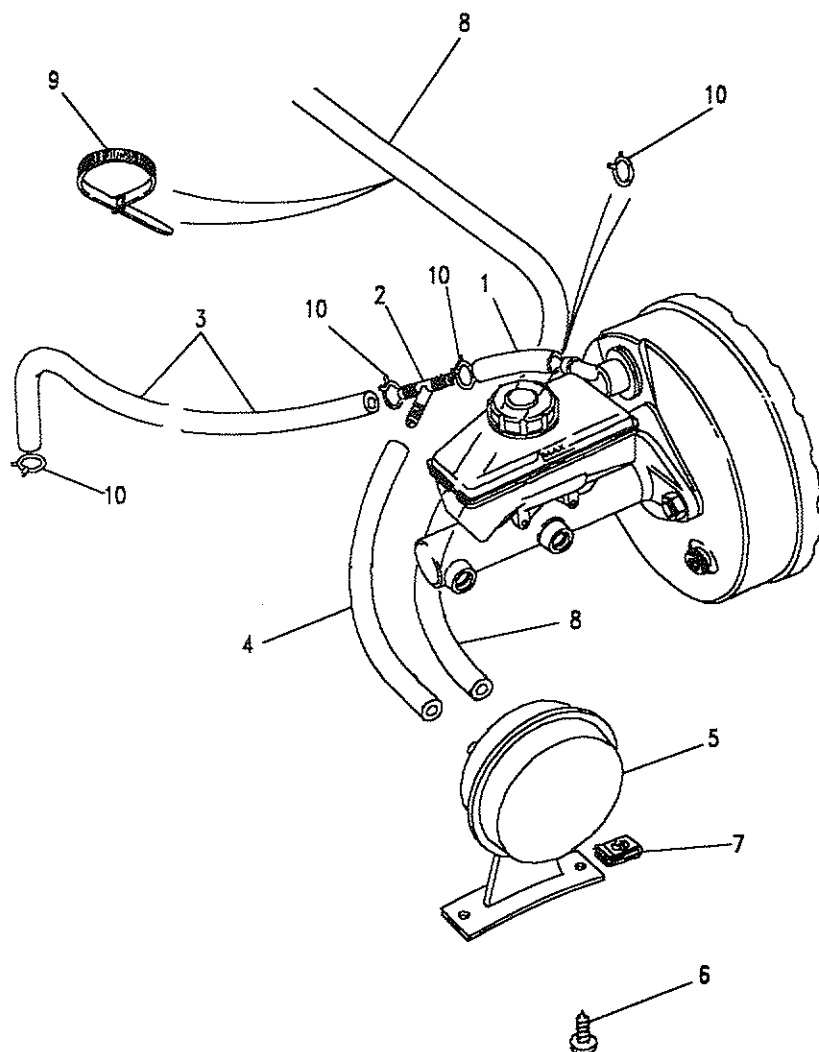
#### Description

#### Qty Remarks

#### Upto VIN 273531

|   |           |                           |   |              |
|---|-----------|---------------------------|---|--------------|
| 1 | NRC8349   | Vacuum hose               | 1 | Petrol       |
|   | CRC2131   | Vacuum hose               | 1 | Diesel       |
|   | CRC2135   | Vacuum hose               | 1 | Diesel Turbo |
| 2 | 592443    | Tee piece                 | 1 |              |
| 3 | NRC8629   | Vacuum hose               | 1 | Petrol       |
|   | CRC2134   | Vacuum hose               | 1 | Diesel       |
|   | CRC2131   | Vacuum hose               | 1 | Diesel Turbo |
| 4 | NRC8593   | Valve one way             | 1 |              |
| 5 | NRC8352   | Vacuum hose-heater/cooler | 1 | Petrol       |
|   | CRC2131   | Vacuum hose-heater/cooler | 1 | Diesel       |
|   | CRC2131   | Vacuum hose-heater/cooler | 1 | Diesel Turbo |
| 6 | CRC2133   | Vacuum hose-engine        | 1 | 4 Cyl Petrol |
|   | NRC8352   | Vacuum hose-engine        | 1 | V8           |
|   | CRC2144   | Vacuum hose-pump          | 1 | Diesel       |
|   | CRC2131   | Vacuum hose-pump          | 1 | Diesel Turbo |
| 7 | CS600244L | Clamp hose                | 8 |              |
| 8 | CP105121L | Clip                      | 1 | Petrol       |
| 9 | 56667     | Clip                      | 1 | Diesel       |





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**BRAKES - VACUUM HOSE - AIR CONDITIONING**

| III. Part No.          | Description | Qty | Remarks           |
|------------------------|-------------|-----|-------------------|
| <b>From VIN 273532</b> |             |     |                   |
| 1                      | NRC8349     | 1   | LHS               |
|                        | CRC2131     | 1   | RHS               |
| 2                      | MUC4865     | 1   |                   |
| 3                      | CRC2131     | 1   | 4 Cyl Petrol      |
|                        | NRC8352     | 1   | V8-LHS            |
|                        | CRC2131     | 1   | V8-RHS            |
|                        | CRC2131     | 1   | Diesel            |
|                        | NTC3372     | 1   | Diesel Turbo LHD  |
|                        | NTC3372     | 1   | 200Tdi LHS        |
|                        |             |     | Upto VIN HA701009 |
|                        | NTC8592     | 1   | 200Tdi            |
|                        |             |     | From HA701010     |
| 4                      | MUC4866     | 1   |                   |
| 5                      | MUC1679     | 1   |                   |
| 6                      | AB606041L   | 2   |                   |
| 7                      | AK612011L   | 2   |                   |
| 8                      | MWC4854     | 1   |                   |
| 9                      | 568680      | 3   |                   |
| 10                     | CS600244L   | 4   |                   |

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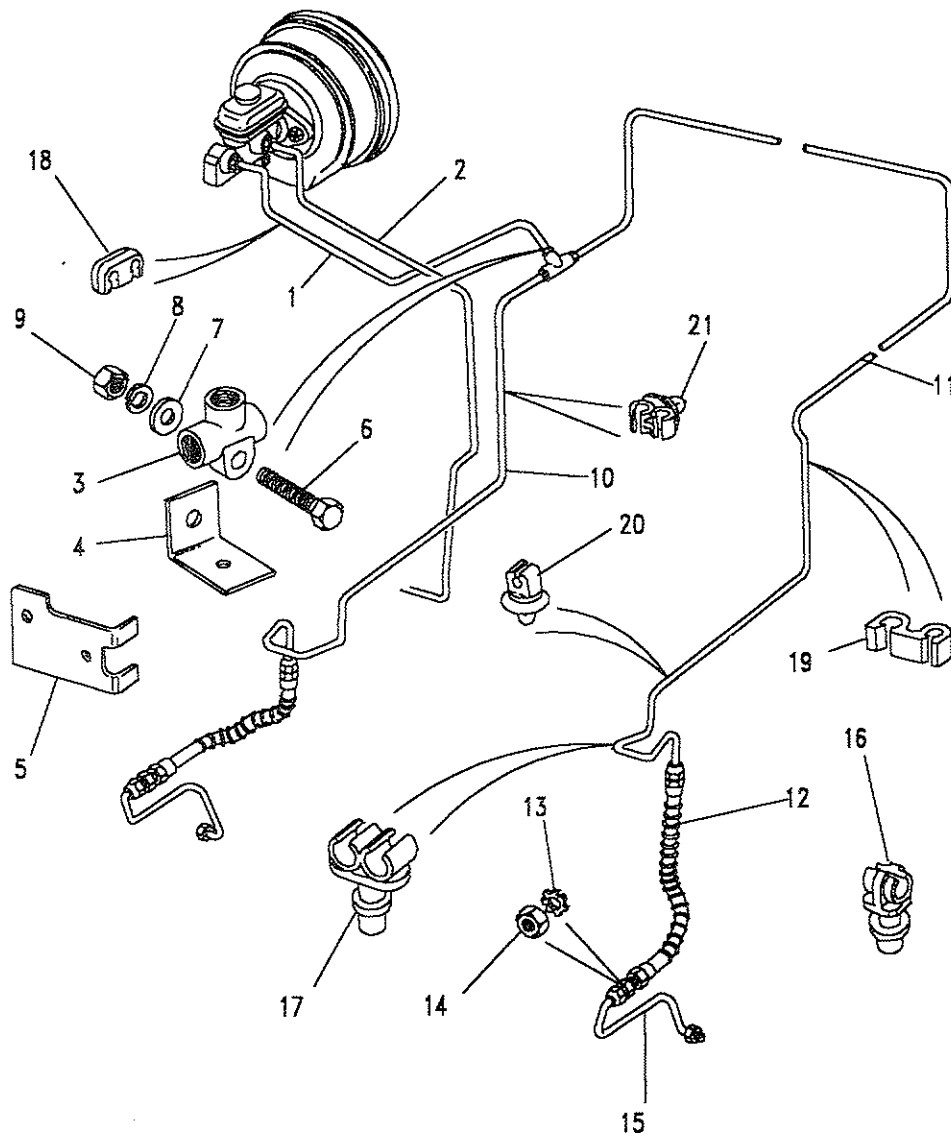
### BRAKES - FRONT BRAKE PIPES

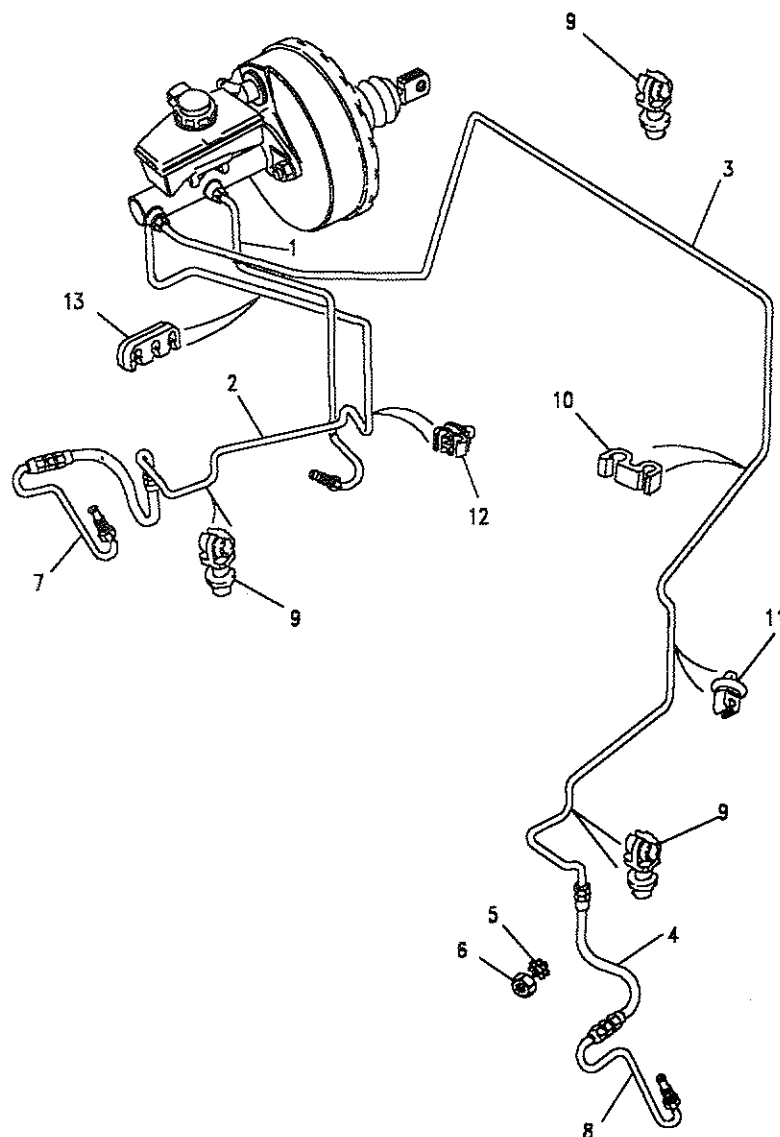
| III. Part No. | Description | Qty | Remarks |
|---------------|-------------|-----|---------|
|---------------|-------------|-----|---------|

Vehicles with front disc and rear drum brakes

Upto VIN HA701009

|    |           |                      |     |     |
|----|-----------|----------------------|-----|-----|
| 1  | NRC9434   | Pipe brake-tee piece | 1   | RHS |
|    | NRC9435   | Pipe brake-tee piece | 1   | LHS |
| 2  | NRC9432   | Pipe brake-G valve   | 1   | RHS |
|    | NRC9431   | Pipe brake-G valve   | 1   | LHS |
| 3  | NRC4251   | Tee piece            | 1   |     |
| 4  | NRC9690   | Bracket support      | 1   | RHS |
| 5  | NRC9683   | Bracket support      | 1   | LHS |
| 6  | BH106061L | Bolt                 | 1   |     |
| 7  | WC106041L | Washer plain         | 1   | RHS |
| 8  | WL106001L | Washer spring        | 1   |     |
| 9  | NH106041L | Nut                  | 1   |     |
| 10 | NRC9438   | Pipe brake-front RH  | 1   | RHS |
|    | NRC9437   | Pipe brake-front RH  | 1   | LHS |
| 11 | NRC9436   | Pipe brake-front LH  | 1   | RHS |
|    | NRC9435   | Pipe brake-front LH  | 1   | LHS |
| 12 | NRC7874   | Hose brake           | 2   |     |
| 13 | WF110001L | Washer shakeproof    | 4   |     |
| 14 | CRC1487   | Nut                  | 4   |     |
| 15 | NRC9304   | Pipe brake-caliper   | 1   |     |
|    | NRC9305   | Pipe brake-caliper   | 1   |     |
| 16 | CRC1250   | Pipe Clip            | A/R |     |
| 17 | 79125     | Pipe Clip            | A/R |     |
| 18 | AAU7803   | Pipe Clip            | 2   |     |
| 19 | NTC1175   | Pipe Clip            | 1   |     |
| 20 | NTC1176   | Pipe Clip            | 1   |     |
| 21 | ADU2003L  | Pipe Clip            | 1   |     |





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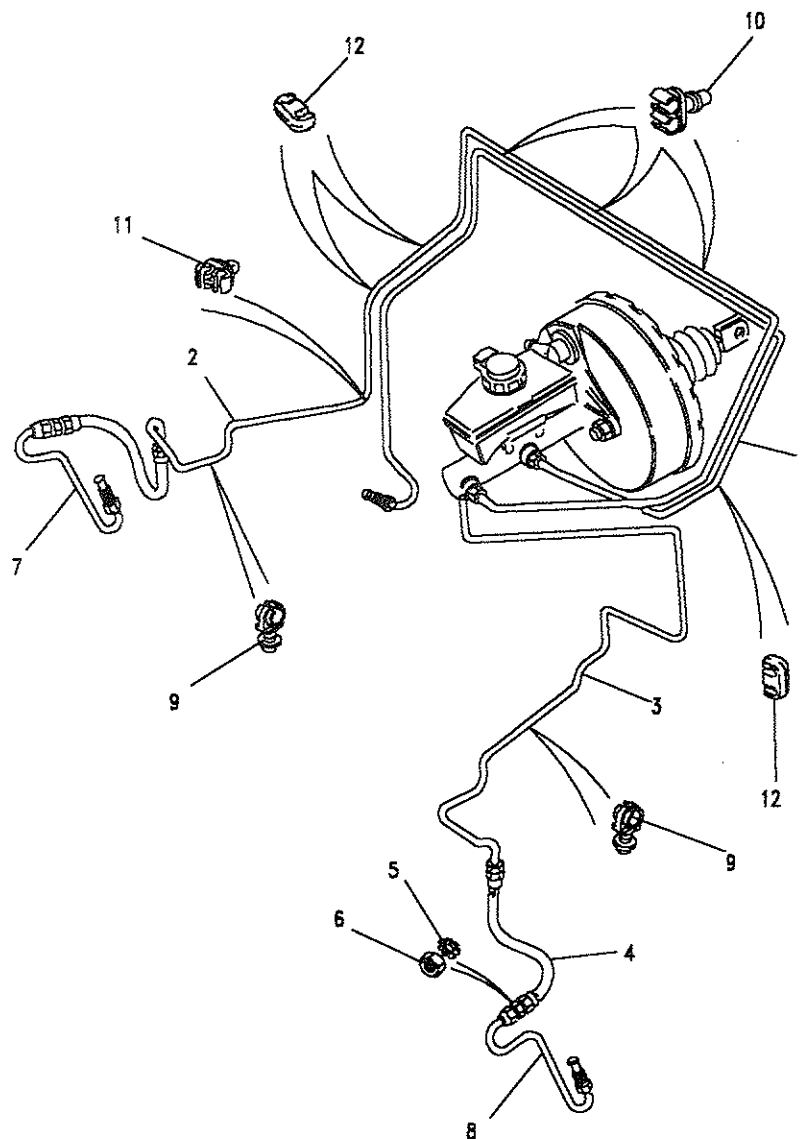
### BRAKES - FRONT BRAKE PIPES - RHS

| III. Part No. | Description | Qty | Remarks |
|---------------|-------------|-----|---------|
|---------------|-------------|-----|---------|

Vehicles with front disc and rear drum brakes

From VIN HA701010 - Upto VIN 930455

|    |           |                       |   |
|----|-----------|-----------------------|---|
| 1  | NTC8452   | Pipe brake-G valve    | 1 |
| 2  | NTC5711   | Pipe brake-front RH   | 1 |
| 3  | NTC5709   | Pipe brake-front LH   | 1 |
| 4  | NRC7874   | Hose brake            | 2 |
| 5  | WF110001L | Washer shakeproof     | 4 |
| 6  | CRC1487   | Nut                   | 4 |
| 7  | NRC9575   | Pipe brake-caliper RH | 1 |
| 8  | NRC7799   | Pipe brake-caliper LH | 1 |
| 9  | CRC1250L  | Pipe Clip             | 4 |
| 10 | NTC1175   | Pipe Clip             | 1 |
| 11 | NTC1176   | Pipe Clip             | 1 |
| 12 | NTC1177   | Pipe Clip             | 1 |
| 13 | ADU8846L  | Pipe Clip             | 1 |



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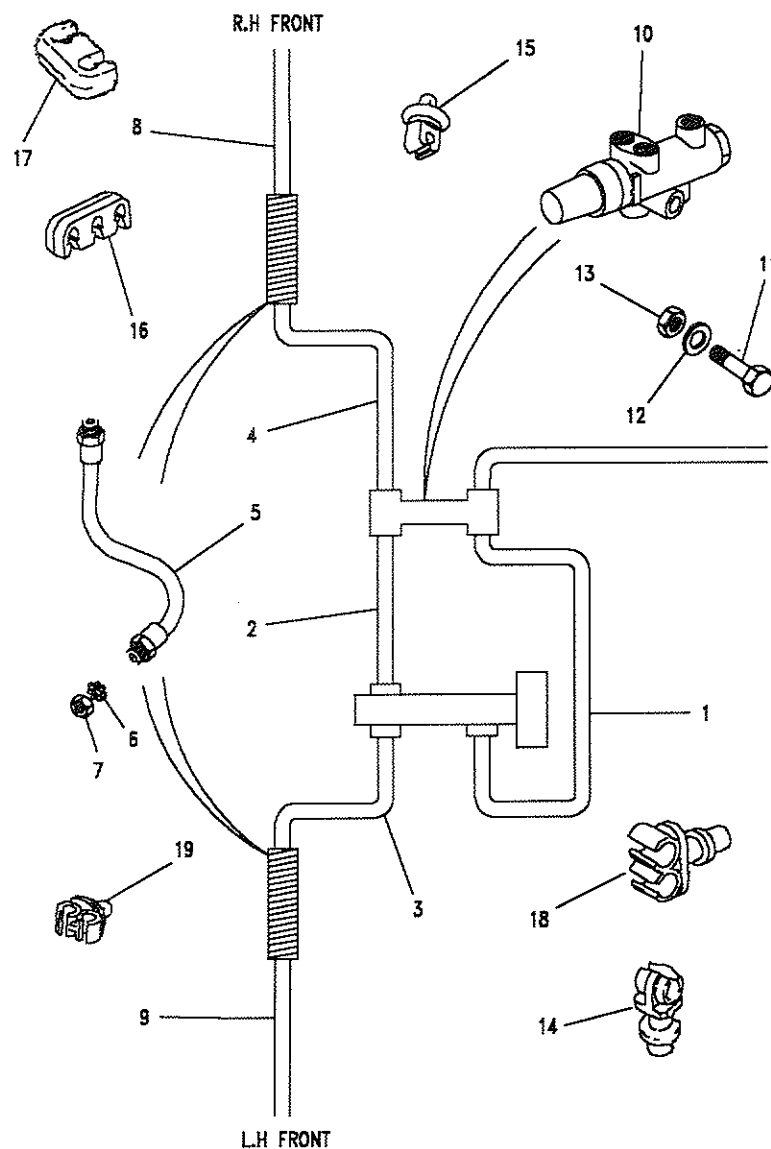
## BRAKES - FRONT BRAKE PIPES - LHS

III. Part No. Description Qty Remarks

vehicles with front disc and rear drum brakes

From VIN HA701010 - Upto VIN 930455

|    |           |                       |   |
|----|-----------|-----------------------|---|
| 1  | NTC8451   | Pipe brake-G valve    | 1 |
| 2  | NTC8450   | Pipe brake-front RH   | 1 |
| 3  | NTC5708   | Pipe brake-front LH   | 1 |
| 4  | NRC7874   | Hose brake            | 2 |
| 5  | WF110001L | Washer shakeproof     | 4 |
| 6  | CRC1487   | Nut                   | 4 |
| 7  | NRC9575   | Pipe brake-caliper RH | 1 |
| 8  | NRC7799   | Pipe brake-caliper LH | 1 |
| 9  | CRC1250L  | Pipe Clip             | 2 |
| 10 | 79127     | Pipe Clip             | 3 |
| 11 | NTC1177   | Pipe Clip             | 1 |
| 12 | AAU7803   | Pipe Clip             | 3 |

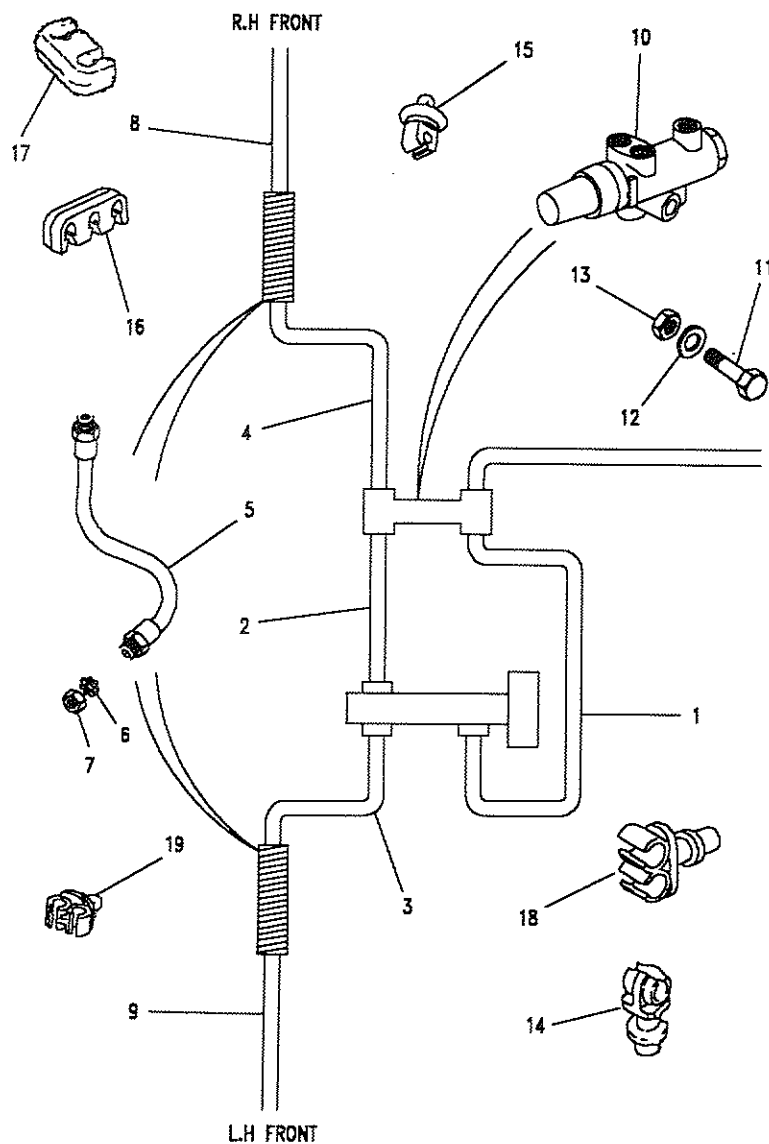


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### BRAKES - FRONT BRAKE PIPES - FROM VIN LA930456

| III. Part No.                                   | Description                         | Qty | Remarks     |
|-------------------------------------------------|-------------------------------------|-----|-------------|
| <b>Vehicles with front and rear disc brakes</b> |                                     |     |             |
| 1 NTC7961                                       | Pipe brake<br>-m/cyl to valve rear  | 1   | RHS         |
| NTC7962                                         | Pipe brake<br>-m/cyl to valve rear  | 1   | LHS Note(3) |
| ANR3770                                         | Pipe brake<br>-m/cyl to valve rear  | 1   | LHS Note(4) |
| 2 NTC7968                                       | Pipe brake<br>-m/cyl to valve front | 1   | RHS         |
| NTC7970                                         | Pipe brake<br>-m/cyl to valve front | 1   | LHS         |
| 3 ANR2503                                       | Pipe brake<br>-valve to front RH    | 1   |             |
| 4 NTC9726                                       | Pipe brake<br>-m/cyl to front LH    | 1   | RHS         |
| NTC5708                                         | Pipe brake<br>-m/cyl to front LH    | 1   | LHS         |
| 5 NRC7874                                       | Hose brake                          | 2   |             |
| 6 WF110001L                                     | Washer shakeproof                   | 4   |             |
| 7 CRC1487                                       | Nut                                 | 4   |             |
| 8 NRC9575                                       | Pipe brake-caliper RH               | 1   | Note(1)     |
| ANR2946                                         | Pipe brake-caliper RH               | 1   | Note(2)     |
| 9 NRC7799                                       | Pipe brake-caliper LH               | 1   | Note(1)     |
| ANR2947                                         | Pipe brake-caliper LH               | 1   | Note(2)     |

Note(1) Up to LA939975  
 Note(2) From MA939976  
 Note(3) Up to MA948860  
 Note(4) From MA948861



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### BRAKES - FRONT BRAKE PIPES - FROM VIN LA930456

| III. Part No. | Description         | Qty | Remarks |
|---------------|---------------------|-----|---------|
| 10 NTC8836    | Valve brake 40PRF24 | 1   |         |
| 11 BH106091L  | Bolt                | 1   |         |
| 12 WL106001L  | Washer spring       | 1   |         |
| 13 NH106041L  | Nut                 | 1   |         |
| 14 CRC1250L   | Pipe clip single    | 1   | RHS     |
| 14 CRC1250L   | Pipe clip single    | 2   | LHS     |
| 15 NTC1176    | Pipe clip single    | 1   |         |
| 16 ADU8846L   | Pipe clip triple    | 1   | RHS     |
| 17 AAU7803    | Pipe clip double    | 2   | RHS     |
| AAU7803       | Pipe clip double    | 3   | LHS     |
| 18 79127      | Pipe clip double    | 3   | LHS     |
| 19 NTC1177    | Pipe clip double    | 1   | LHS     |

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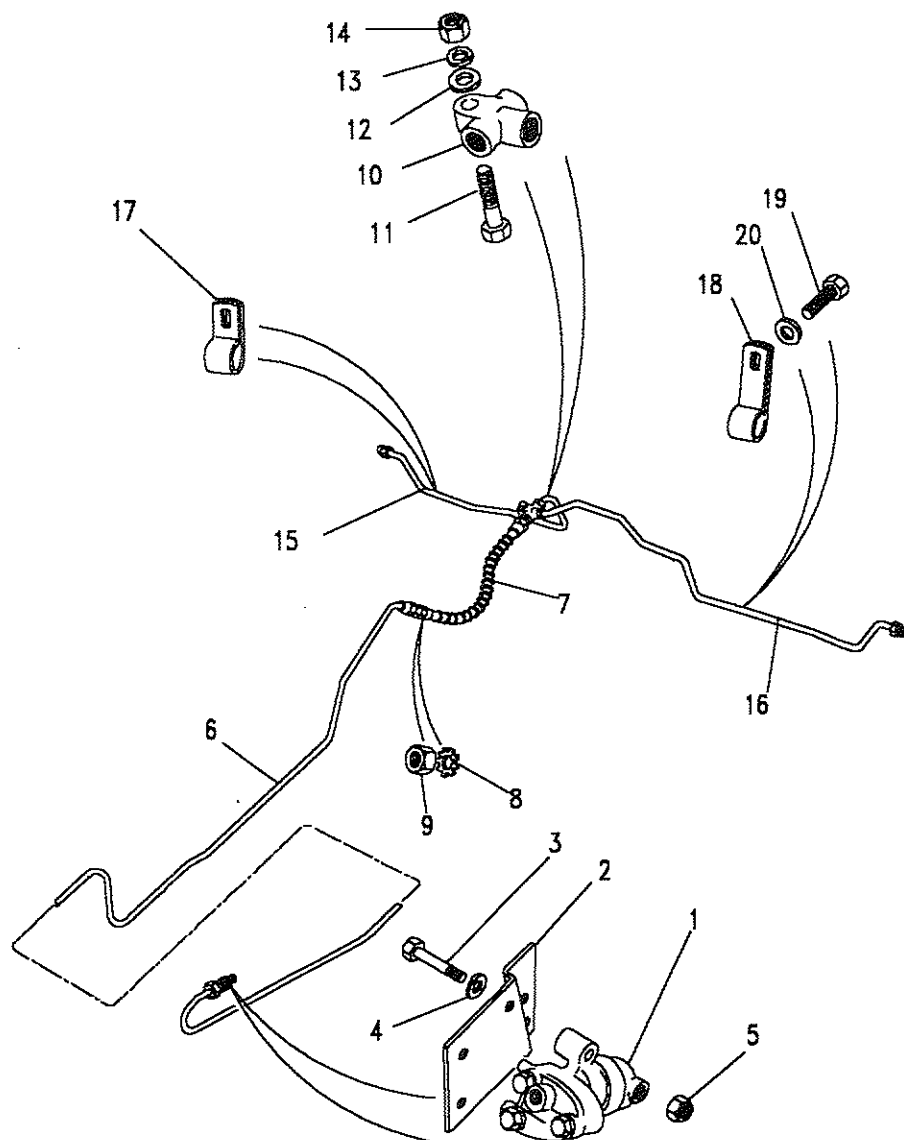
### BRAKES - REAR BRAKE PIPES

| III. Part No. | Description | Qty | Remarks |
|---------------|-------------|-----|---------|
|---------------|-------------|-----|---------|

Vehicles with front disc and rear drum brakes

**Upto VIN HA701009**

|    |           |                    |   |                 |
|----|-----------|--------------------|---|-----------------|
| 1  | NRC8215   | G Valve            | 1 |                 |
| 2  | NRC8897   | Bracket support    | 1 |                 |
| 3  | BH108091L | Bolt               | 1 |                 |
| 4  | WA108051L | Washer plain       | 1 |                 |
| 5  | NY108041L | Nut                | 1 |                 |
| 6  | NTC1636   | Pipe brake rear    | 1 |                 |
| 7  | NRC9455   | Hose brake         | 1 |                 |
| 8  | WF110001L | Washer shakeproof  | 1 |                 |
| 9  | CRC1487   | Nut                | 1 |                 |
| 10 | NRC4251   | Tee piece          | 1 |                 |
| 11 | BH106061L | Bolt               | 1 |                 |
| 12 | WC106041L | Washer plain       | 1 |                 |
| 13 | WL106001L | Washer spring      | 1 |                 |
| 14 | NH106041L | Nut                | 1 |                 |
| 15 | NRC8902   | Pipe brake rear RH | 1 |                 |
| 16 | NRC9757   | Pipe brake rear LH | 1 |                 |
| 17 | 577873    | Pipe Clip          | 2 |                 |
| 18 | 11820L    | Pipe Clip          | 1 |                 |
| 19 | 79004     | Screw              | 3 | Upto VIN 341764 |
|    | SL510031  | Screw              | 3 | From VIN 341765 |
| 20 | WC702101L | Washer plain       | 3 |                 |





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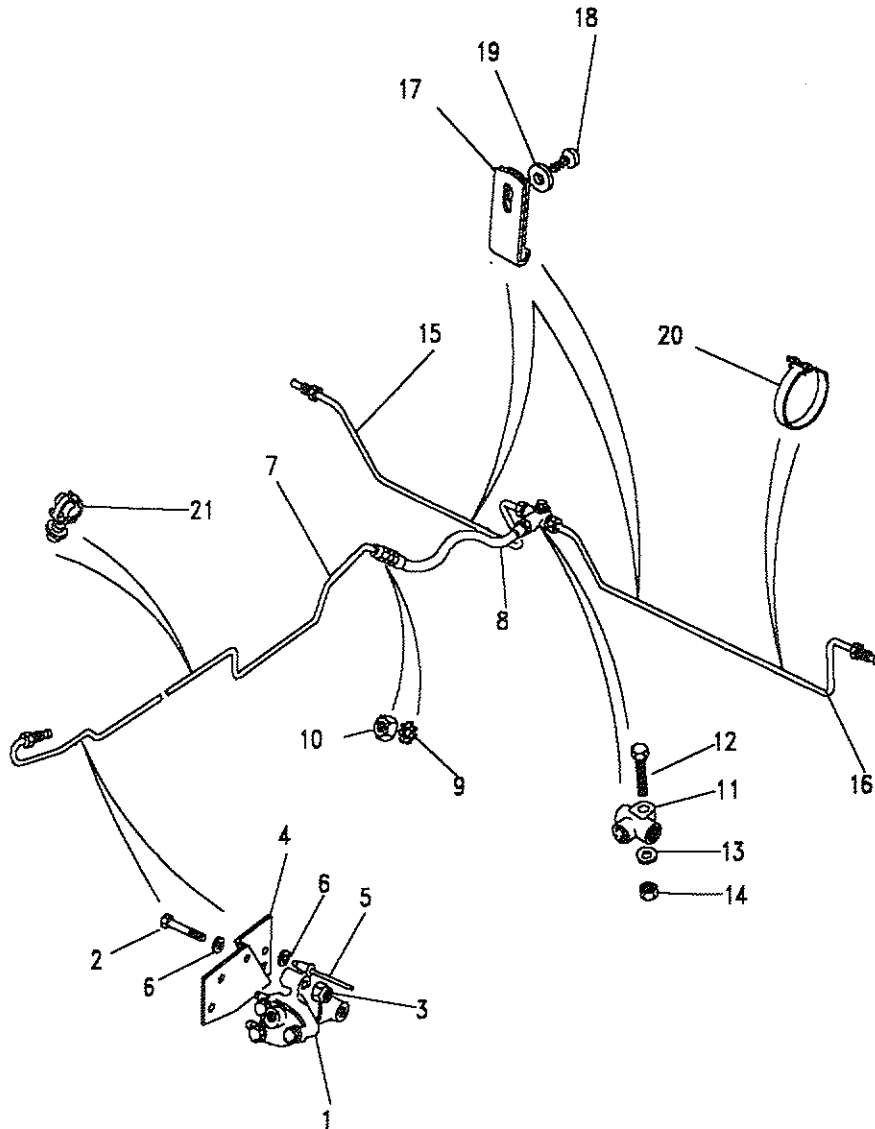
## BRAKES - REAR BRAKE PIPES

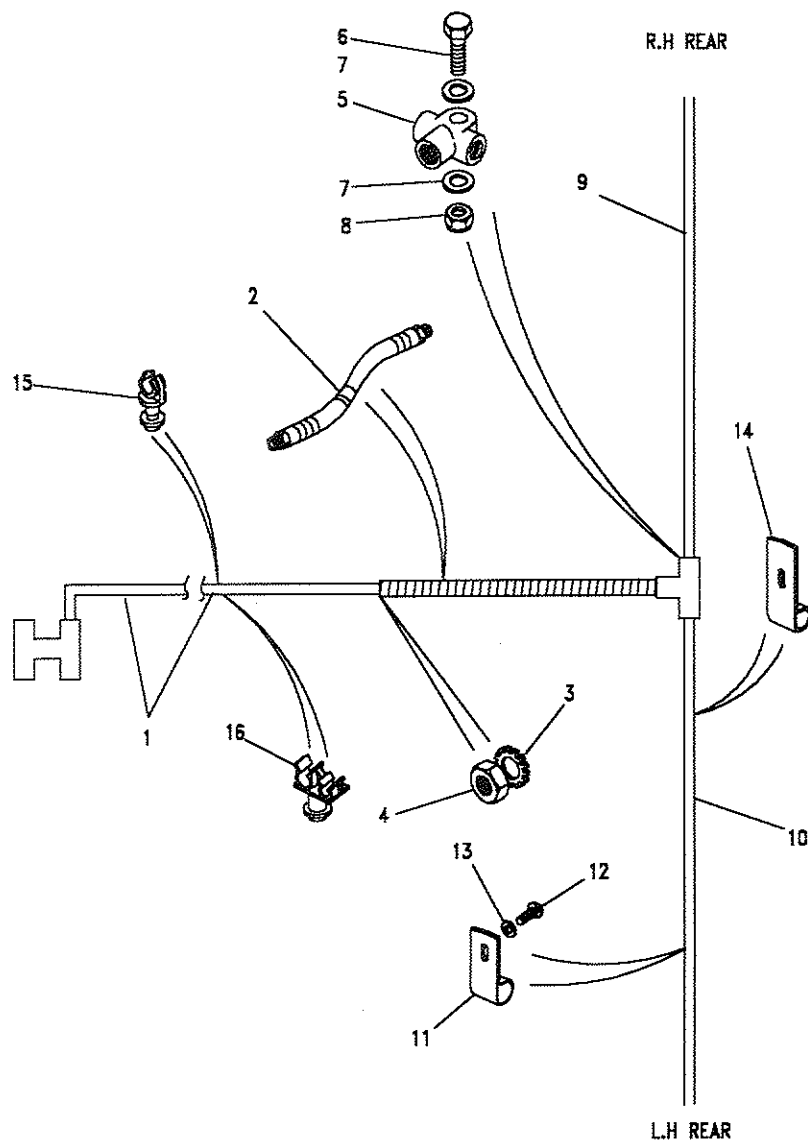
| III. Part No. | Description | Qty | Remarks |
|---------------|-------------|-----|---------|
|---------------|-------------|-----|---------|

Vehicles with front disc and rear drum brakes

From VIN HA701010 - Upto VIN 930455

|    |           |                    |   |
|----|-----------|--------------------|---|
| 1  | NRC8215   | G Valve            | 1 |
| 2  | BH108091L | Bolt               | 1 |
| 3  | NY108041L | Nut                | 1 |
| 4  | NRC8897   | Bracket support    | 1 |
| 5  | RA612207L | Rivet              | 2 |
| 6  | 2266L     | Washer plain       | 2 |
| 7  | NTC1636   | Pipe brake rear    | 1 |
| 8  | NRC9455   | Hose brake         | 1 |
| 9  | WF110001L | Washer shakeproof  | 1 |
| 10 | CRC1487   | Nut                | 1 |
| 11 | NRC4251   | Tee piece          | 1 |
| 12 | BH106061L | Bolt               | 1 |
| 13 | WA106041L | Washer plain       | 2 |
| 14 | NH106041L | Nut                | 1 |
| 15 | NRC8902   | Pipe brake-rear RH | 1 |
| 16 | NRC9757   | Pipe brake-rear LH | 1 |
| 17 | 577873    | Clip               | 2 |
| 18 | SL510031  | Screw              | 2 |
| 19 | WC702101L | Washer plain       | 2 |
| 20 | 11820L    | Clip               | 1 |
| 21 | CRC1250L  | Pipe Clip          | 5 |





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### BRAKES - REAR BRAKE PIPES - FROM VIN MA930457

| III. Part No.                                   | Description              | Qty | Remarks |
|-------------------------------------------------|--------------------------|-----|---------|
| <b>Vehicles with front and rear disc brakes</b> |                          |     |         |
| 1 ANR2775                                       | Pipe brake-valve to rear | 1   |         |
| 2 NRC9455                                       | Hose brake               | 1   |         |
| 3 WF110001L                                     | Washer shakeproof        | 1   |         |
| 4 CRC1487                                       | Nut                      | 1   |         |
| 5 NRC4251                                       | Tee piece                | 1   |         |
| 6 BH106061L                                     | Bolt                     | 1   |         |
| 7 WA106041L                                     | Washer plain             | 2   |         |
| 8 NH106041L                                     | Nut                      | 1   |         |
| 9 NTC7676                                       | Pipe brake-rear RH       | 1   |         |
| 10 NTC7689                                      | Pipe brake-rear LH       | 1   |         |
| 11 NTC8242                                      | Pipe clip double         | 3   |         |
| 12 AB610041L                                    | Screw                    | 2   |         |
| 13 WC702101L                                    | Washer plain             | 2   |         |
| 14 NTC8243                                      | Clip double              | 3   |         |
| 15 CRC1250L                                     | Pipe clip single         | 2   |         |
| 16 79127                                        | Pipe clip double         | 2   |         |

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**Page** ADHXGA1A

### BRAKES - FRONT BRAKES - UPTO VIN 930455

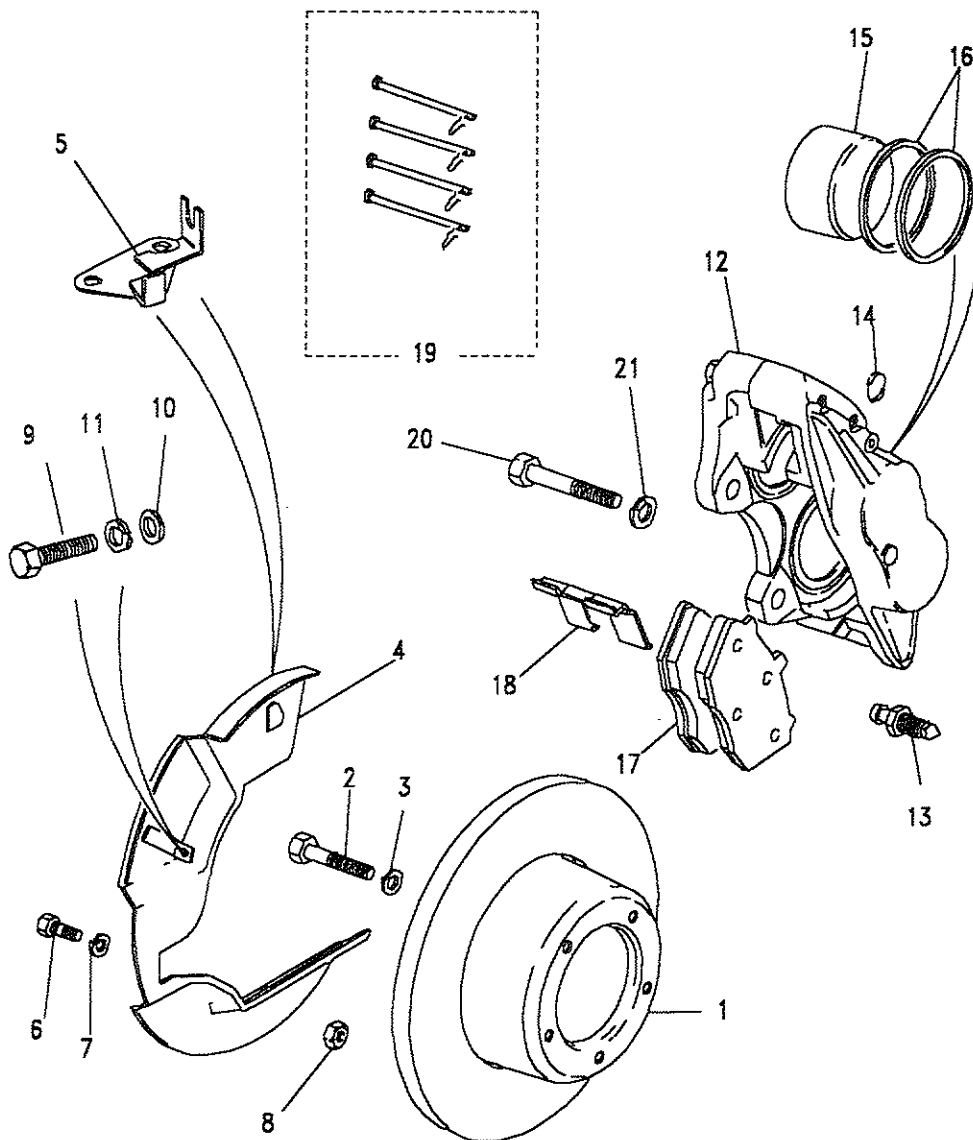
| III. Part No. | Description | Qty | Remarks |
|---------------|-------------|-----|---------|
|---------------|-------------|-----|---------|

#### vehicles with front disc and rear drum brakes

|    |           |                      |    |           |
|----|-----------|----------------------|----|-----------|
| 1  | FRC7329   | Disc brake           | 1  |           |
| 2  | AFU1180   | Bolt                 | 10 |           |
| 3  | WL110001L | Washer spring        | 10 |           |
| 4  | FRC6402   | Mudshield brake RH   | 1  | ) Note(1) |
|    | FRC6403   | Mudshield brake LH   | 1  |           |
|    | FTC3278   | Mudshield brake RH   | 1  | ) Note(2) |
|    | FTC3279   | Mudshield brake LH   | 1  |           |
| 5  | FRC7202   | Bracket retaining RH | 1  |           |
|    | FRC7201   | Bracket retaining LH | 1  |           |
| 6  | SH106121L | Screw                | 2  |           |
| 7  | WL106001L | Washer spring        | 2  |           |
| 8  | NH106041L | Nut                  | 2  |           |
| 9  | SH106121L | Screw                | 2  |           |
| 10 | WL106001L | Washer spring        | 2  |           |
| 11 | WA106041L | Washer plain         | 2  |           |

Note(1)  
Note(2)

Up to 22L12545C - RHS, 23L16310C - LHS  
From 22L12546C - RHS, 23L16311C - LHS



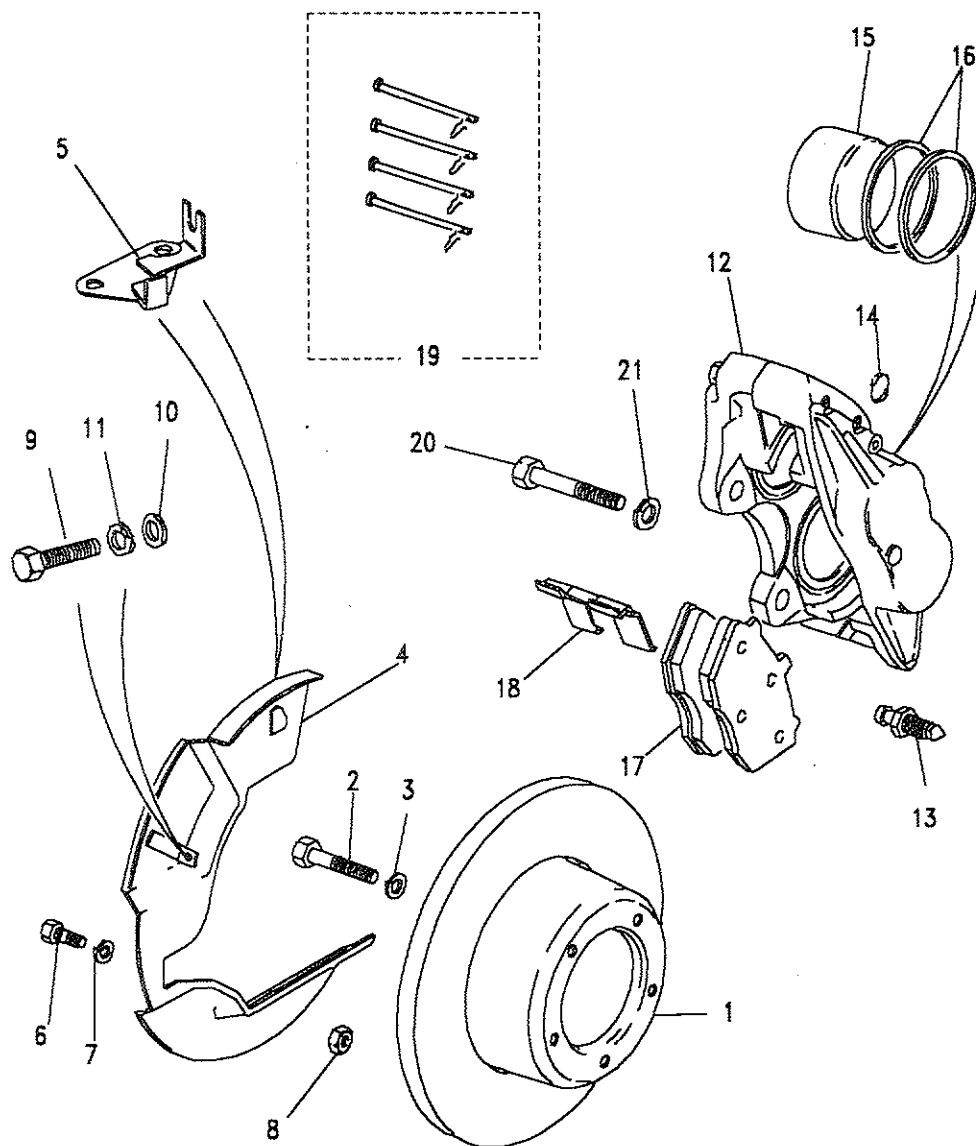
Model DEFENDER 90

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### BRAKES - FRONT BRAKES - UPTO VIN 930455

| III. Part No. | Description        | Qty | Remarks           |
|---------------|--------------------|-----|-------------------|
| 12 RTC3380    | Caliper brake RH   | 1   | Note(1) (3)       |
| RTC4998       | Caliper brake RH   | 1   | Note(2) (4)       |
| RTC5572       | Caliper brake RH   | 1   | From VIN HA701010 |
| RTC3381       | Caliper brake LH   | 1   | Note(1) (3)       |
| RTC4999       | Caliper brake LH   | 1   | Note(2) (4)       |
| RTC5573       | Caliper brake LH   | 1   | From VIN HA701010 |
| 13 RTC1526    | Screw bleed        | 2   |                   |
| 14 17H8764L   | Seal fluid channel | 4   |                   |
| 15 606683     | Piston caliper     | 4   | Upto VIN HA701009 |
| STC201        | Piston caliper     | 4   | From VIN HA701010 |
| 16 AEU1547    | Kit caliper repair | 2   | Upto VIN HA701009 |
| AEU2539       | Kit caliper repair | 2   | From VIN HA701010 |
| 17 RTC3163    | Brake pad-axle set | 1   | Note(1) (3)       |
| RTC5756       | Brake pad-axle set | 1   | Note(2) (4)       |
| RTC5574       | Brake pad-axle set | 1   | Upto VIN HA701009 |
| 18 606688     | Spring anti rattle | 4   | Note(1) (3)       |
| 19 RTC5001    | Retention kit      | 1   | Note(2) (4)       |
| 20 AFU1031    | Bolt               | 2   |                   |
| 21 WL112001L  | Washer spring      | 4   |                   |

Note(1) Axle No Upto 22L09654 RHS, 23L05987 LHS  
 Note(2) Axle No From 22L09655 to 10191 RHS, 23L05988 to 06059 LHS  
 Note(3) Axle No From 22L10192 to 10271 RHS, 23L06060 to 06078 LHS  
 Note(4) Axle No From 22L10272 RHS, 23L06079 LHS - Upto VIN HA701009



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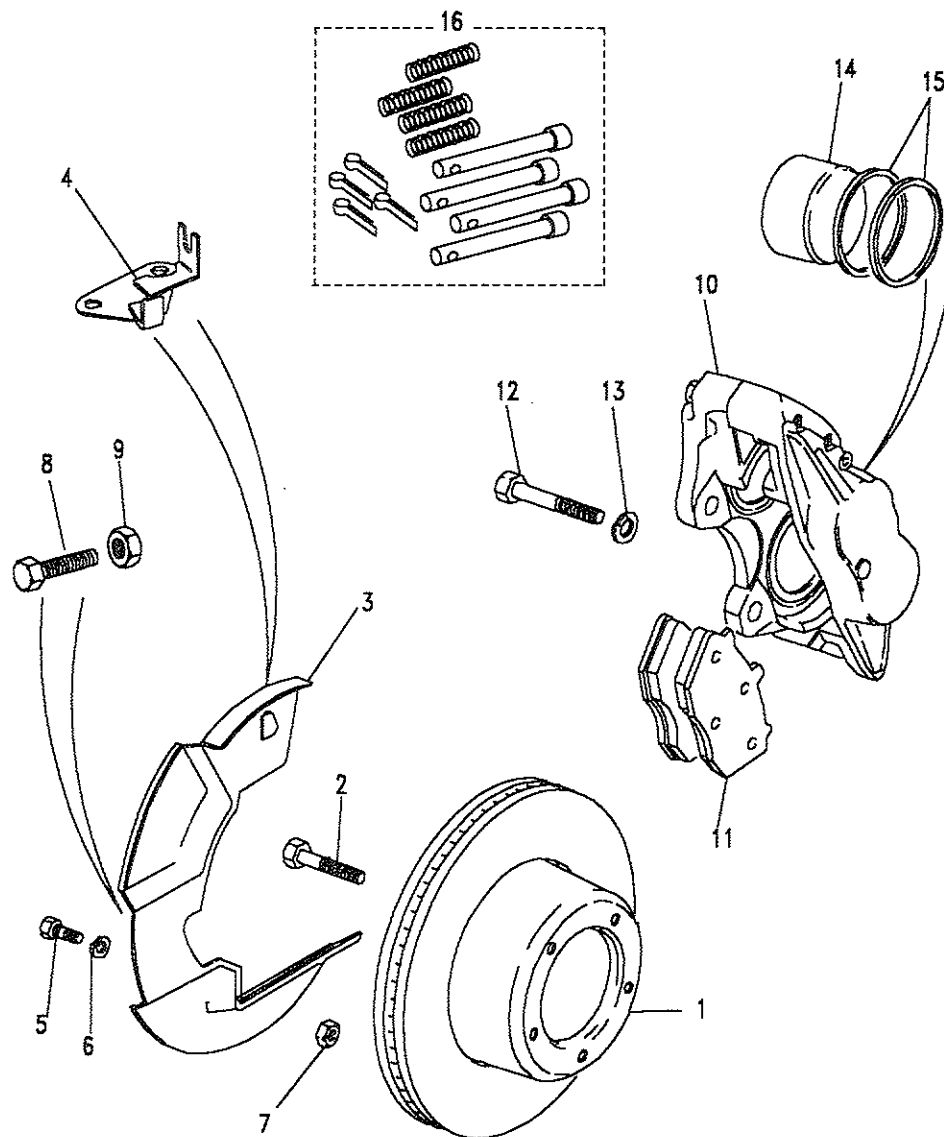
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### BRAKES - FRONT BRAKES - FROM VIN LA930456

| III. Part No.                                   | Description           | Qty | Remarks |
|-------------------------------------------------|-----------------------|-----|---------|
| <b>Vehicles with front and rear disc brakes</b> |                       |     |         |
| 1 FRC7329                                       | Disc brake            | 2   | Note(1) |
| 2 FTC902                                        | Disc brake vented     | 2   | Note(2) |
| 3 FTC1368                                       | Special bolt          | 10  |         |
| 3 FTC3278                                       | Mudshield brake RH    | 1   |         |
| 3 FTC3279                                       | Mudshield brake LH    | 1   |         |
| 4 FRC7202                                       | Bracket retaining RH  | 1   |         |
| 4 FRC7201                                       | Bracket retaining LH  | 1   |         |
| 5 SH106121L                                     | Flange screw          | 2   |         |
| 6 WA106041L                                     | Washer plain          | 2   |         |
| 7 NH106045                                      | Nut                   | 2   |         |
| 8 SH112505                                      | Screw                 | 2   |         |
| 9 NT112041L                                     | Nut                   | 2   |         |
| 10 STC1262                                      | Caliper brake RH      | 1   | Note(1) |
| STC1263                                         | Caliper brake LH      | 1   | Note(1) |
| STC1266                                         | Caliper brake RH      | 1   | Note(2) |
| STC1267                                         | Caliper brake LH      | 1   | Note(2) |
| 11 STC1275                                      | Brake pad axle set    | 1   |         |
| 12 FTC3375                                      | Bolt caliper M12 x 35 | 4   |         |
| 13 WL112001L                                    | Washer spring         | 4   |         |
| 14 STC1280                                      | Kit caliper piston    | 1   |         |
| 15 AEU2539                                      | Kit caliper repair    | 1   |         |
| 16 RTC6799                                      | Kit pad retention     | 1   |         |

Note(1) 4 Cylinder

Note(2) 4 Cylinder Heavy Duty and V8

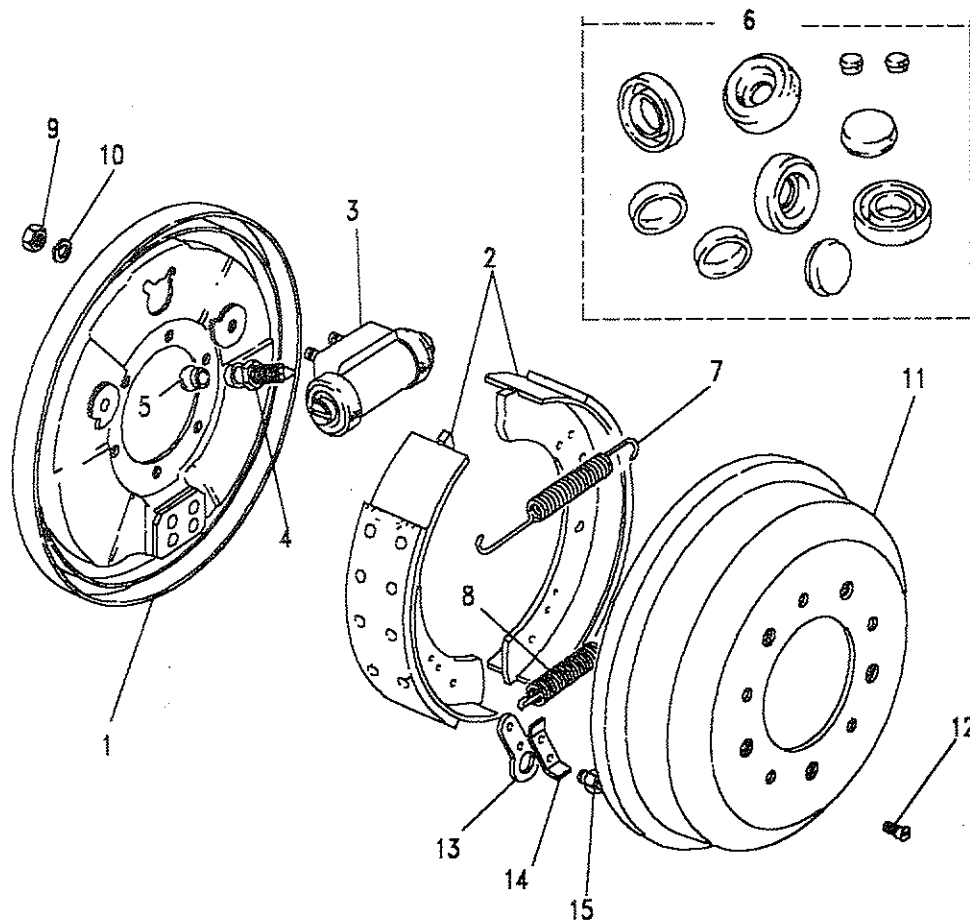


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### BRAKES - REAR DRUM BRAKES - UPTO VIN 930455

| III. Part No. | Description               | Qty | Remarks      |
|---------------|---------------------------|-----|--------------|
| 1 RTC3166     | Backplate RH              | 1   |              |
| RTC3167       | Backplate LH              | 1   |              |
| 2 RTC3171     | Brakeshoe axle set        | 1   |              |
| 3 RTC3168     | Cylinder wheel RH         | 1   | Upto Note(1) |
| RTC3169       | Cylinder wheel LH         | 1   | Upto Note(1) |
| STC468        | Cylinder wheel RH         | 1   | From Note(2) |
| STC467        | Cylinder wheel LH         | 1   | From Note(2) |
| 4 RTC1115     | Screw bleed               | 2   | Upto Note(1) |
| 5 234957      | Dust cap                  | 2   |              |
| 6 RTC3170     | Repair kit cylinder wheel | 2   | Upto Note(1) |
| STC469        | Repair kit cylinder wheel | 2   | From Note(2) |
| 7 503981      | Spring shoe return        | 2   |              |
| 8 218983      | Spring shoe return        | 2   |              |
| 9 NH605041L   | Nut                       | 4   |              |
| 10 WM600051L  | Washer spring             | 4   |              |
| 11 591039     | Drum brake                | 2   |              |
| 12 SA108161   | Screw                     | 2   |              |
| 13 236993     | Anchor                    | 2   |              |
| 14 236995     | Plate locking             | 2   |              |
| 15 238542     | Bolt                      | 4   | Upto Note(1) |
| RTC207        | Bolt                      | 4   | From Note(2) |

Note(1) Axle Number 22S/23S 07618C, VIN HA701009  
Note(2) Axle Number 22S/23S 07619D, VIN HA701010





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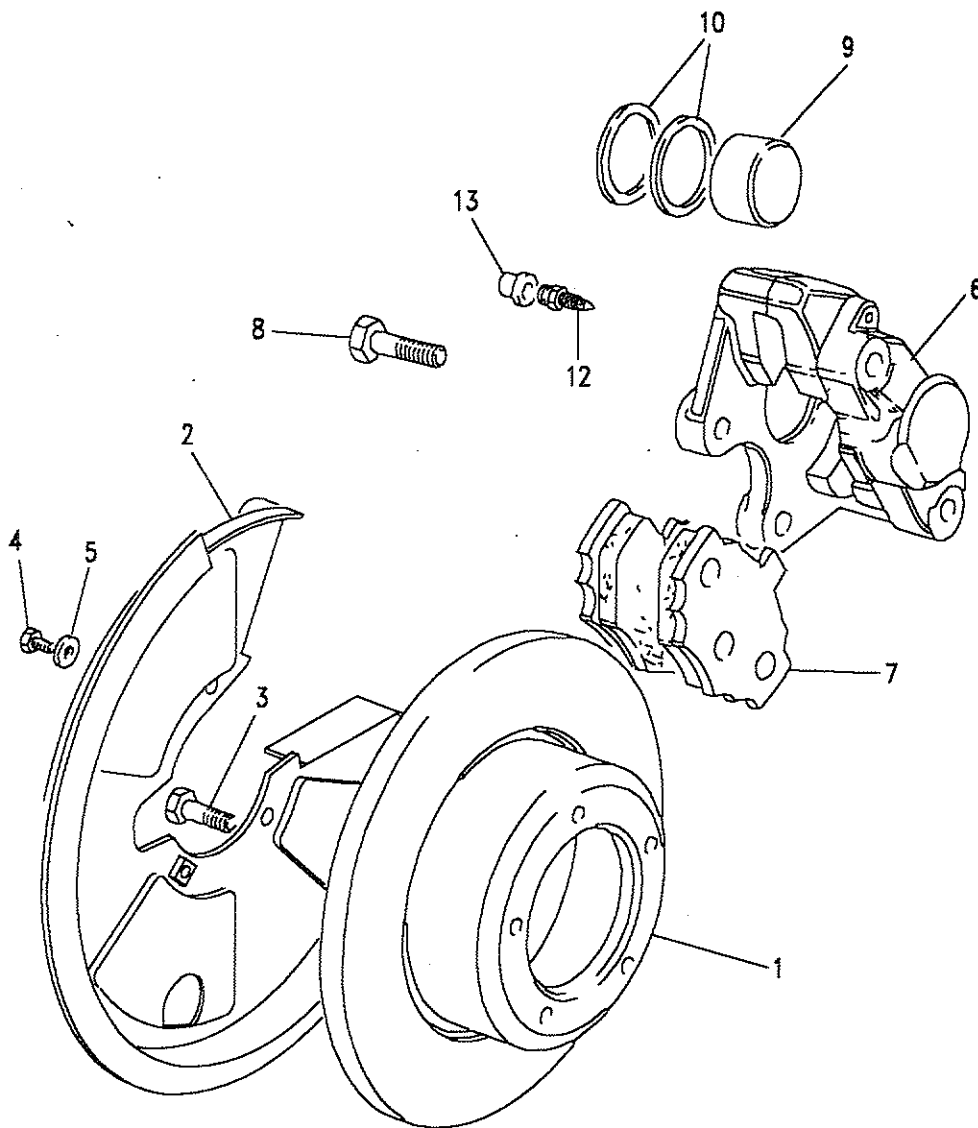
BRAKES

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BRAKES - REAR DISC BRAKES - FROM VIN LA930456

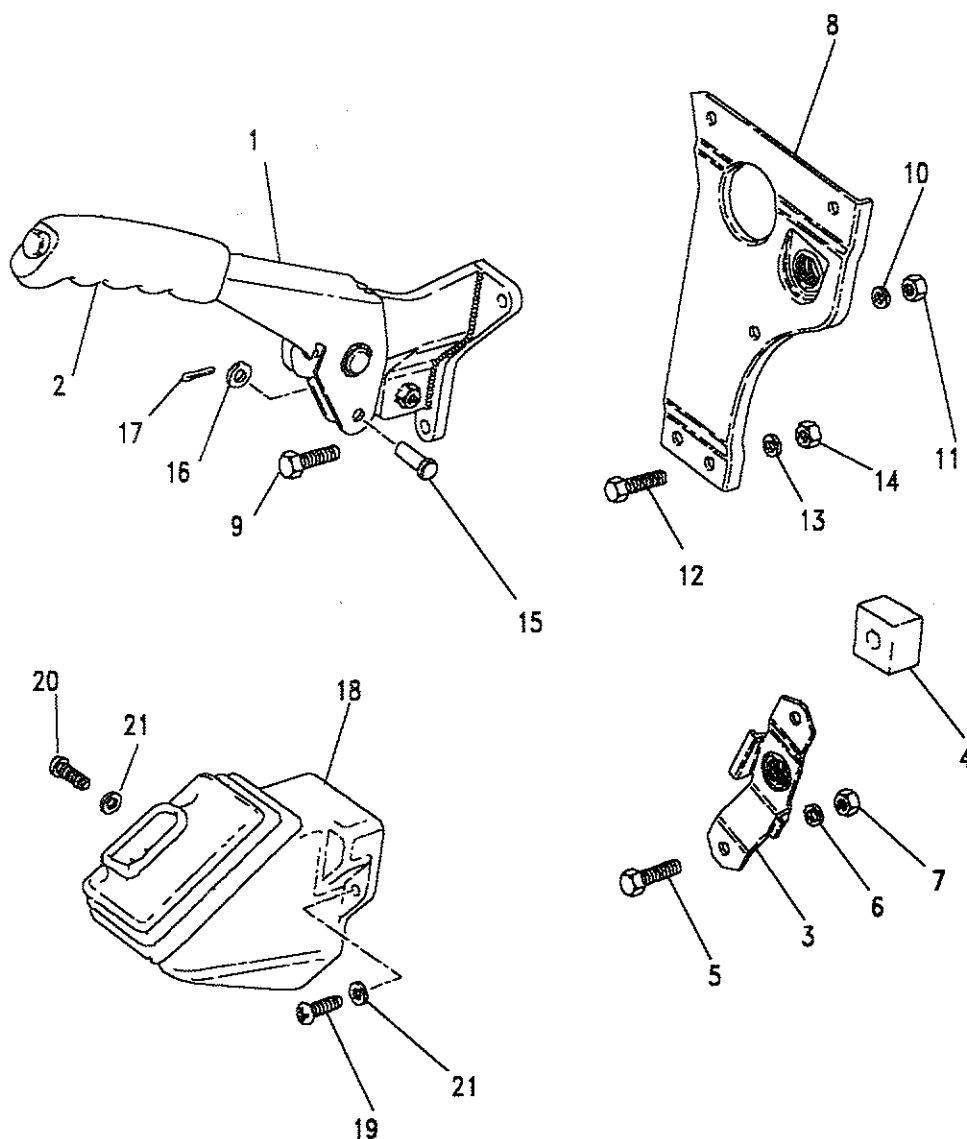
| III. Part No. | Description | Qty | Remarks             |
|---------------|-------------|-----|---------------------|
| 1             | FTC1381     | 2   | Disc brake          |
| 2             | FTC3320     | 1   | Mudshield RH        |
|               | FTC3321     | 1   | Mudshield LH        |
| 3             | FTC1368     | 10  | Bolt                |
| 4             | FS106201L   | 6   | Screw               |
| 5             | 2215L       | 6   | Washer plain        |
| 6             | STC1264     | 1   | Caliper brake RH    |
|               | STC1265     | 1   | Caliper brake LH    |
| 7             | STC1276     | 1   | Brake pad axle set  |
| 8             | FTC3375     | 4   | Bolt                |
| 9             | STC1279     | 1   | Kit caliper piston  |
| 10            | 8G8587L     | 1   | Kit caliper repair  |
|               | AEU1861     | 4   | Anti-rattle springs |
| 11            | FTC3299     | 2   | Bracket mounting    |
| 12            | RTC1526     | 2   | Bleed nipple        |
| 13            | 594091      | 2   | Dust cover          |



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### BRAKES - HANDBRAKE LEVER

| III. Part No.                        | Description            | Qty | Remarks         |
|--------------------------------------|------------------------|-----|-----------------|
| 1 NRC9123                            | Handbrake assembly-RHS | 1   | Upto VIN 232762 |
| NTC1557                              | Handbrake assembly-RHS | 1   | From VIN 232763 |
| ANR3692                              | Handbrake assembly-RHS | 1   | Upto LA935629   |
| NRC9115                              | Handbrake assembly-LHS | 1   | From LA935630   |
| ANR3693                              | Handbrake assembly-LHS | 1   | Up to LA935629  |
| 2 NRC2744                            | Grip handbrake         | 1   | From LA935630   |
| 4 Cylinder also V8 from VIN HA456187 |                        |     |                 |
| 3 NRC7984                            | Plate abutment         | 1   |                 |
| 4 NRC6795                            | Seal                   | 1   |                 |
| 5 FS108251L                          | Screw                  | 2   |                 |
| 6 WL108001L                          | Washer spring          | 2   |                 |
| 7 FN108041L                          | Nut                    | 2   |                 |



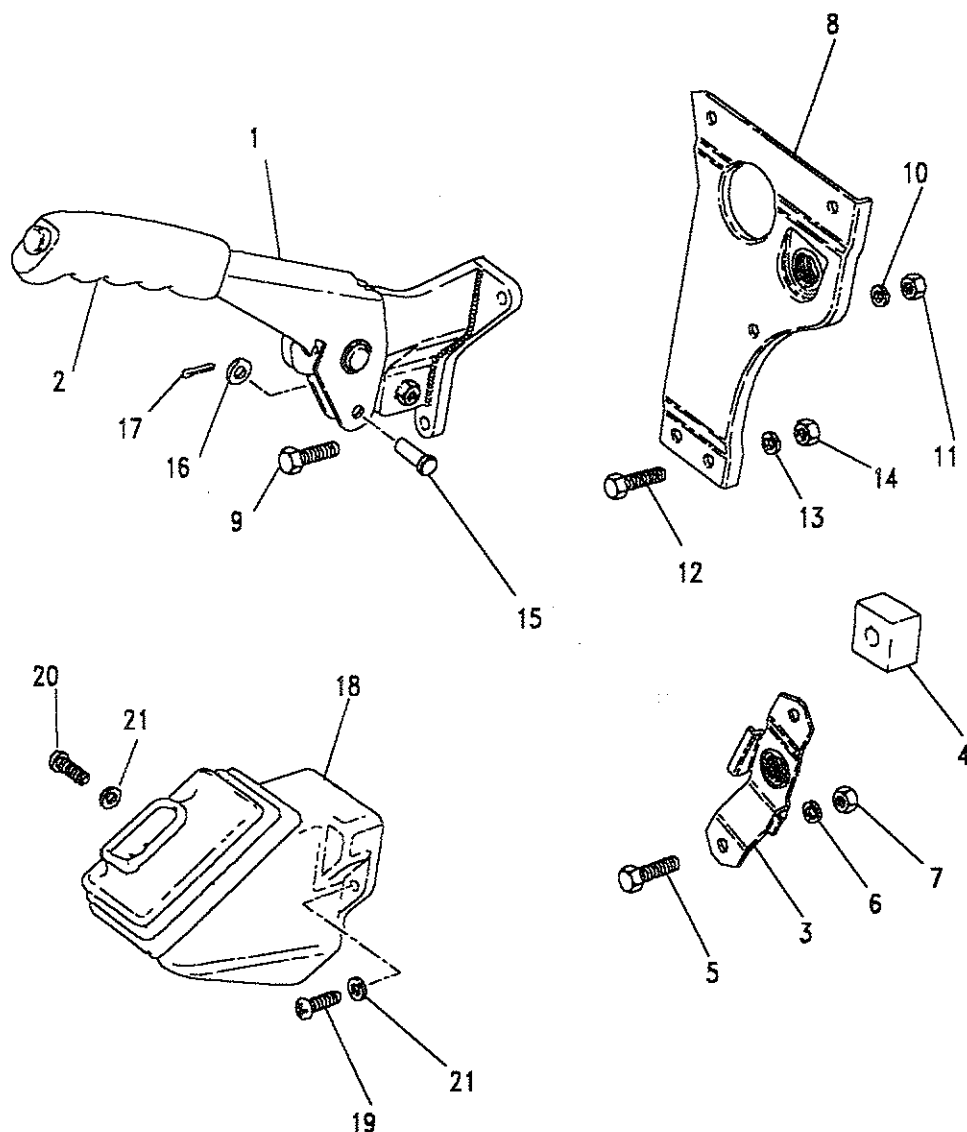


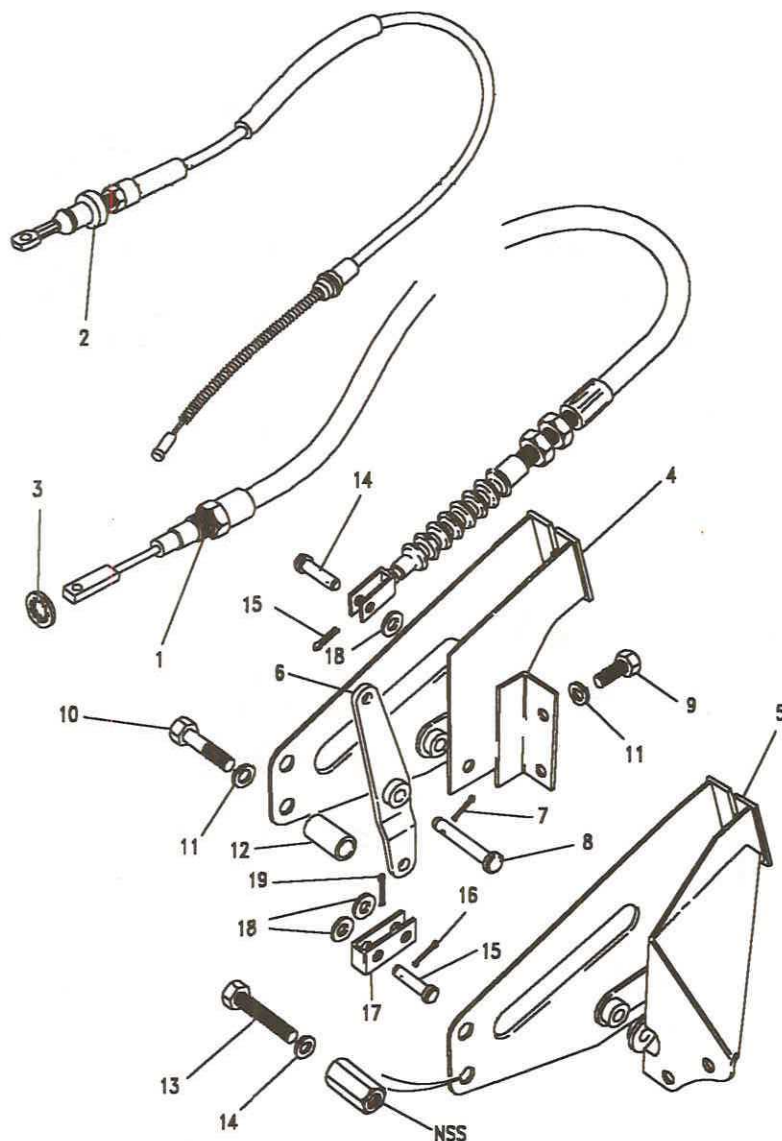
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## BRAKES - HANDBRAKE LEVER

| III. Part No.            | Description             | Qty | Remarks   |
|--------------------------|-------------------------|-----|-----------|
| <b>V8 upto VIN456186</b> |                         |     |           |
| 8 NTC1224                | Stiffener heelboard-RHS | 1   |           |
| NRC6653                  | Stiffener heelboard-LHS | 1   |           |
| 9 FS108251L              | Screw                   | 2   |           |
| 10 WL108001L             | Washer spring           | 2   |           |
| 11 FN108041L             | Nut                     | 2   |           |
| 12 FS108251L             | Screw                   | 3   |           |
| 13 WL108001L             | Washer spring           | 3   |           |
| 14 FN108041L             | Nut                     | 3   |           |
| <b>All Variants</b>      |                         |     |           |
| 15 PC108291L             | Pin clevis              | 1   |           |
| 16 WA108051L             | Washer plain            | 1   |           |
| 17 PS104127L             | Pin split               | 1   |           |
| 18 MRC9570               | Cover handbrake         | 1   | RHS       |
| MRC9571                  | Cover handbrake         | 1   | LHS       |
| 19 AR608041              | Screw                   | 2   | )         |
| 20 SE105201L             | Screw                   | 1   |           |
| 21 WA105001L             | Washer plain            | 3   | ) Note(1) |
| 19 AFU1897LDE            | Drive fastener          | 2   |           |
| 20 MWC3136               | Snapsac                 | 1   | )Note(2)  |

Note(1) Up to LA935629  
Note(2) From LA935630





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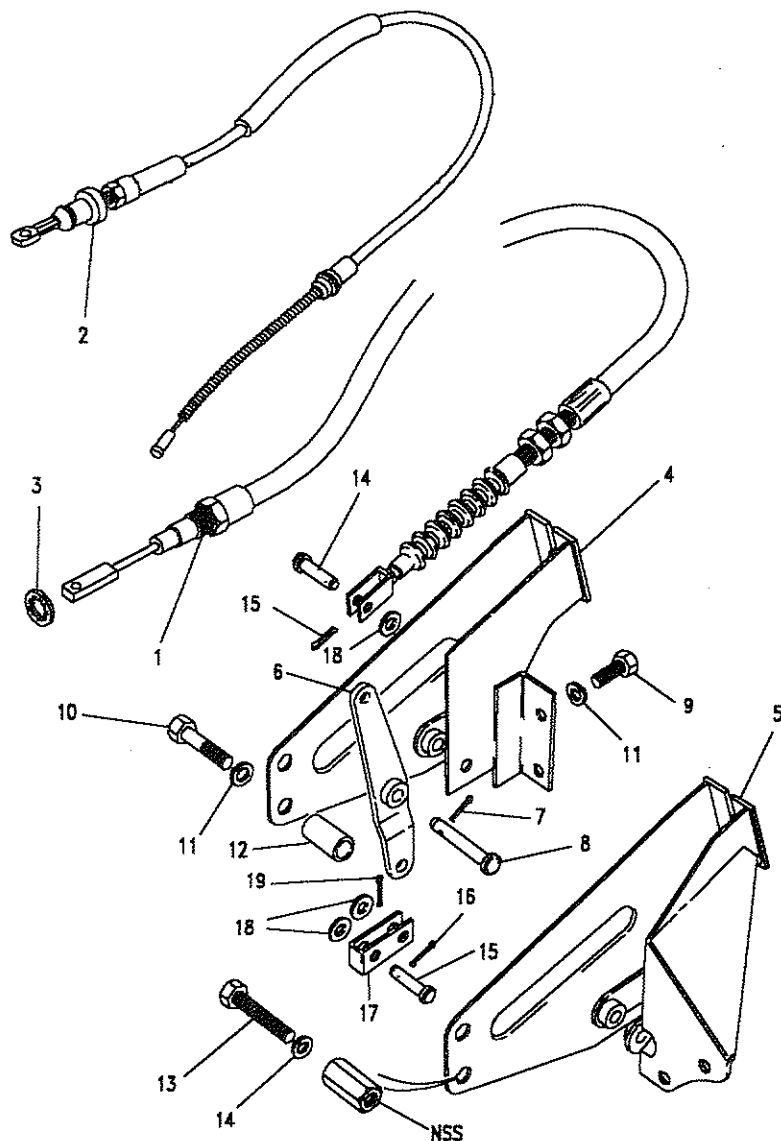
**BRAKES - HANDBRAKE CABLE**

| III. Part No. | Description       | Qty | Remarks           |
|---------------|-------------------|-----|-------------------|
| 1 NRC5088     | Cable handbrake   | 1   | RHS )             |
| NRC5089       | Cable handbrake   | 1   | LHS )Note(1)      |
| 2 STC1530     | Cable handbrake   | 1   | Note(2)           |
| 3 WF116001L   | Washer shakeproof | 1   |                   |
| 4 NRC8059     | Carrier           | 1   | 4 cylinder        |
|               |                   |     | Upto VIN HA701009 |
| NTC1643       | Carrier           | 1   | 4 cylinder        |
|               |                   |     | From VIN HA701010 |
| 5 NTC1643     | Carrier           | 1   | V8                |
| 6 NRC7044     | Lever             | 1   |                   |
| 7 PS104161    | Pin split         | 1   |                   |
| 8 NRC5104     | Pin               | 1   |                   |
| 9 FS108251L   | Screw             | 2   | )4 Cylinder       |
| 10 BH108091L  | Bolt              | 2   | )Upto VIN         |
| 11 WL108001L  | Washer spring     | 4   | )HA701009         |
| 12 NRC7124    | Spacer            | 2   | )                 |
| 13 SH606061L  | Screw             | 2   | )V8 & 4 Cyl       |
| 14 WM600061L  | Washer spring     | 2   | )From VIN         |
|               |                   |     | )HA701010         |

Note(1) Up to LA935629  
Note(2) From LA935630

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### BRAKES - HANDBRAKE CABLE



| III. Part No. | Description          | Qty | Remarks      |
|---------------|----------------------|-----|--------------|
| 15 PC108291L  | Pin clevis           | 1   |              |
| 16 PS104127L  | Pin split            | 1   |              |
| 17 NRC7648    | Clevis               | 1   |              |
| 18 WA108051L  | Washer plain         | 2   |              |
| 19 PS104127L  | Pin split            | 2   |              |
| NRC9492       | Clip-anti rattle-RHS | 1   | )            |
| 78248         | Rivet-RHS            | 1   |              |
| AEU1446       | Clip-anti rattle-LHS | 1   | )Upto 1991MY |
| SE105161      | Screw                | 1   |              |
| WL105001L     | Washer spring        | 1   | )            |
| NH105041      | Nut                  | 1   |              |
| AUE1446       | Clip                 | 1   | )From 1991MY |
| 78248         | Rivet                | 1   |              |



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## GROUP J

## FUEL SYSTEM AND AIR CLEANER

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### FUEL SYSTEM - FUEL TANK

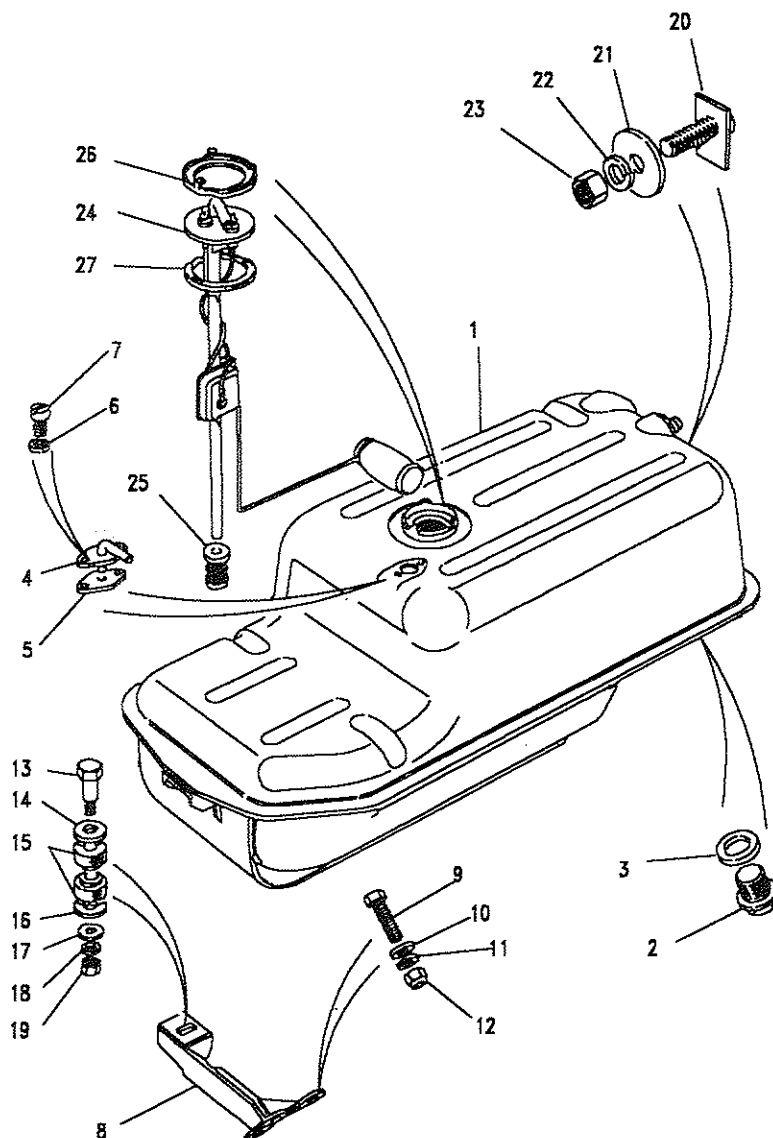
#### III. Part No.

#### Description

#### Qty Remarks

#### Upto VIN 243342

|    |           |                  |   |               |
|----|-----------|------------------|---|---------------|
| 1  | NRC9225   | Tank fuel        | 1 | 12 gallon     |
| 2  | NRC62     | Plug drain       | 1 |               |
| 3  | 243958    | Washer           | 1 |               |
| 4  | NRC9543   | Pipe fuel return | 1 |               |
| 5  | 267837    | Washer joint     | 1 | Upto MA948143 |
|    | ESR3277   | Washer joint     | 1 | From MA948144 |
| 6  | 3101      | Washer spring    | 2 |               |
| 7  | 3972      | Screw            | 2 |               |
| 8  | NRC9474   | Bracket mounting | 1 |               |
| 9  | SH108401L | Bolt             | 3 |               |
| 10 | WA108051L | Washer plain     | 3 |               |
| 11 | WL108001L | Washer spring    | 3 |               |
| 12 | NY108041L | Nut              | 3 |               |
| 13 | NRC4765   | Bolt             | 1 |               |
| 14 | 2265L     | Washer plain     | 1 |               |
| 15 | 90508545  | Bush rubber      | 2 |               |
| 16 | WP185L    | Washer plain     | 1 |               |
| 17 | WA108051L | Washer plain     | 1 |               |
| 18 | WL108001L | Washer spring    | 1 |               |
| 19 | FN108041L | Nut              | 1 |               |
| 20 | NRC9682   | Boltplate        | 2 |               |
| 21 | WC108051L | Washer plain     | 4 |               |
| 22 | WL108001L | Washer spring    | 2 |               |
| 23 | FN108041L | Nut              | 2 |               |
| 24 | PRC4262   | Fuel level unit  | 1 |               |
| 25 | PRC2476   | Filter           | 1 |               |
| 26 | ARA1501L  | Ring locking     | 1 |               |
| 27 | ARA1502L  | Ring sealing     | 1 |               |



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### FUEL SYSTEM - FUEL TANK

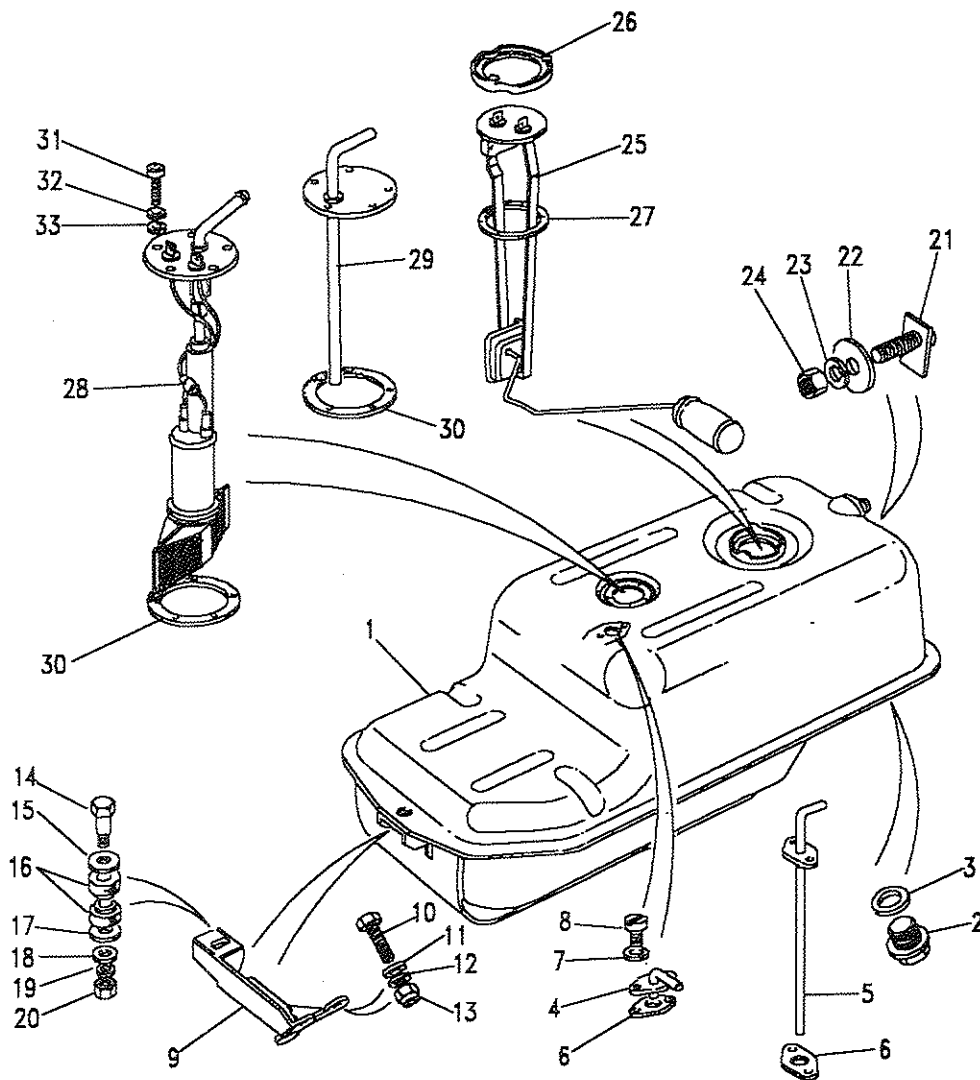
#### III. Part No.

#### Description

#### Qty Remarks

#### From VIN 243343

|    |           |                  |   |                 |
|----|-----------|------------------|---|-----------------|
| 1  | NTC2088   | Tank fuel        | 1 | 12 gallon       |
| 2  | NRC62     | Plug drain       | 1 |                 |
| 3  | 243958    | Washer           | 1 |                 |
| 4  | NRC9543   | Pipe fuel return | 1 | Petrol          |
| 5  | NRC9678   | Pipe fuel return | 1 | Diesel          |
| 6  | 267837    | Washer joint     | 1 |                 |
| 7  | 3101      | Washer spring    | 2 |                 |
| 8  | 3972      | Screw            | 2 |                 |
| 9  | NRC9474   | Bracket mounting | 1 |                 |
| 10 | SH108401L | Screw            | 3 |                 |
| 11 | WA108051L | Washer plain     | 3 |                 |
| 12 | WL108001L | Washer spring    | 3 |                 |
| 13 | NY108041L | Nut              | 3 |                 |
| 14 | NRC4765   | Bolt             | 1 |                 |
| 15 | 2265L     | Washer plain     | 1 |                 |
| 16 | 90508545  | Washer rubber    | 2 |                 |
| 17 | WP185L    | Washer plain     | 1 |                 |
| 18 | WA108051L | Washer plain     | 1 |                 |
| 19 | WL108001L | Washer spring    | 1 |                 |
| 20 | FN108041L | Nut              | 1 |                 |
| 21 | NRC9682   | Boltplate        | 2 |                 |
| 22 | WC108051L | Washer plain     | 4 |                 |
| 23 | WL108001L | Washer spring    | 2 |                 |
| 24 | FN108041L | Nut              | 2 |                 |
| 25 | STC1139   | Fuel level unit  | 1 |                 |
| 26 | ARA1501L  | Ring locking     | 1 |                 |
| 27 | ARA1502L  | Ring sealing     | 1 |                 |
| 28 | PRC7019   | Pump fuel        | 1 | Petrol          |
|    | RTC6545   | Connector        | 1 | Petrol          |
| 29 | NTC2159   | Pipe fuel feed   | 1 | Upto VIN 345761 |
| 30 | PRC5852   | Ring sealing     | 1 | Diesel          |
|    | ESR3278   | Ring sealing     | 1 | Upto MA946570   |
| 31 | SE105121L | Screw            | 5 | From MA946571   |
| 32 | WL105001L | Washer spring    | 5 |                 |





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FUEL SYSTEM AND AIR CLEANER

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FUEL SYSTEM - FUEL TANK

III. Part No.

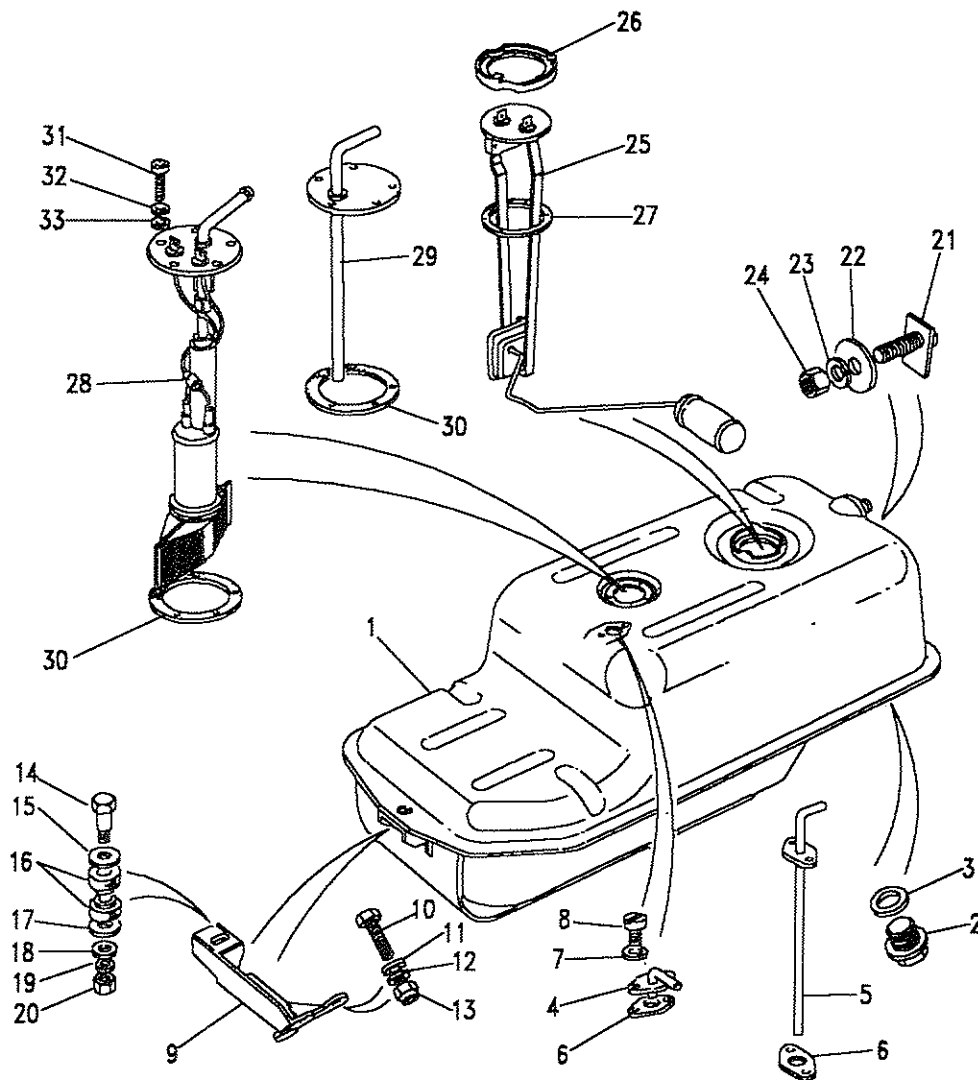
Description

Qty Remarks

33 WA105001L

Washer plain

5

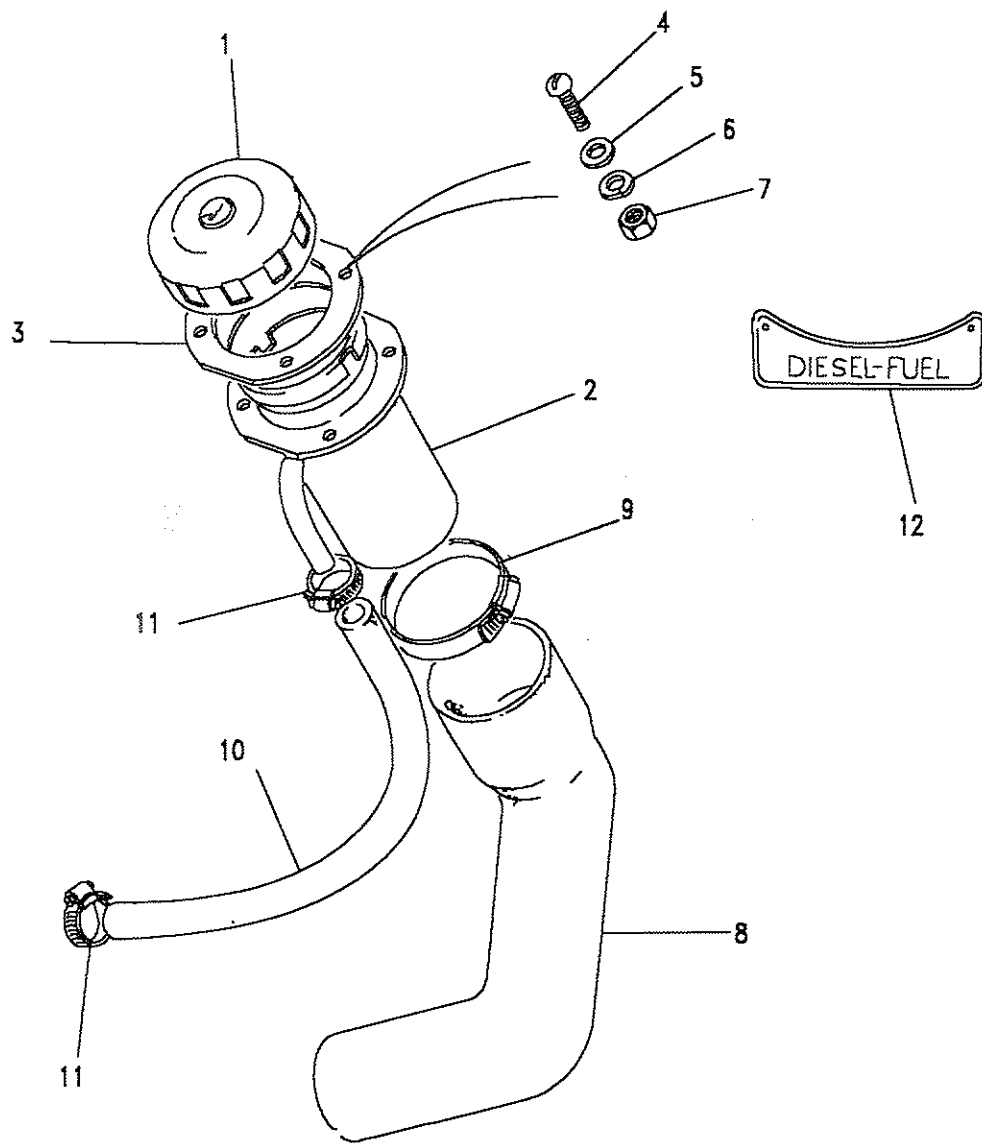


**Model** DEFENDER 90  
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### FUEL SYSTEM - FUEL FILLER

| III. Part No.          | Description             | Qty | Remarks                     |
|------------------------|-------------------------|-----|-----------------------------|
| <b>Upto VIN 259678</b> |                         |     |                             |
| 1 NRC9572              | Cap fuel filler         | 1   | Nonlock/Vented Two Lug      |
| NRC9429                | Cap fuel filler         | 1   | Nonlock/Nonvented Three Lug |
| 2 NRC9424              | Filler fuel             | 1   | )Note(1)<br>)               |
| NRC9423                | Filler fuel - antispill | 1   |                             |
| 3 500710               | Seal                    | 1   |                             |
| 4 77941                | Screw                   | 4   |                             |
| 5 WC702101L            | Washer plain            | 4   |                             |
| 6 WL700101L            | Washer spring           | 4   |                             |
| 7 RTC608               | Nut                     | 4   |                             |
| 8 NRC9291              | Hose fuel filler        | 1   |                             |
| 9 594753               | Clip hose               | 2   |                             |
| 10 NTC1049             | Hose breather           | 1   |                             |
| 11 572548              | Clip hose               | 2   |                             |
| 12 502951              | Label                   | 1   |                             |

Note(1) The cork seal built into filler cannot be serviced.





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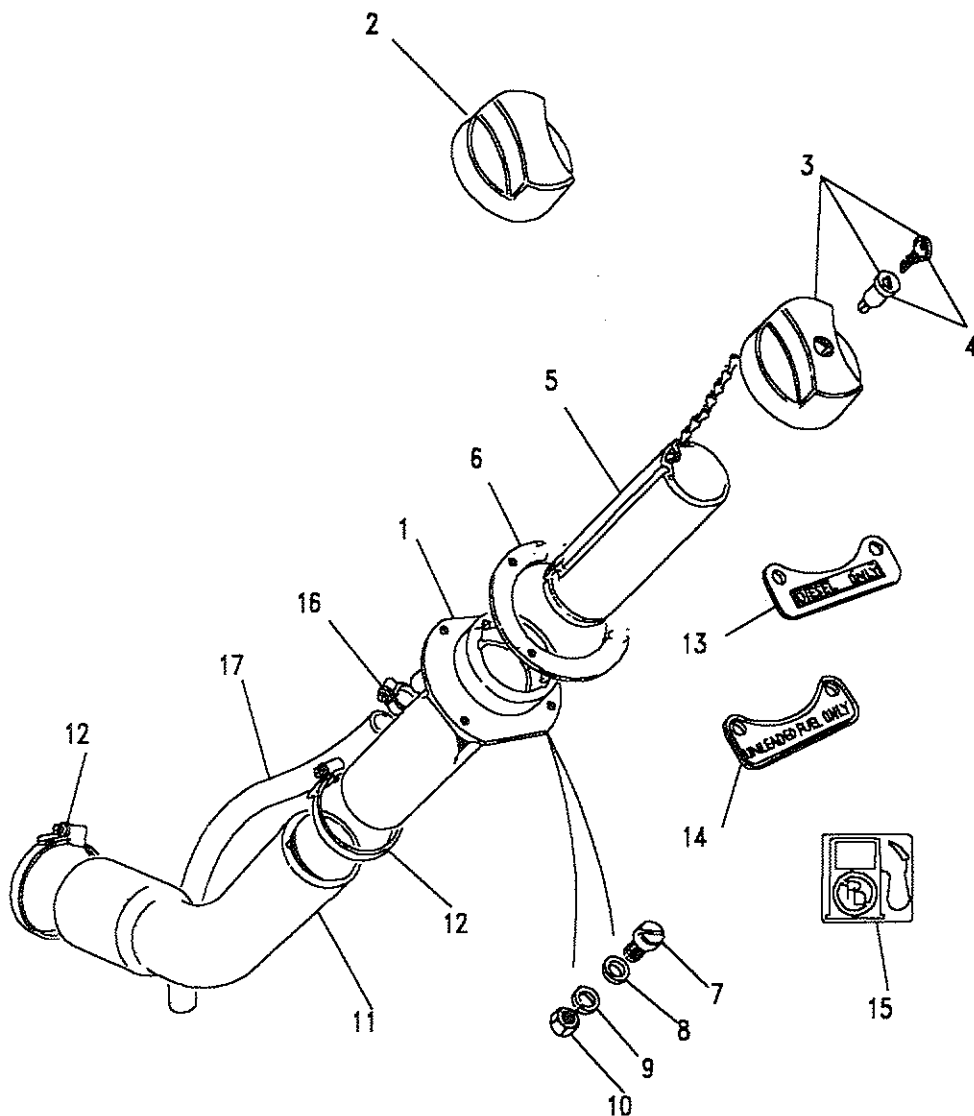
FUEL SYSTEM AND AIR CLEANER

Model DEFENDER 90

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FUEL SYSTEM - FUEL FILLER

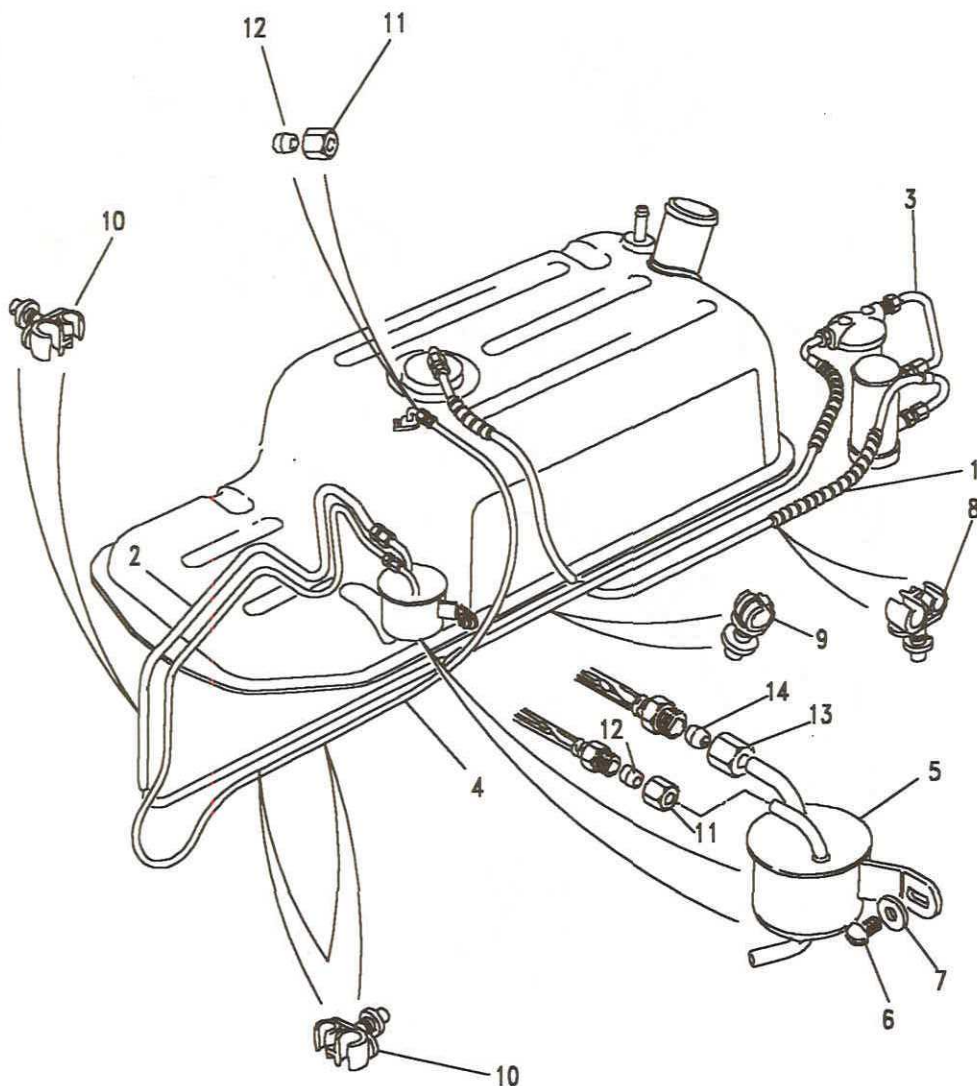
| III. Part No.   | Description          | Qty | Remarks           |
|-----------------|----------------------|-----|-------------------|
| From VIN 259679 |                      |     |                   |
| 1 NTC2676       | Filler fuel          | 1   |                   |
| NTC2690         | Filler fuel          | 1   | Unleaded          |
| 2 NTC2757       | Cap fuel filler      | 1   | Nonlock/Vented    |
|                 |                      |     | 2 Lug Black       |
| 3 RTC4740       | Cap fuel filler      | 1   | Locking/Vented    |
|                 |                      |     | 2 Lug Black       |
| RTC4741         | Cap fuel filler      | 1   | Locking/Nonvented |
|                 |                      |     | 2 Lug Grey        |
| 4 RTC3022       | Barrel lock and keys | 1   |                   |
| 5 NTC2655       | Extension tube       | 1   | Optional          |
| 6 NTC2229       | Seal                 | 1   | Upto VIN JA910667 |
| ESR1650         | Seal                 | 1   | From VIN JA910668 |
| 7 77941         | Screw                | 4   |                   |
| 8 WC702101L     | Washer plain         | 4   |                   |
| 9 WL700101L     | Washer spring        | 4   |                   |
| 10 RTC608       | Nut                  | 4   |                   |
| 11 NTC2338      | Hose fuel filler     | 1   |                   |
| 12 594753       | Clip hose            | 2   |                   |
| 13 502951       | Label                | 1   |                   |
| 14 NTC2914      | Label                | 1   | 4 cylinder        |
|                 |                      |     | Upto VIN FA441452 |
|                 |                      |     | V8                |
|                 |                      |     | Upto VIN FA441373 |
|                 |                      |     | 4 cylinder        |
|                 |                      |     | From VIN FA441453 |
|                 |                      |     | V8                |
|                 |                      |     | From VIN FA441374 |
| 15 NTC7503      | Label                | 1   |                   |
| 15 NTC7503      | Label                | 1   |                   |
| 16 572548       | Clip hose            | 2   |                   |
| 17 NTC1049      | Hose breather        | 1   |                   |

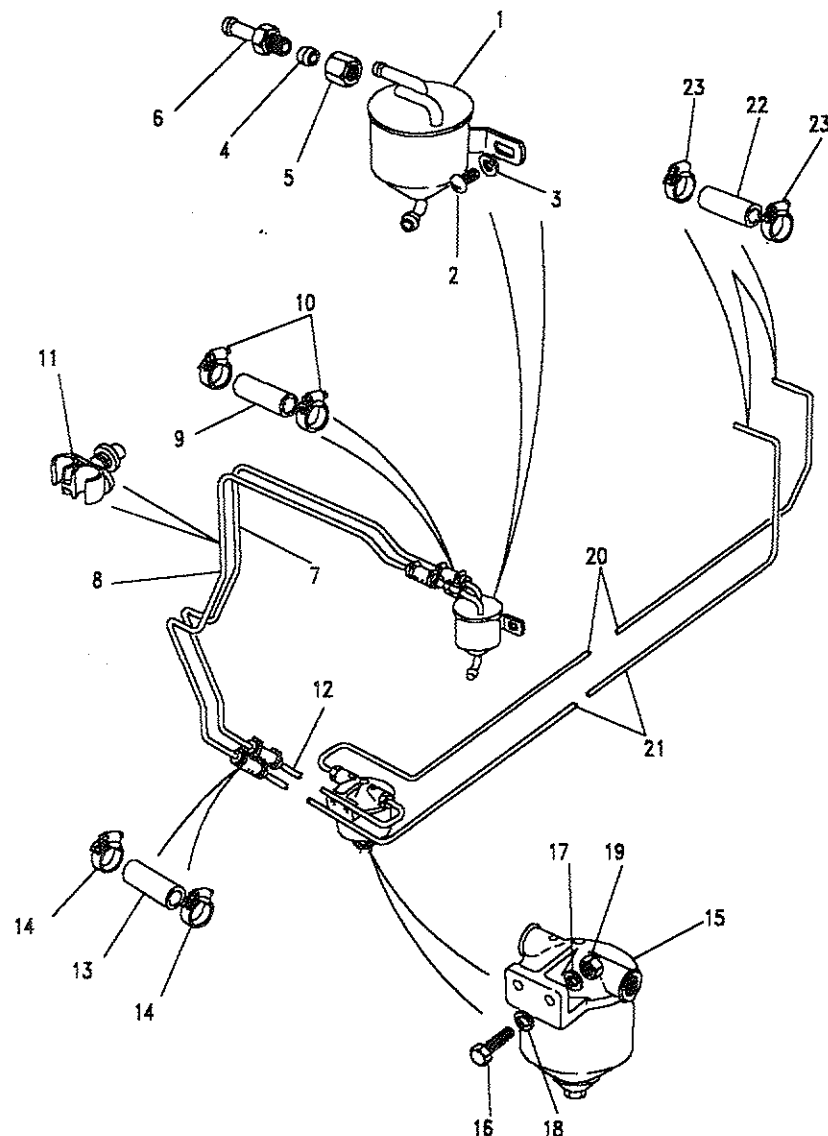


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**Page** ADJXE1A

### FUEL SYSTEM - SEPARATOR AND PIPES - 4 CYL PETROL

| Ill. Part No.                                   | Description                              | Qty | Remarks |
|-------------------------------------------------|------------------------------------------|-----|---------|
| <b>Upto introduction of 'in tank' fuel pump</b> |                                          |     |         |
| 1 NRC8919                                       | Pipe fuel-feed<br>-tank to pump          | 1   |         |
| 2 NRC9536                                       | Pipe fuel<br>-filter to separator        | 1   |         |
| 3 NRC7930                                       | Pipe fuel<br>-pump to filter             | 1   |         |
| 4 NRC8918                                       | Pipe fuel-spill<br>-spill return to tank | 1   |         |
| 5 NRC9772                                       | Separator vapour                         | 1   |         |
| 6 72628                                         | Screw                                    | 2   |         |
| 7 WJ106001L                                     | Washer                                   | 2   |         |
| 8 AFU1077L                                      | Clip swivel                              | 1   |         |
| 9 79121                                         | Clip                                     | 7   |         |
| 9 79122                                         | Clip                                     | 2   |         |
| 10 NRC5415                                      | Clip                                     | 10  |         |
| 11 603431                                       | Nut union                                | A/R |         |
| 12 542846                                       | Olive                                    | A/R |         |
| 13 534790                                       | Nut union                                | 1   |         |
| 14 534797                                       | Olive                                    | 1   |         |





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## FUEL SYSTEM - SEPARATOR, FILTER, PIPES - 4 CYL PETROL

| III. Part No.                            | Description               | Qty | Remarks         |
|------------------------------------------|---------------------------|-----|-----------------|
| From introduction of 'in tank' fuel pump |                           |     |                 |
| 1 NRC9772                                | Separator vapour          | 1   |                 |
| 2 AB614061L                              | Screw                     | 2   |                 |
| 3 WJ106001L                              | Washer                    | 2   |                 |
| 4 NRC9771                                | Olive                     | 1   | Upto VIN 295565 |
| 5 NRC9770                                | Nut union                 | 1   | Upto VIN 295565 |
|                                          | NRC9771                   | 2   | From VIN 295566 |
|                                          | NRC9770                   | 2   | From VIN 295566 |
| 6 NTC2223                                | Restrictor                | 1   | Upto VIN 295565 |
| 7 NTC2224                                | Pipe fuel-feed (metal)    | 1   | Upto VIN 295565 |
|                                          | -to vapour separator      |     |                 |
|                                          | NTC3866                   | 1   | From VIN 295566 |
|                                          | Pipe fuel-feed (plastic)  |     |                 |
|                                          | -to vapour separator      |     |                 |
| 8 NTC2073                                | Pipe fuel-spill (metal)   | 1   | Upto VIN 295565 |
|                                          | -from vapour separator    |     |                 |
|                                          | NTC3867                   | 1   | From VIN 295566 |
|                                          | Pipe fuel-spill (plastic) |     |                 |
|                                          | -from vapour separator    |     |                 |
| 9 NTC2876                                | Hose                      | 2   | Upto VIN 295565 |
|                                          | NTC2876                   | 1   | From VIN 295566 |
| 10 CN100168L                             | Clip hose                 | 4   | Upto VIN 295565 |
|                                          | CN100168L                 | 2   | From VIN 295566 |
| 11 79158                                 | Pipe Clip                 | 2   |                 |
|                                          | NRC5415                   | 4   |                 |
| 12 NTC2069                               | Pipe fuel-feed            | 1   | Upto VIN 295565 |
|                                          | -from filter              |     |                 |
| 13 NTC2876                               | Hose                      | 2   | Upto VIN 295565 |
| 14 CN100168L                             | Clip hose                 | 4   | Upto VIN 295565 |
| 15 NRC9786                               | Filter fuel               | 1   |                 |
|                                          | JS660L                    | 1   |                 |
| 16 FS106201L                             | Flange screw              | 2   |                 |
| 17 WA106001L                             | Washer plain              | 2   |                 |
| 18 WL106001L                             | Washer spring             | 2   |                 |
| 19 NH106041L                             | Nut                       | 2   |                 |
| 20 NTC2077                               | Pipe fuel-feed            | 1   |                 |
|                                          | -from tank                |     |                 |
| 21 NTC2078                               | Pipe fuel-spill           | 1   |                 |



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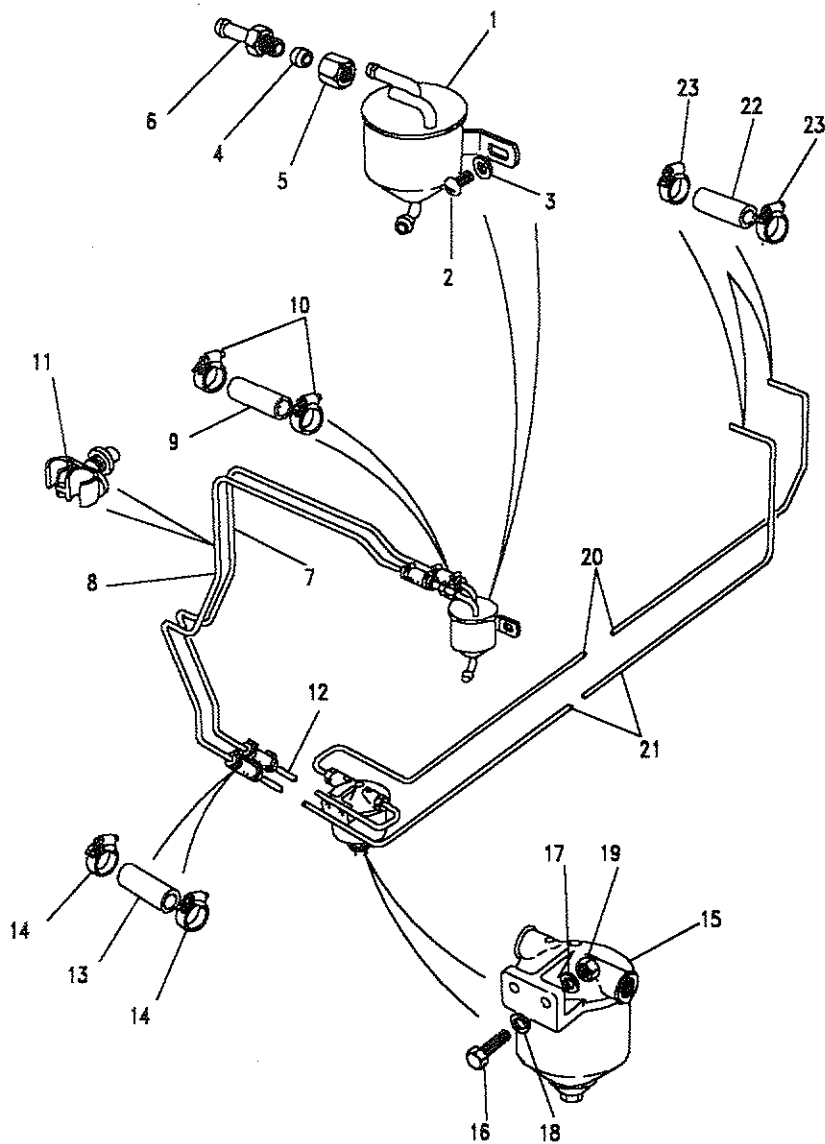
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FUEL SYSTEM AND AIR CLEANER

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FUEL SYSTEM - SEPARATOR, FILTER, PIPES - 4 CYL PETROL

| III. Part No. | Description | Qty | Remarks   |
|---------------|-------------|-----|-----------|
| 22            | NTC2876     |     | -to tank  |
| 23            | CN100168L   | 2   | Hose      |
|               |             | 4   | Clip hose |

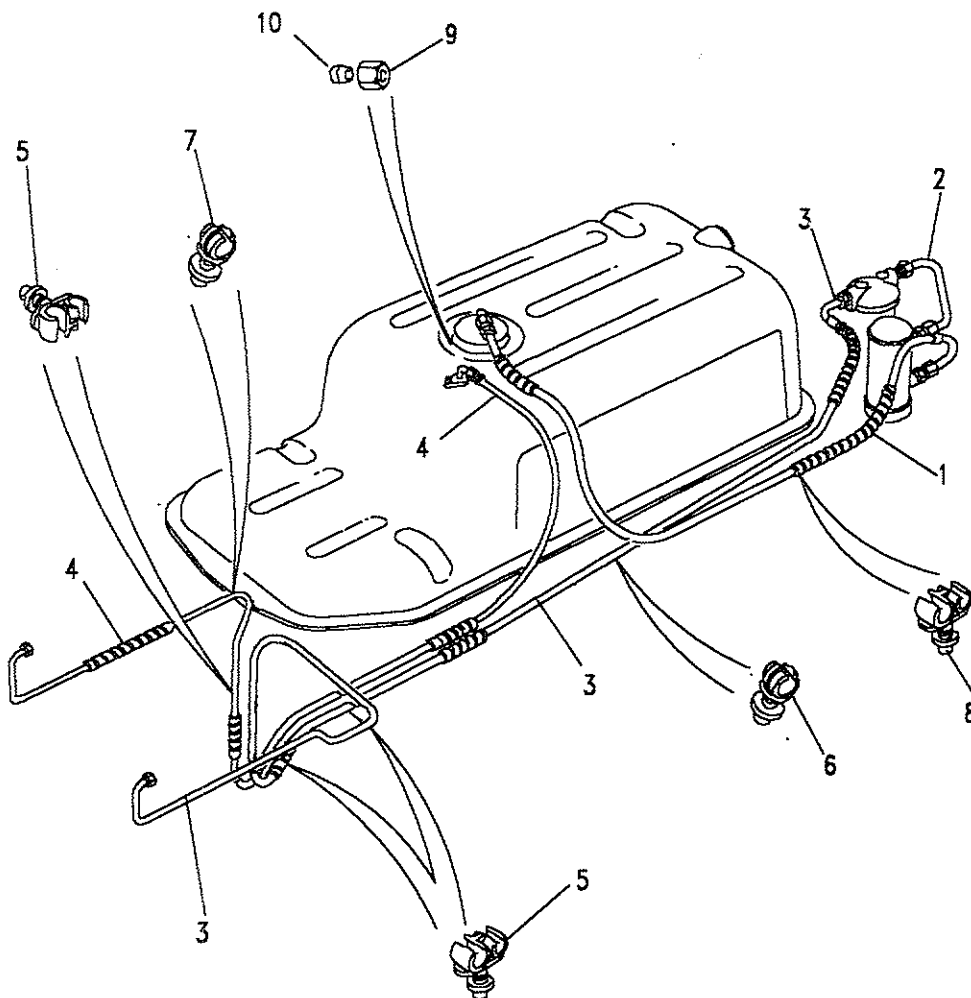


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### FUEL SYSTEM - FUEL PIPES - V8

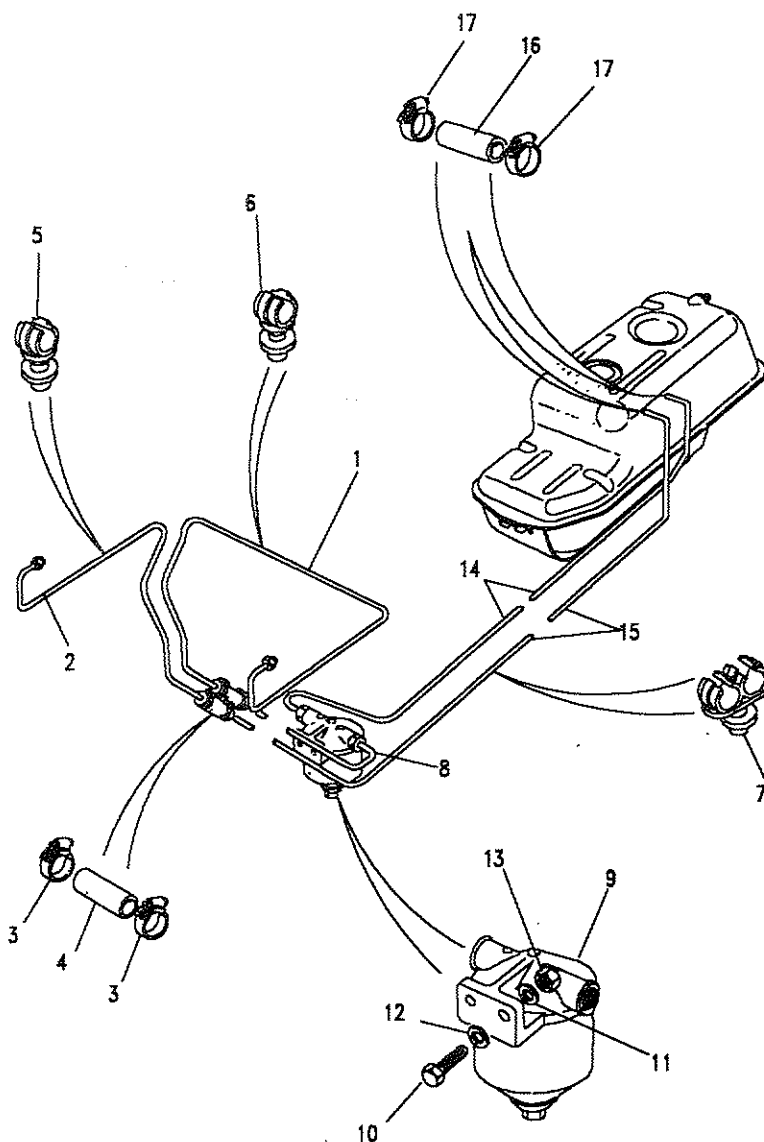
| III. Part No.                            | Description                         | Qty | Remarks |
|------------------------------------------|-------------------------------------|-----|---------|
| Upto introduction of 'in tank' fuel pump |                                     |     |         |
| 1 NRC8919                                | Pipe fuel<br>-tank to pump-feed     | 1   |         |
| 2 NRC7930                                | Pipe fuel<br>-pump to filter        | 1   |         |
| 3 NRC8921                                | Pipe fuel<br>-filter to carburetter | 1   |         |
| 4 NRC8917                                | Pipe fuel<br>-spill return to tank  | 1   |         |
| 5 NRC4514                                | Clip                                | 3   |         |
| 6 79121                                  | Clip                                | 4   |         |
| 7 79122                                  | Clip                                | 1   |         |
| 8 AFU1107                                | Clip swivel                         | 1   |         |
| 9 603431                                 | Nut union                           | A/R |         |
| 10 542846                                | Olive                               | A/R |         |



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### FUEL SYSTEM - FILTER AND PIPES - V8



| III. Part No.                                   | Description                              | Qty | Remarks |
|-------------------------------------------------|------------------------------------------|-----|---------|
| <b>From introduction of 'in tank' fuel pump</b> |                                          |     |         |
| 1 NTC2120                                       | Pipe fuel-feed<br>-to carburetter        | 1   |         |
| NTC3692                                         | Pipe fuel-feed<br>-filter to carburetter | 1   | SU Carb |
| 2 NTC2122                                       | Pipe fuel-spill<br>-carburetter to hose  | 1   |         |
| 3 CN100168L                                     | Clip hose                                | 2   |         |
| 4 NTC2876                                       | Hose                                     | 2   |         |
| 5 79122                                         | Pipe Clip                                | 1   |         |
| 6 79121                                         | Pipe Clip                                | 3   |         |
| 7 79158                                         | Pipe Clip                                | 5   |         |
| 8 NTC2069                                       | Pipe fuel-feed                           | 1   |         |
| 9 NRC9786                                       | Filter fuel                              | 1   |         |
| JS660L                                          | Element                                  | 1   |         |
| 10 FS106201L                                    | Flange screw                             | 2   |         |
| 11 WA106001L                                    | Washer plain                             | 2   |         |
| 12 WL106001L                                    | Washer spring                            | 2   |         |
| 13 NH106041L                                    | Nut                                      | 2   |         |
| 14 NTC2077                                      | Pipe fuel-feed<br>-tank to filter        | 1   |         |
| 15 NTC2078                                      | Pipe fuel-spill<br>-hose to tank         | 1   |         |
| 16 NTC2876                                      | Hose                                     | 2   |         |
| 17 CN100168L                                    | Clip hose                                | 4   |         |



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## FUEL SYSTEM - FUEL PIPES - DIESEL

## III. Part No.

## Description

## Qty Remarks

## Without Sedimentor

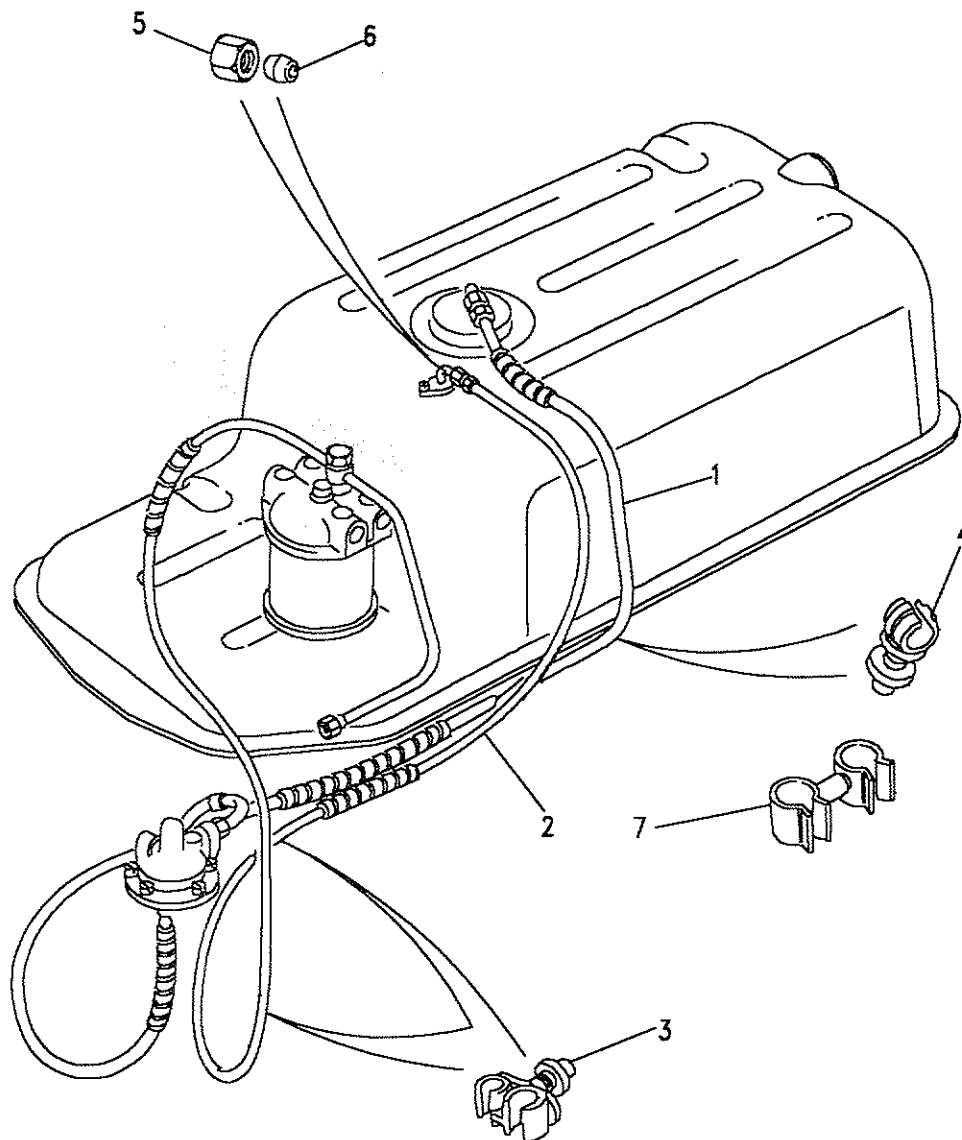
|   |         |                                     |   |                 |
|---|---------|-------------------------------------|---|-----------------|
| 1 | NRC8920 | Pipe fuel<br>-tank to lift pump     | 1 | Upto VIN 327014 |
|   | NTC4600 | Pipe fuel<br>-tank to lift pump     | 1 | From VIN 327015 |
| 2 | NRC8916 | Pipe fuel<br>-spillrail/filter/tank | 1 | Note(1)         |
|   | NTC3492 | Pipe fuel<br>-spill rail to filter  | 1 | Note(2)         |
|   | NTC3490 | Pipe fuel<br>-filter to tank        | 1 | Note(2)         |
|   | NTC4604 | Pipe fuel<br>-spill rail to filter  | 1 | From VIN 327015 |
|   | NTC4598 | Pipe fuel<br>-filter to tank        | 1 | From VIN 327015 |
|   | NTC5728 | Pipe fuel<br>-spill rail to tank    | 1 | 200Tdi          |
| 3 | NRC5415 | Pipe Clip                           | 3 |                 |
| 4 | 79121   | Pipe Clip                           | 1 |                 |
| 5 | 603431  | Nut union-UNF                       | 2 | Upto VIN 327014 |
|   | NRC9770 | Nut union-metric                    | 2 | From VIN 327015 |
| 6 | 542846  | Olive                               | 2 | Upto VIN 327014 |
|   | NRC9771 | Olive                               | 2 | From VIN 327015 |
| 7 | ESR301  | Clip swivel                         | 1 | 200Tdi          |

Note(1)

Upto Engine nos 12J35306C, 19J07163C

Note(2)

From Engine nos 12J35307C, 19J07164C upto VIN 327014

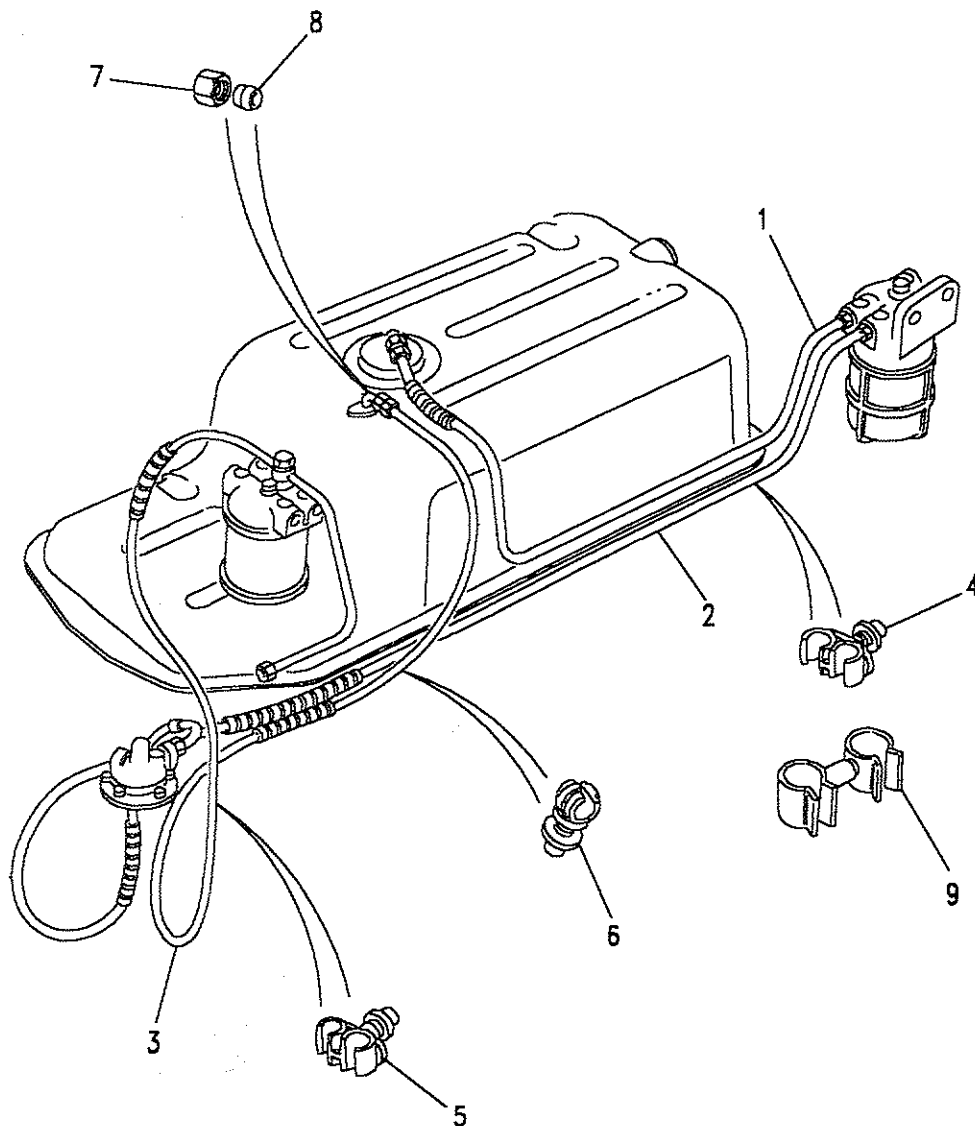


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### FUEL SYSTEM - FUEL PIPES - DIESEL

| III. Part No.          | Description                         | Qty | Remarks         |
|------------------------|-------------------------------------|-----|-----------------|
| <b>With Sedimentor</b> |                                     |     |                 |
| 1 NRC8922              | Pipe fuel<br>-tank to sedimentor    | 1   | Upto VIN 327014 |
| NTC4601                | Pipe fuel<br>-tank to sedimentor    | 1   | From VIN 327015 |
| 2 NRC8923              | Pipe fuel<br>-sedimentor to pump    | 1   |                 |
| 3 NRC8916              | Pipe fuel<br>-spillrail/filter/tank | 1   | Note(1)         |
| NTC3492                | Pipe fuel<br>-spill rail to filter  | 1   | Note(2)         |
| NTC3490                | Pipe fuel<br>-filter to tank        | 1   | Note(2)         |
| NTC4604                | Pipe fuel<br>-spill rail to filter  | 1   | From VIN 327015 |
| NTC4598                | Pipe fuel<br>-filter to tank        | 1   | From VIN 327015 |
| NTC5728                | Pipe fuel<br>-spill rail to tank    | 1   | 200Tdi          |
| 4 AFU1107              | Pipe Clip                           | 1   |                 |
| 5 NRC5415              | Pipe Clip                           | 3   |                 |
| 6 79121                | Pipe Clip                           | 1   |                 |
| 7 603431               | Nut union-UNF                       | 1   | Upto VIN 327014 |
| NRC9770                | Nut union-metric                    | 1   | From VIN 327015 |
| 8 542846               | Olive                               | 1   | Upto VIN 327014 |
| NRC9771                | Olive                               | 1   | From VIN 327015 |
| 9 ESR301               | Clip swivel                         | 1   | 200Tdi          |

Note(1) Upto Engine nos 12J35306C, 19J07163C  
Note(2) From Engine nos 12J35307C, 19J07164C upto VIN 327014





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FUEL SYSTEM - FUEL PIPES - DIESEL AND DIESEL TURBO

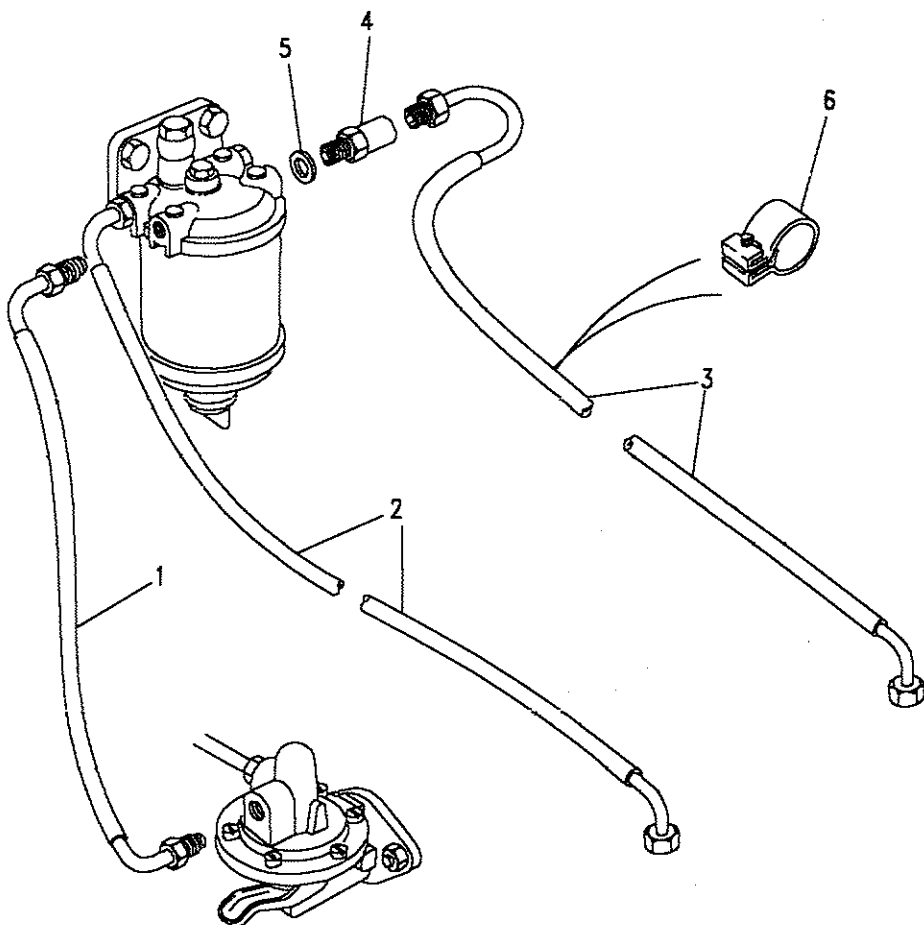
| III. Part No. | Description               | Qty | Remarks |
|---------------|---------------------------|-----|---------|
| 1 ETC6903     | Pipe fuel                 | 1   | Note(1) |
|               | -lift pump to filter      |     |         |
| ERR244        | Pipe fuel                 | 1   | Note(2) |
|               | -lift pump to filter      |     |         |
| 2 ETC6901     | Pipe fuel                 | 1   |         |
|               | -filter to dps pump-feed  |     |         |
| 3 ETC6902     | Pipe fuel                 | 1   |         |
|               | -dps pump to filter-spill | 1   |         |
| 4 AAU3509     | Valve non return          | 1   |         |
| 5 517706      | Joint Washer              | 1   |         |
| 6 578293      | Clip hose                 | 6   | Sweden  |

Note(1)

Upto Engine nos 12J41642C, 19J20835C

Note(2)

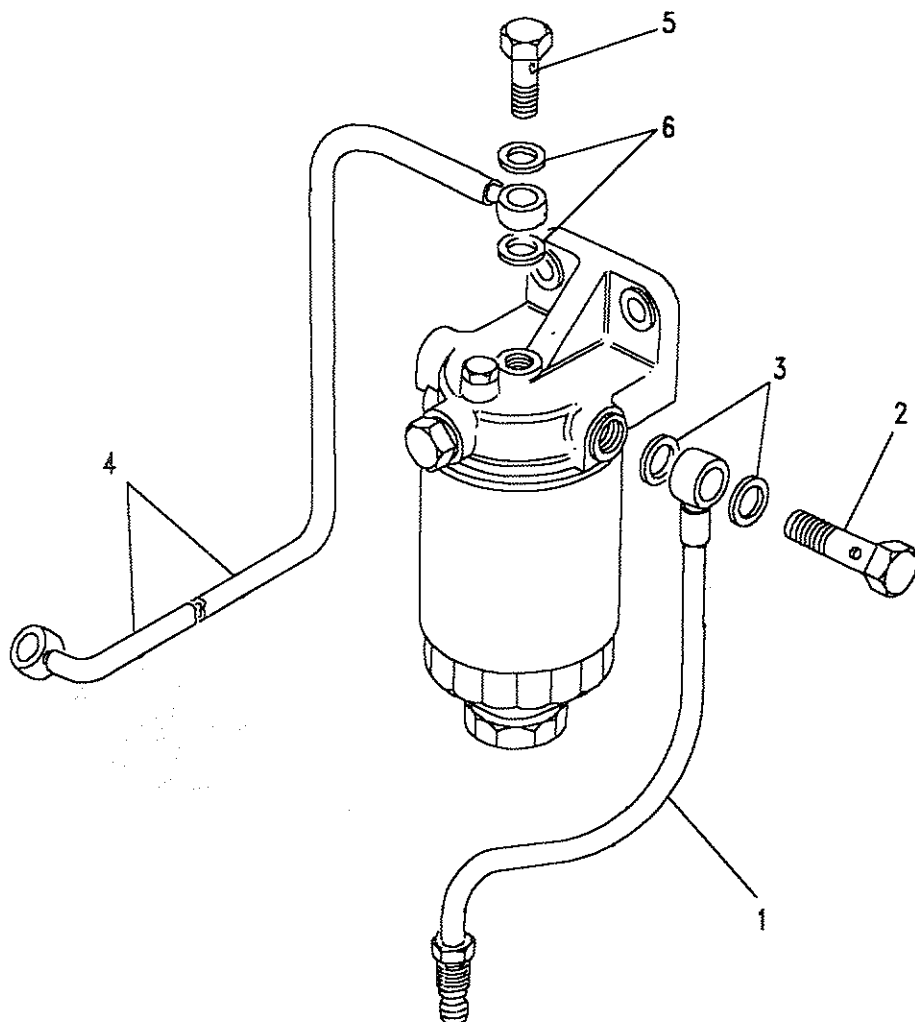
From Engine nos 12J41643C, 19J20836C



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### FUEL SYSTEM - FUEL PIPES - 200 TDI

| III. Part No. | Description                            | Qty | Remarks |
|---------------|----------------------------------------|-----|---------|
| 1 ESR394      | Pipe fuel<br>-lift pump to filter      | 1   |         |
| 2 NTC3346     | Bolt banjo                             | 2   |         |
| 3 ESR354      | Washer copper                          | 4   |         |
| 4 ESR395      | Pipe fuel<br>-filter to injection pump | 1   |         |
| 5 NTC3346     | Bolt banjo                             | 1   |         |
| 6 ESR354      | Washer copper                          | 2   |         |

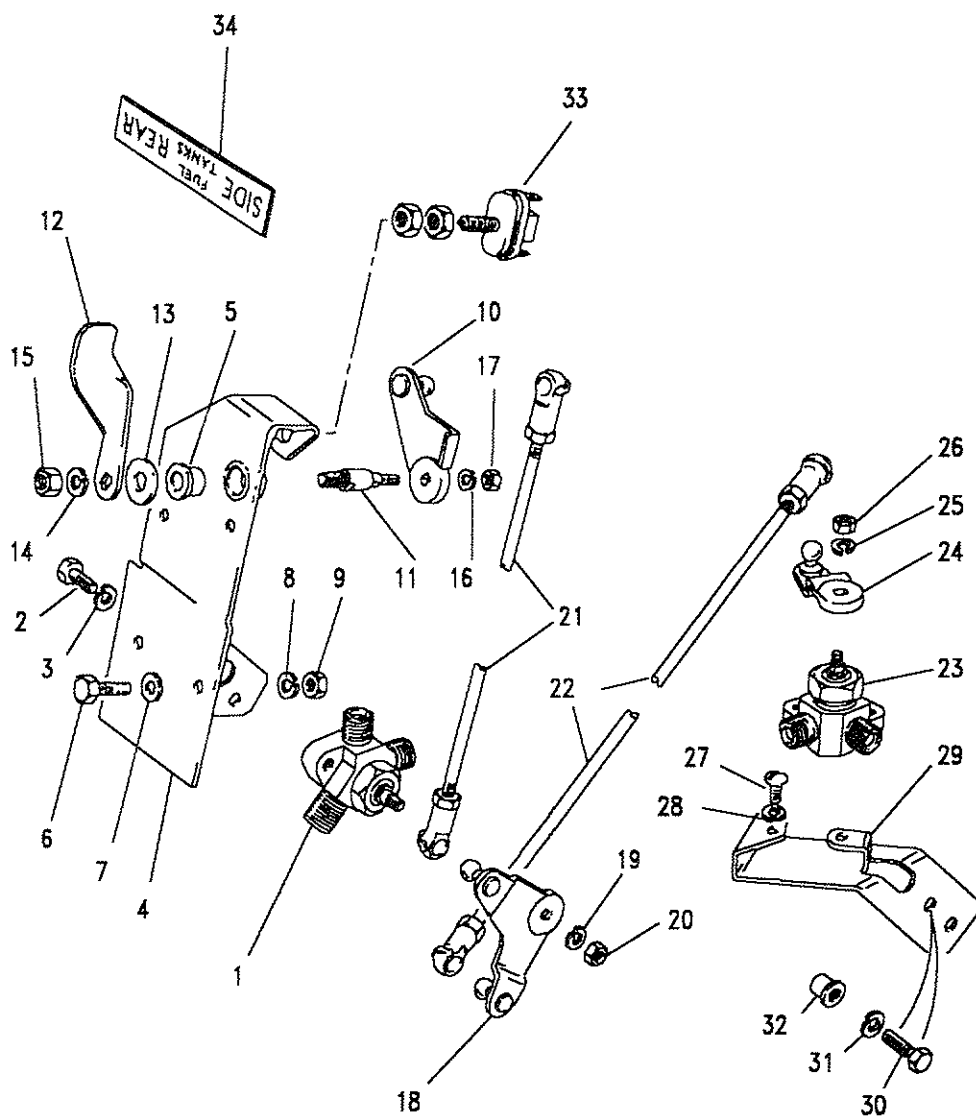


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### FUEL SYSTEM - FUEL PIPES - 300 TDI

| III. Part No. | Description               | Qty | Remarks |
|---------------|---------------------------|-----|---------|
| 1 ESR3132     | Pipe fuel - tank/LP       | 1   |         |
| 2 ESR3118     | Pipe fuel twin            | 1   |         |
|               | - LP/filter & filter/HP   |     |         |
| 3 ESR3129     | Pipe fuel - sedimentor/LP | 1   |         |
| 4 ESR3125     | Pipe fuel - spill/tank    | 1   |         |
| 5 ESR3135     | Bracket pipe clip         | 1   |         |
| 6 ESR1373     | Clip pipe                 | A/R |         |



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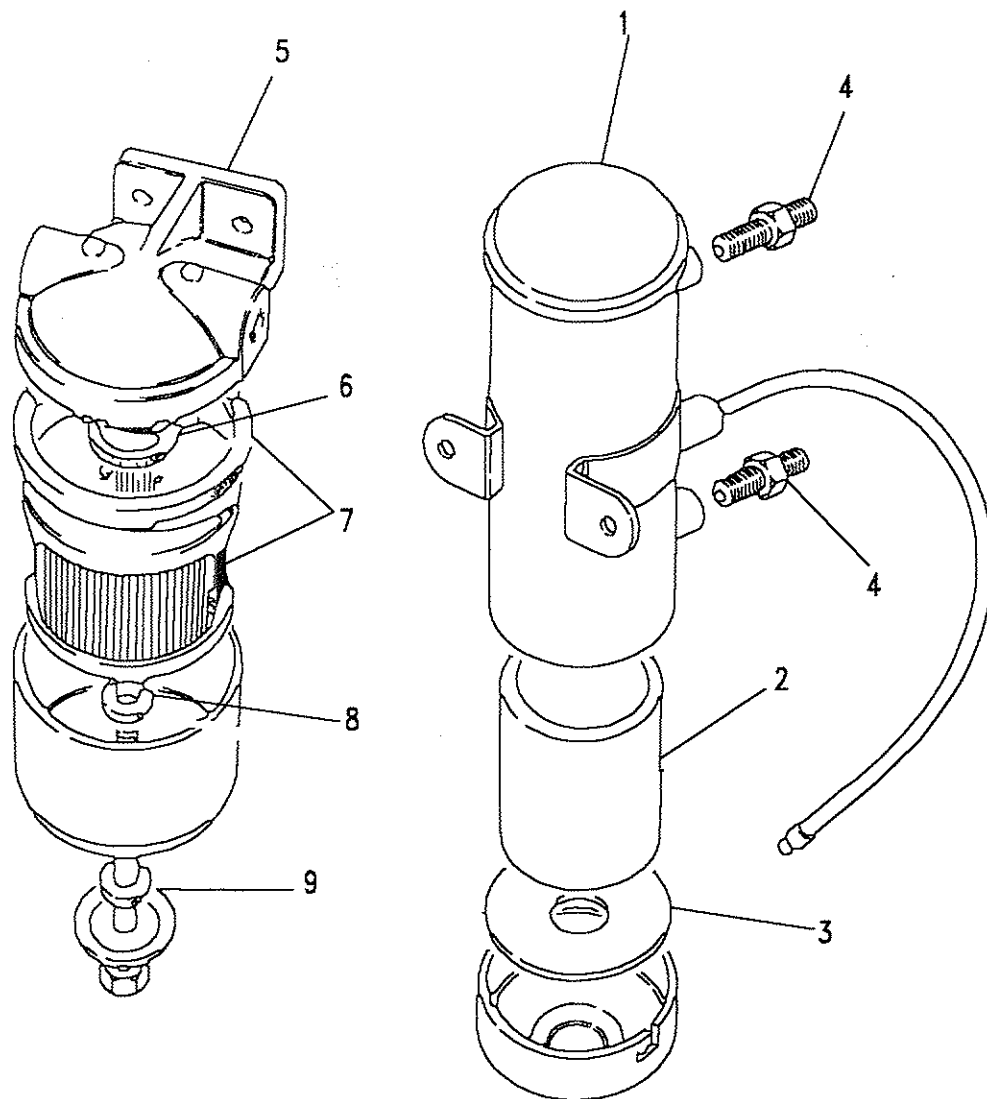
**Page** ADJXGA1A

### FUEL SYSTEM - PUMP AND FILTER - PETROL

| III. Part No. | Description | Qty | Remarks |
|---------------|-------------|-----|---------|
|---------------|-------------|-----|---------|

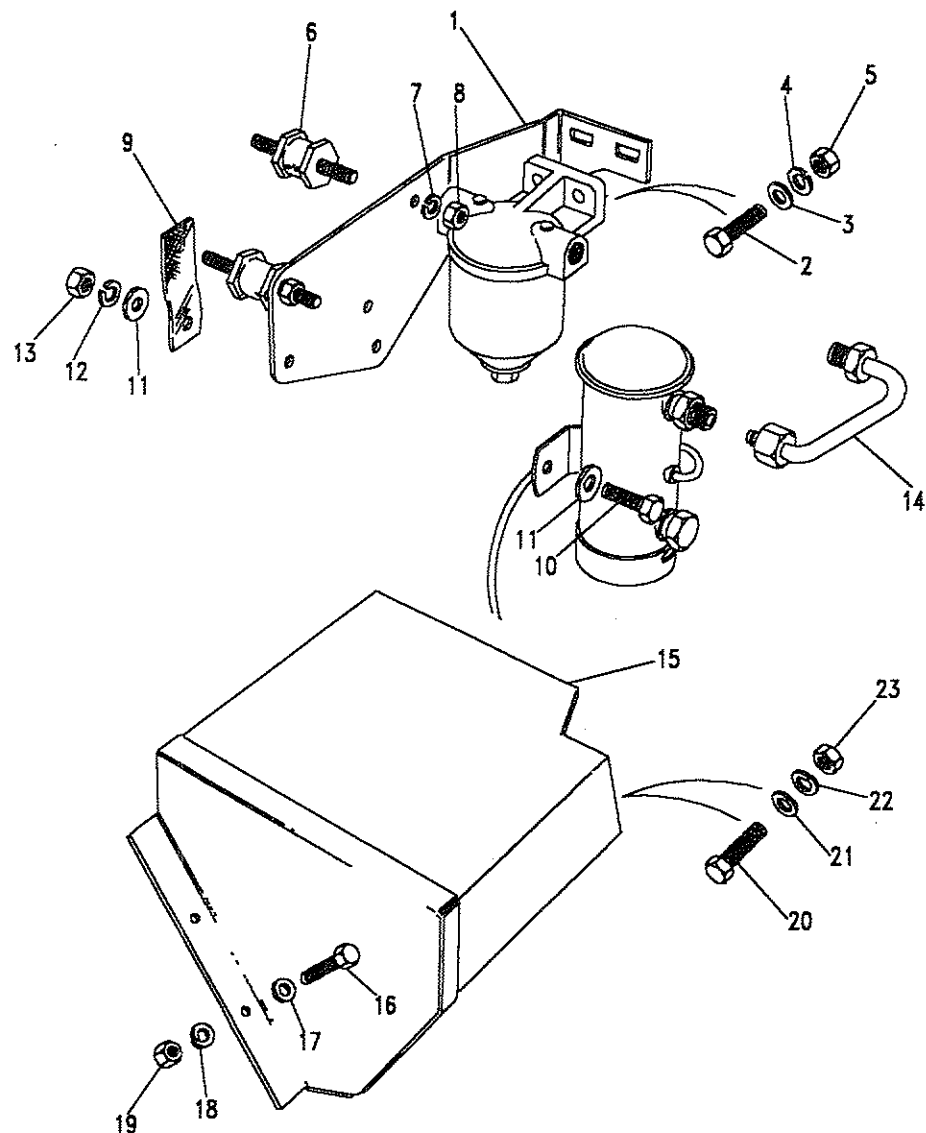
Upto introduction of 'in tank' fuel pump

|   |          |   |                    |
|---|----------|---|--------------------|
| 1 | PRC3901  | 1 | Pump fuel-electric |
| 2 | 90606262 | 1 | Filter             |
| 3 | 90606261 | 1 | Gasket             |
| 4 | 572535   | 2 | Adaptor            |
| 5 | 90577064 | 1 | Filter fuel        |
| 6 | JS657L   | 1 | Gasket             |
| 7 | JS660L   | 1 | Element            |
| 8 | AEU1147  | 1 | Seal               |
| 9 | 606207   | 1 | Seal               |



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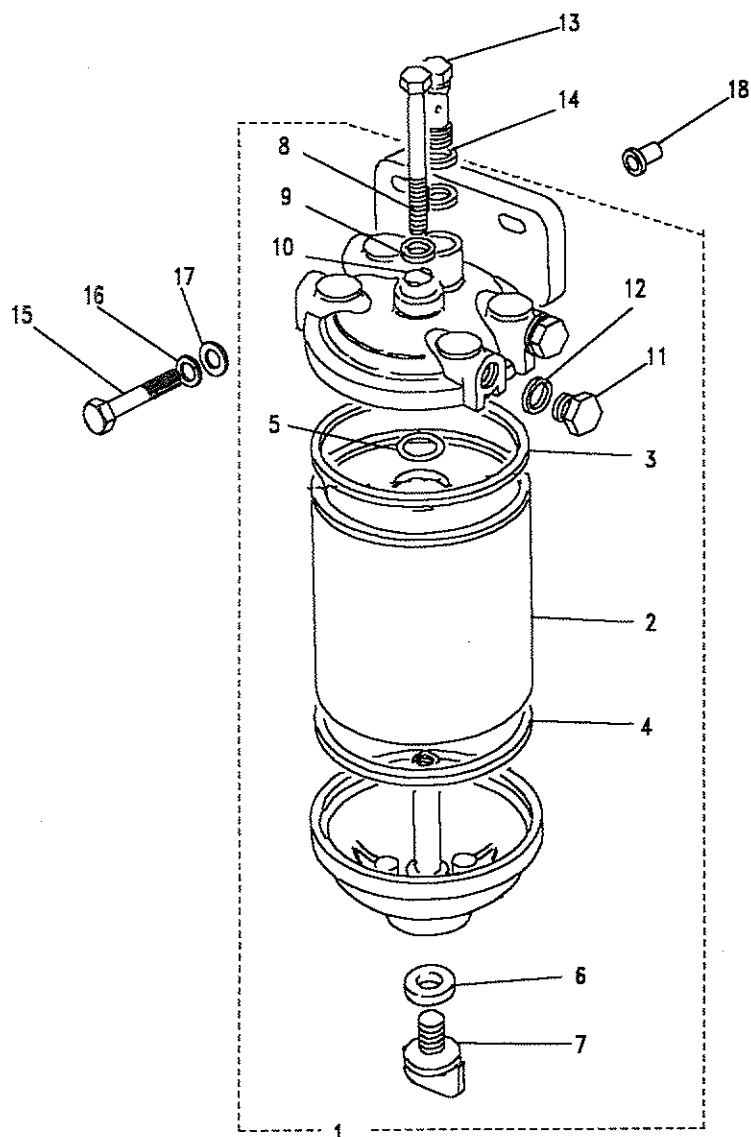
### FUEL SYSTEM - MOUNTINGS PUMP AND FILTER - PETROL



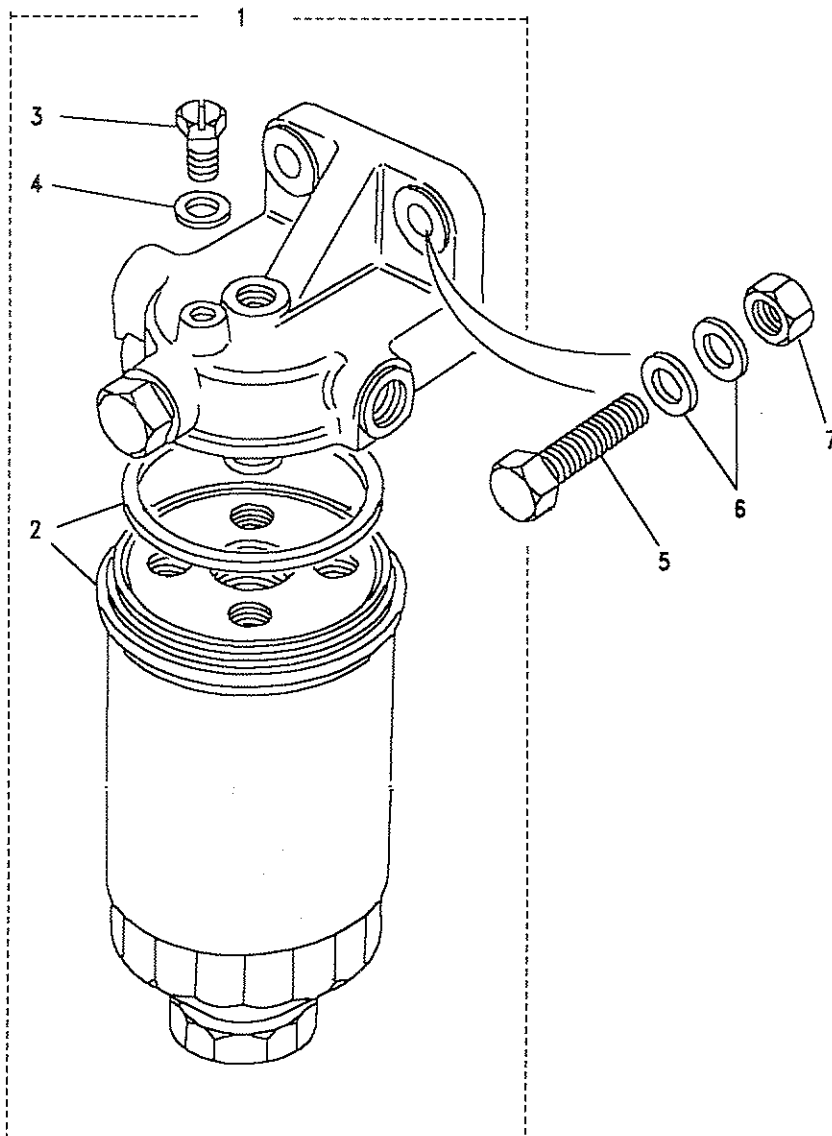
| III. Part No. | Description                  | Qty | Remarks |
|---------------|------------------------------|-----|---------|
| 1 NRC7284     | Plate mounting               | 1   |         |
| 2 FS106201L   | Flange screw                 | 2   |         |
| 3 WA106041L   | Washer plain                 | 2   |         |
| 4 WL106001L   | Washer spring                | 2   |         |
| 5 NH106041L   | Nut                          | 2   |         |
| 6 NRC7135     | Mounting rubber              | 3   |         |
| 7 WM600041L   | Washer spring                | 3   |         |
| 8 NH604041L   | Nut                          | 3   |         |
| 9 568244      | Earth braid                  | 1   |         |
| 10 FS106201L  | Flange screw                 | 2   |         |
| 11 WA106041L  | Washer plain                 | 3   |         |
| 12 WL106001L  | Washer spring                | 2   |         |
| 13 NH106041L  | Nut                          | 2   |         |
| 14 NRC7930    | Pipe fuel<br>-pump to filter | 1   |         |
| 15 NRC7454    | Cover                        | 1   |         |
| 16 SH106121L  | Screw                        | 2   |         |
| 17 WA106041L  | Washer plain                 | 2   |         |
| 18 WL106001L  | Washer spring                | 2   |         |
| 19 NH106041L  | Nut                          | 2   |         |
| 20 SH106121L  | Screw                        | 1   |         |
| 21 WA106041L  | Washer plain                 | 1   |         |
| 22 WL106001L  | Washer spring                | 1   |         |
| 23 NH106041L  | Nut                          | 1   |         |

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FUEL SYSTEM - FUEL FILTER - DIESEL AND DIESEL TURBO



| III. Part No. | Description         | Qty | Remarks |
|---------------|---------------------|-----|---------|
| 1 563190      | Filter fuel         | 1   |         |
| 2 90517711    | Element             | 1   |         |
| 3 AAU9903     | Seal top            | 1   |         |
| 4 AAU9902     | Seal bottom         | 1   |         |
| 5 37H575L     | Seal small          | 1   |         |
| 6 605011      | Seal drain plug     | 1   |         |
| 7 37H7920     | Drain plug and seal | 1   |         |
| 8 37H8119L    | Bolt                | 1   |         |
| 9 522940      | Washer              | 1   |         |
| 10 37H770L    | O ring              | 1   |         |
| 11 517689     | Plug blanking       | 1   |         |
| 12 517706     | Washer              | 1   |         |
| 13 13H1515L   | Bolt banjo          | 1   |         |
| 14 517976     | Joint washer        | 2   |         |
| 15 SH108301L  | Screw               | 2   |         |
| 16 WL108001L  | Washer spring       | 2   |         |
| 17 WA108051L  | Washer plain        | 2   |         |
| 18 NN108021L  | Rivnut              | 2   |         |



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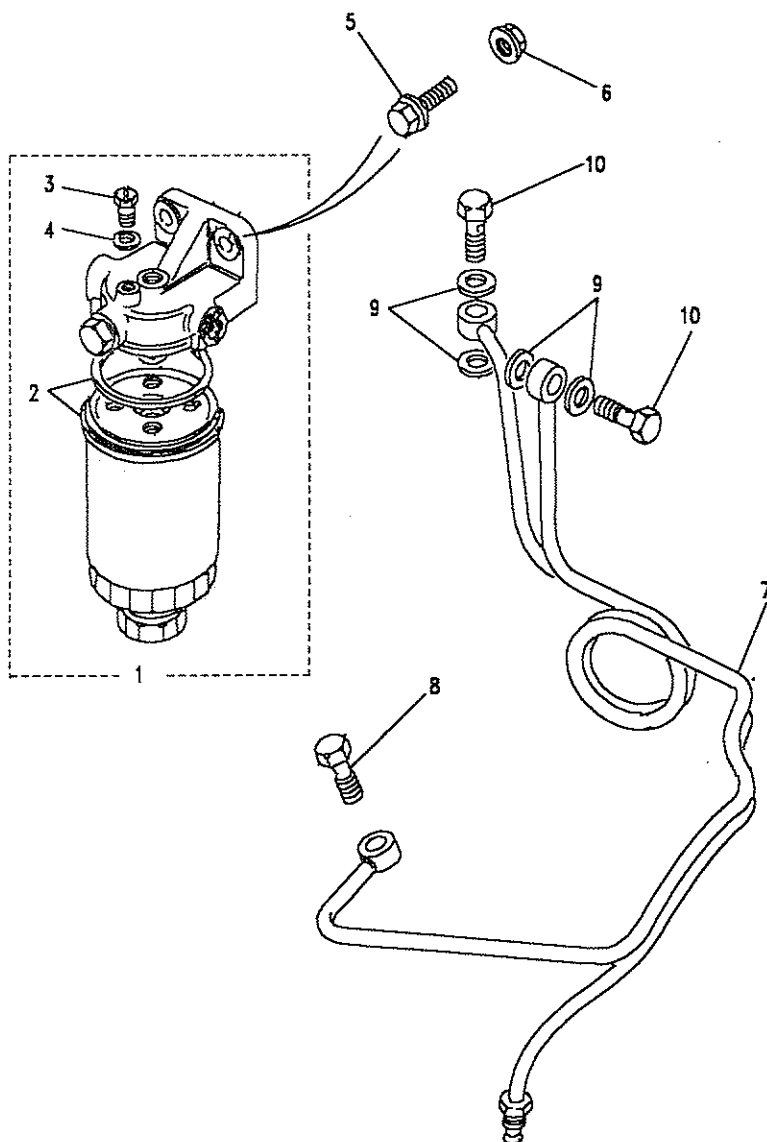
FUEL SYSTEM - FUEL FILTER - 200 TDI

| III. Part No. | Description      | Qty | Remarks |
|---------------|------------------|-----|---------|
| 1 NTC1518     | Filter fuel      | 1   |         |
| 2 AEU2147L    | Element and seal | 1   |         |
| 3 AEU2148L    | Screw bleed      | 1   |         |
| 4 AEU2149L    | Washer sealing   | 1   |         |
| 5 FS110301L   | Screw            | 2   |         |
| 6 WA110061L   | Washer plain     | 4   |         |
| 7 NY110041L   | Nut              | 2   |         |



**Model** DEFENDER 90  
**Page** ADJXGC2B

### FUEL SYSTEM - FUEL FILTER - 300 TDI



| III. Part No. | Description          | Qty | Remarks |
|---------------|----------------------|-----|---------|
| 1 NTC1518     | Filter fuel          | 1   |         |
| 2 AEU2147L    | Element and seal     | 1   |         |
| 3 AEU2148L    | Screw bleed          | 1   |         |
| 4 AEU2149L    | Washer sealing       | 1   |         |
| 5 FS110301L   | Screw flange         | 2   |         |
| 6 FX110041    | Nut flange           | 2   |         |
| 7             | Fuel pipe            | 1   | Note(1) |
| 8 ERR1125     | Banjo bolt           | 1   |         |
| 9 ESR354      | Washer copper        | 4   |         |
| 10 NTC3346    | Banjo bolt           | 2   |         |
| 11 ESR3206    | Bracket fuel filter  | 1   |         |
| 12 FS108201L  | Screw filter bracket | 1   |         |
| 13 FS108301L  | Bolt                 | 2   |         |

Note(1) For fuel pipes see page 619



DEFENDER 90

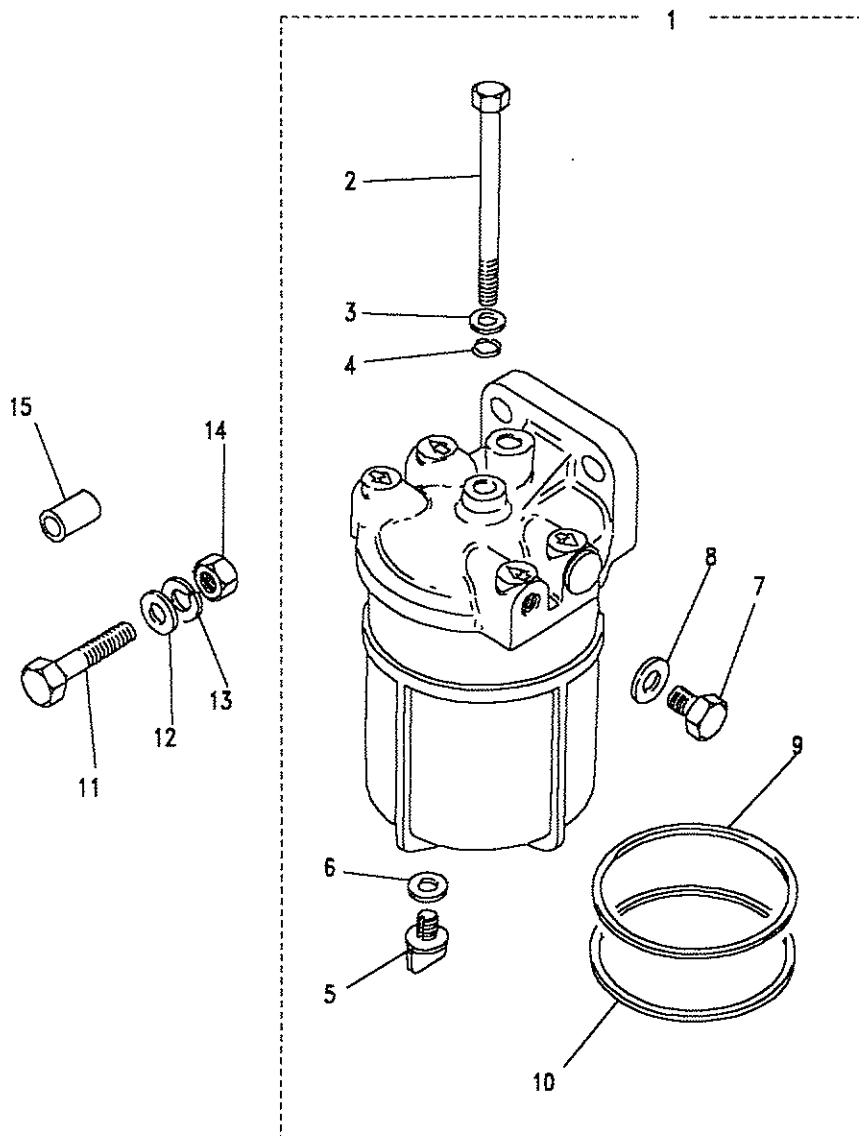
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FUEL SYSTEM AND AIR CLEANER

Model DEFENDER 90  
Page ADJXGC3A

FUEL SYSTEM - SEDIMENTORS - 2.5 DIESEL - OPTIONAL

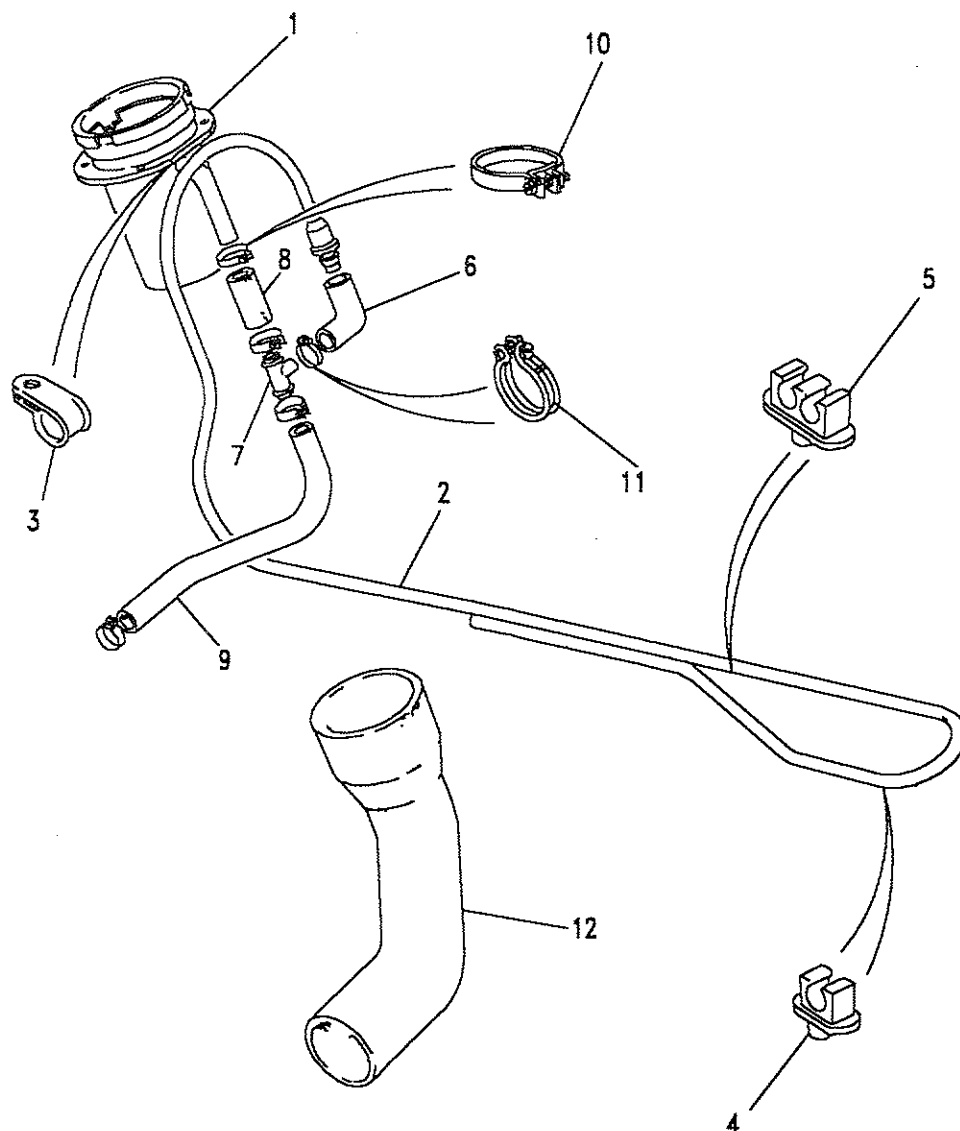
| III. Part No. | Description   | Qty | Remarks |
|---------------|---------------|-----|---------|
| 1 562748      | Sedimentor    | 1   |         |
| 2 37H8119     | Bolt          | 1   |         |
| 3 522940      | Washer        | 1   |         |
| 4 37H770      | O ring        | 1   |         |
| 5 37H7920     | Plug drain    | 1   |         |
| 6 605011      | Seal          | 1   |         |
| 7 517689      | Plug blanking | 1   |         |
| 8 517706      | Joint Washer  | 1   |         |
| 9 AAU9903     | Seal top      | 1   |         |
| 10 AAU9902    | Seal bottom   | 1   |         |
| 11 FS108301L  | Bolt          | 2   |         |
| 12 WA108051L  | Washer plain  | 2   |         |
| 13 WL108001L  | Washer spring | 2   |         |
| 14 FN108041L  | Nut           | 4   |         |
| 15 NN108201   | Nutsert       | 1   |         |



**Model** DEFENDER 90  
**Page** ADJXMA1A

### FUEL SYSTEM - ROLL OVER ANTI-SPILL SYSTEM

| III. Part No. | Description     | Qty | Remarks |
|---------------|-----------------|-----|---------|
| 1 NRC9423     | Filler fuel     | 2   |         |
| 2 NRC2572     | Pipe fuel       | 1   |         |
| 3 AEU1448     | Clip            | 1   |         |
| 4 79123       | Clip            | 2   |         |
| 5 AFU1008     | Clip            | 2   |         |
| 6 577458      | Elbow rubber    | 1   |         |
| 7 NRC2652     | Tee piece       | 1   |         |
| 8 NRC2159     | Connection hose | 1   |         |
| 9 ESR1287     | Hose breather   | 1   |         |
| 10 572839     | Clip hose       | 4   |         |
| 11 565656     | Clip hose       | 1   |         |
| 12 NRC9291    | Hose filler     | 1   |         |





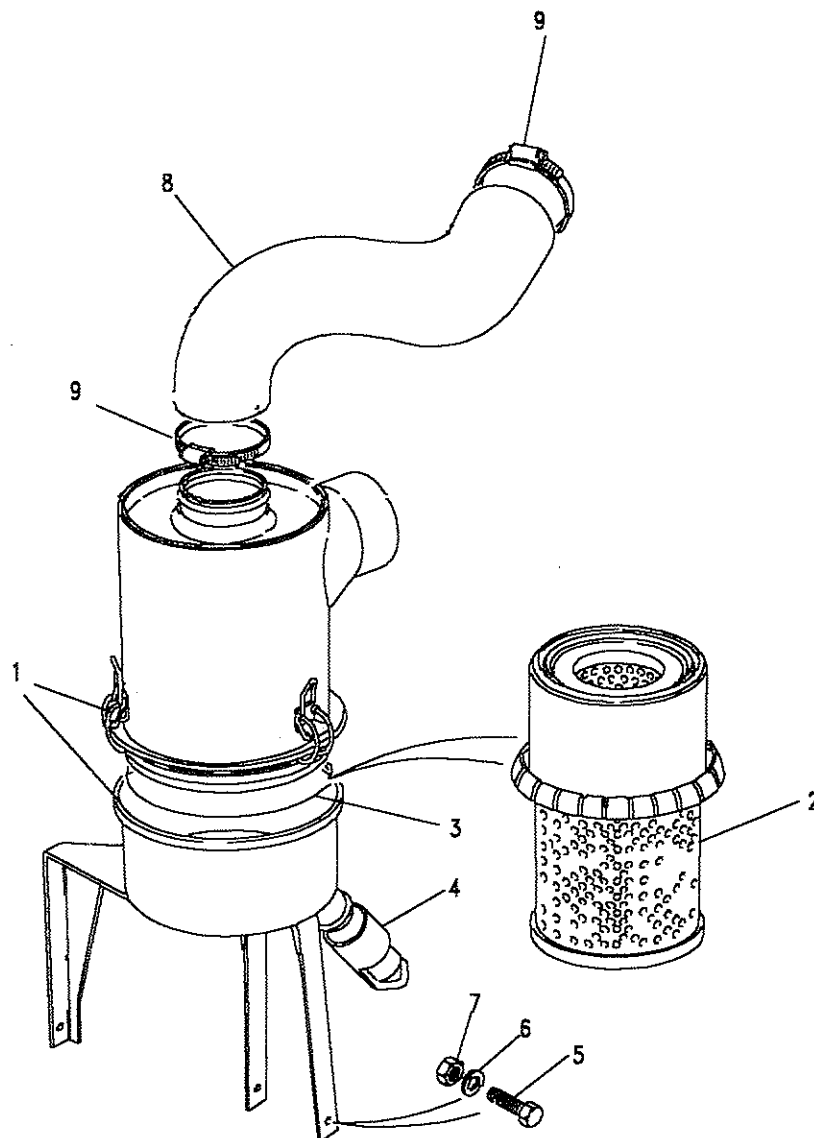
DEFENDER 90

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FUEL SYSTEM AND AIR CLEANER

**Model** DEFENDER 90  
**Page** ADJXPA1A

**FUEL SYSTEM - AIR CLEANER - 4 CYLINDER - PETROL**



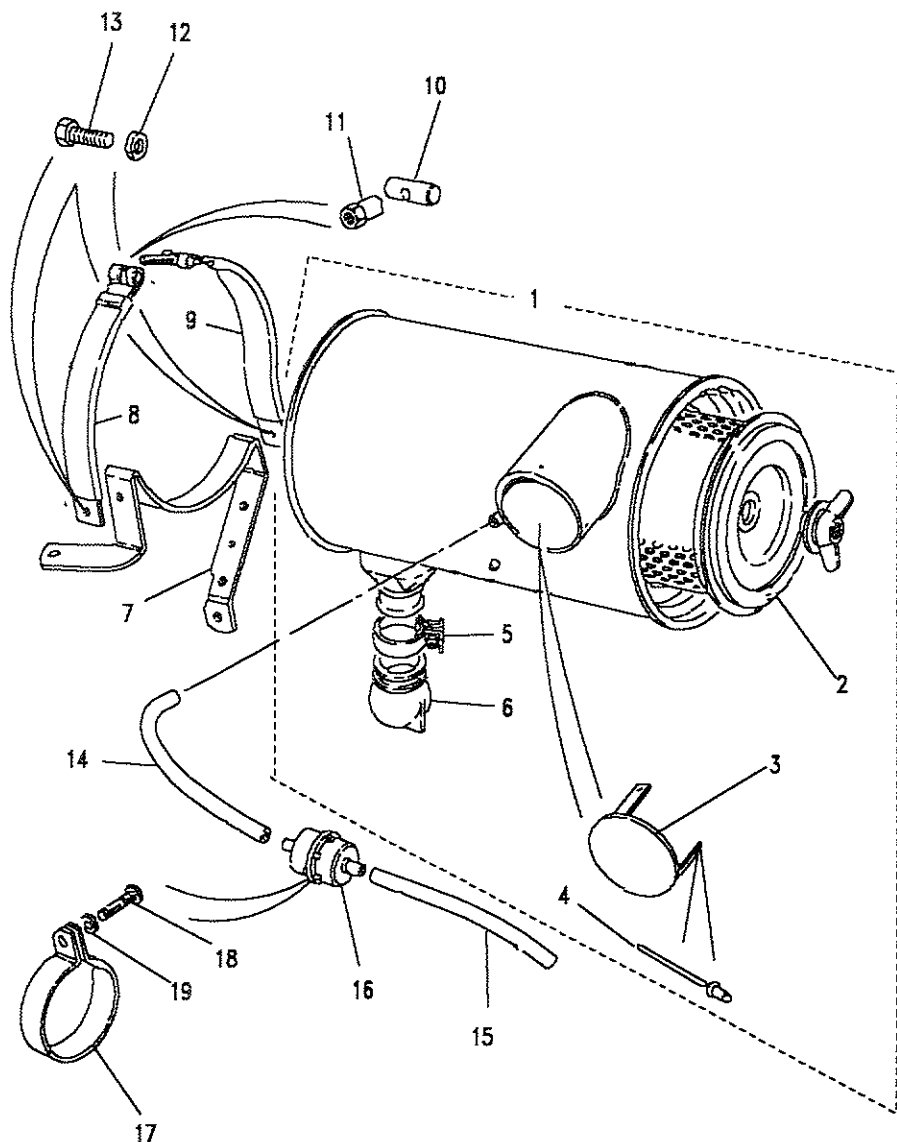
| III. Part No. | Description          | Qty | Remarks           |
|---------------|----------------------|-----|-------------------|
| 1 RRC4002     | Air cleaner assembly | 1   | Upto VIN FA375497 |
| NTC4183       | Air cleaner assembly | 1   | From VIN FA375498 |
| 2 NRC9238     | Element              | 1   |                   |
| NRC9239       | Nut wing and gasket  | 1   |                   |
| 3 RRC3746     | O ring               | 1   |                   |
| 4 NRC8955     | Valve dump           | 1   | Upto VIN FA375497 |
| NTC3751       | Valve dump           | 1   | From VIN FA375498 |
| 5 SH106121L   | Screw                | 3   |                   |
| 6 WL106001L   | Washer spring        | 3   |                   |
| 7 NH106041L   | Nut                  | 3   |                   |
| 8 NTC1650     | Hose-to carburettor  | 1   |                   |
| 9 CJ600504L   | Clip hose            | 2   |                   |



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**Page** ADJXPA2A

### FUEL SYSTEM - AIR CLEANER - V8

| III. Part No. | Description          | Qty | Remarks   |
|---------------|----------------------|-----|-----------|
| 1 ERC8505     | Air cleaner assembly | 1   |           |
| 2 RTC3479     | Element              | 1   |           |
| 3 ERC3896     | Baffle               | 1   |           |
| 4 RA607076    | Rivet                | 3   |           |
| 5 606247      | Clamp air cleaner    | 1   |           |
| 6 STC1120     | Valve assembly air   | 1   |           |
| 7 ERC3892     | Bracket              | 1   |           |
| ERC3893       | Bracket              | 1   |           |
| 8 ERC3946     | Strap air cleaner    | 2   | Front     |
| 9 ERC3897     | Strap retaining      | 2   | Rear      |
| 10 572994     | Trunnion             | 2   |           |
| 11 578023     | Nut tension          | 2   |           |
| 12 SH505051   | Screw                | 4   |           |
| 13 WL600051L  | Washer spring        | 4   |           |
| 14 ERC3955    | Hose                 | 1   | To filter |
| 15 ERC3954    | Hose                 | 1   | To block  |
| 16 606168     | Filter               | 1   |           |
| 17 603962     | Clip retaining       | 1   |           |
| 18 79134      | Screw                | 1   |           |
| 19 WL700101   | Washer spring        | 1   |           |



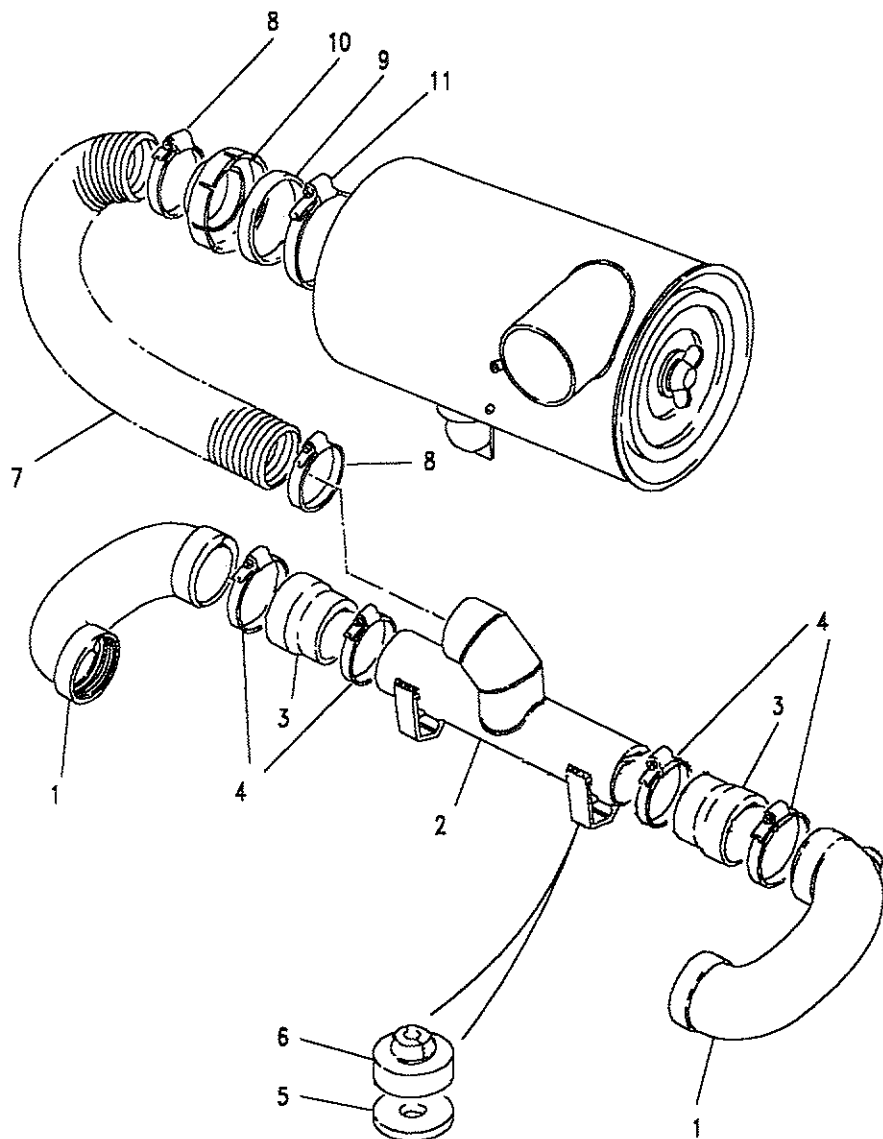


Model DEFENDER 90

Page ADJXPA3A

FUEL SYSTEM - AIR-INLET ELBOWS - V8

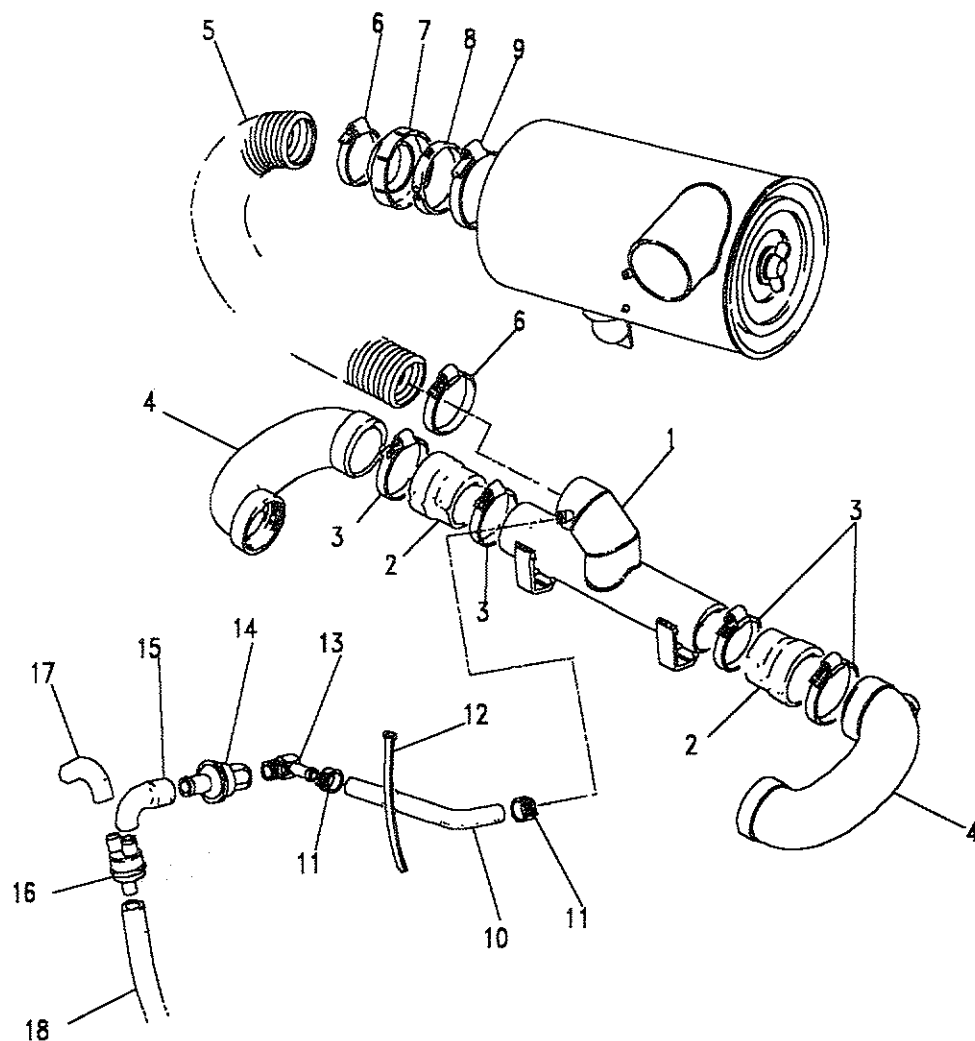
| III. Part No.                               | Description     | Qty | Remarks |
|---------------------------------------------|-----------------|-----|---------|
| <b>Stromberg Carburettors - Non-detoxed</b> |                 |     |         |
| 1 ERC5247                                   | Elbow air inlet | 2   |         |
| 2 ERC5453                                   | Duct air        | 1   |         |
| 3 ERC5052                                   | Hose            | 2   |         |
| 4 RTC3518                                   | Clip hose       | 4   |         |
| 5 4594                                      | Spacer          | 2   |         |
| 6 603851                                    | Grommet         | 2   |         |
| 7 ERC5401                                   | Hose air intake | 1   |         |
| 8 CA600424                                  | Clip hose       | 2   |         |
| 9 ERC3899                                   | Seal air intake | 1   |         |
| 10 ERC5400                                  | Adaptor         | 1   |         |
| 11 RTC3502                                  | Clip hose       | 1   |         |



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**Page** ADJXPA4A

### FUEL SYSTEM - AIR INLETS - V8

| III. Part No.                        | Description      | Qty | Remarks         |
|--------------------------------------|------------------|-----|-----------------|
| <b>SU Carburettors - Non-detoxed</b> |                  |     |                 |
| 1 ETC7193                            | Duct air inlet   | 1   |                 |
| 2 ERC3915                            | Hose             | 2   |                 |
| 3 RTC3519                            | Clip hose        | 4   |                 |
| 4 ERC5247                            | Elbow            | 2   |                 |
| 5 ERC3956                            | Hose             | 1   |                 |
| 6 ETC5847                            | Clip hose        | 2   |                 |
| 7 ERC3894                            | Adaptor          | 1   |                 |
| 8 ERC3899                            | Seal             | 1   |                 |
| 9 RTC3519                            | Clip hose        | 1   |                 |
| 10 ETC7199                           | Hose breather    | 1   |                 |
| 11 CN100308L                         | Clamp hose       | 2   |                 |
| 12 594594                            | Cable tie        | 1   |                 |
| 13 ETC7201                           | Adaptor assembly | 1   |                 |
| 14 ERC6878                           | Valve check      | 1   |                 |
| 15 ETC7189                           | Hose breather    | 1   |                 |
| 16 ETC7188                           | Flame trap       | 1   |                 |
| 17 611092                            | Hose             | 1   | To rocker cover |
| 18 611097                            | Hose             | 1   | To carburetter  |



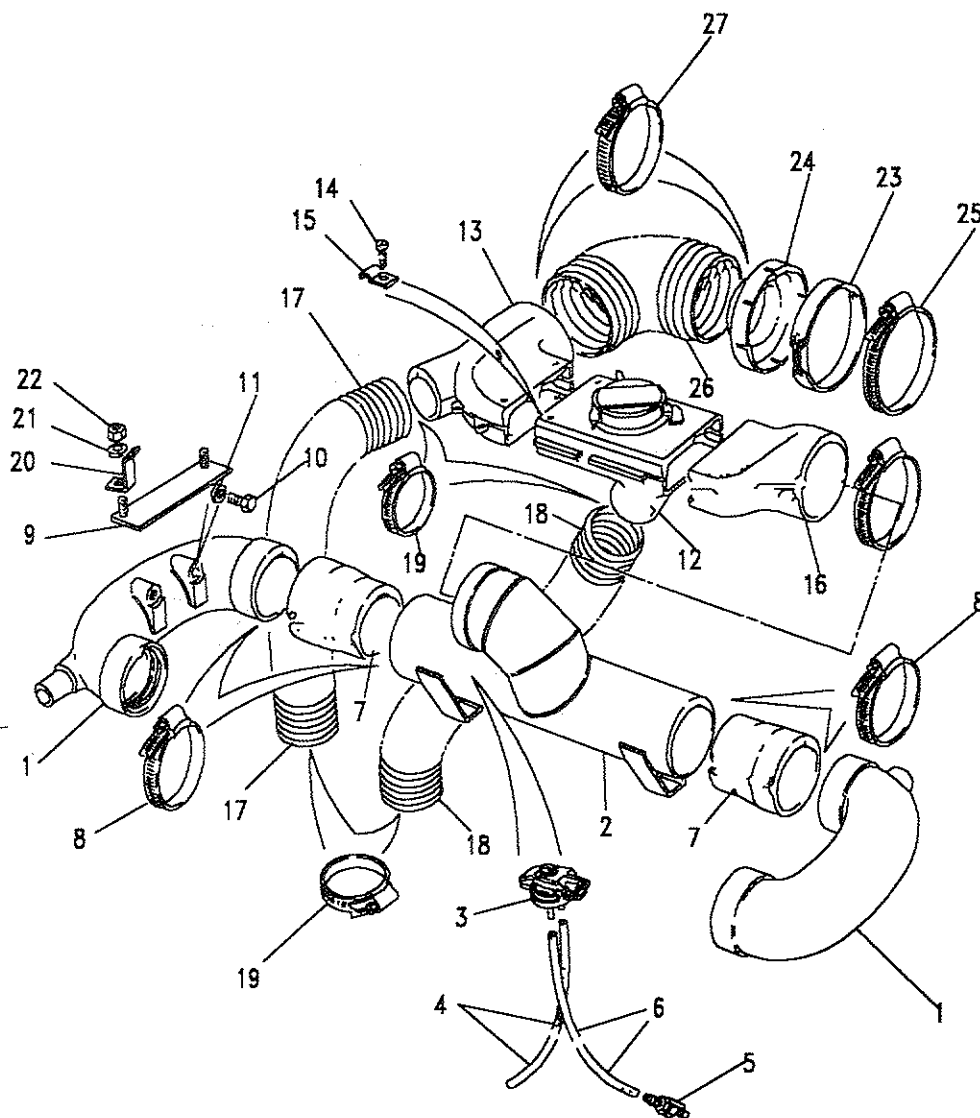
**Model** DEFENDER 90  
**Page** ADJXPA5A

### FUEL SYSTEM - AIR TEMPERATER CONTROL

| III. Part No. | Description | Qty | Remarks |
|---------------|-------------|-----|---------|
|---------------|-------------|-----|---------|

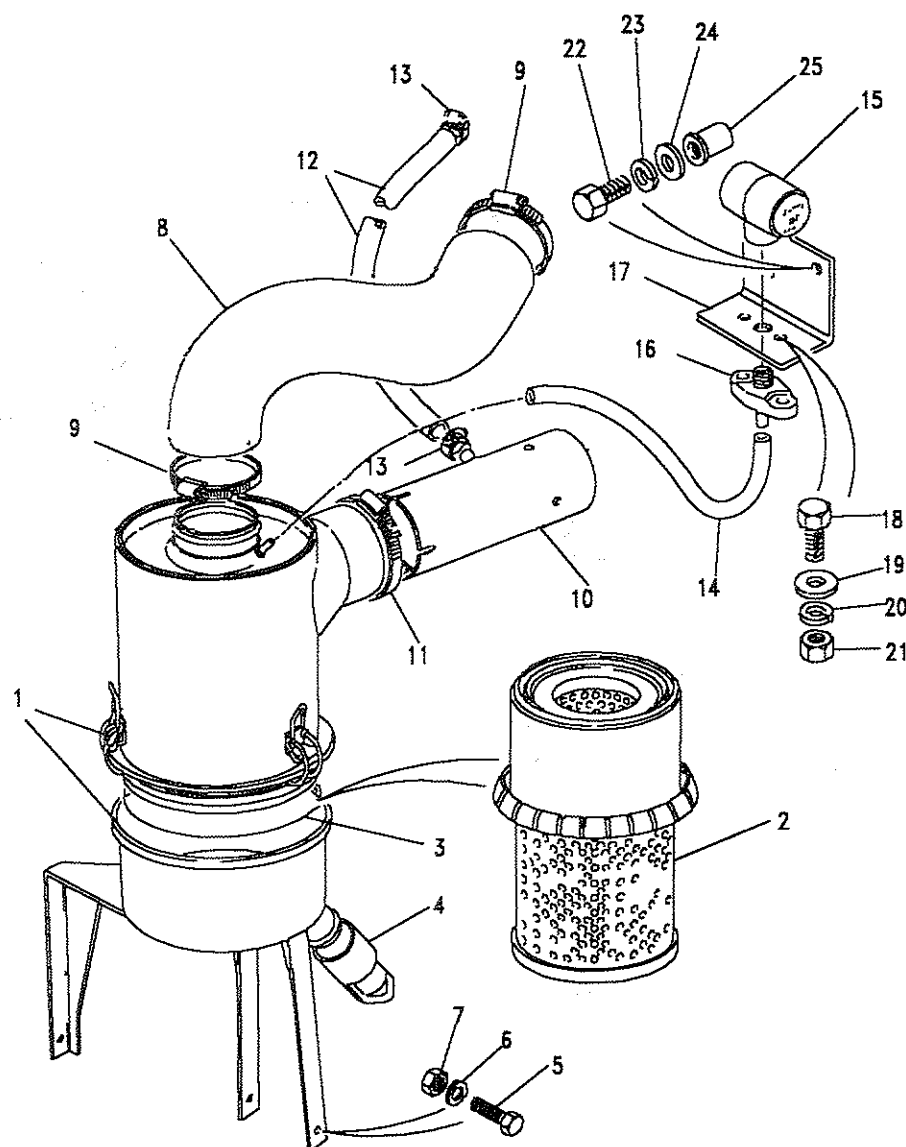
#### V8 Detoxed

|    |           |   |                        |
|----|-----------|---|------------------------|
| 1  | ERC9037   | 2 | Elbow air inlet        |
| 2  | ERC7144   | 1 | Duct air               |
| 3  | ERC6399   | 1 | Sensor                 |
| 4  | 614892    | 2 | Hose                   |
| 5  | 614866    | 1 | Valve non return       |
| 6  | 614891    | 1 | Hose                   |
| 7  | ERC5052   | 2 | Sensor to valve        |
| 8  | RTC3518   | 4 | Duct to elbow          |
| 9  | ERC3890   | 1 | Bracket mounting       |
| 10 | SH108121L | 2 | Screw                  |
| 11 | WL108001L | 1 | Washer spring          |
| 12 | ERC4591   | 1 | Valve air temp control |
| 13 | ETC4639   | 1 | Adaptor                |
|    | ETC5147   | 1 | Adaptor                |
|    |           | 1 | Air Con                |
| 14 | AB600031  | 4 | Screw                  |
| 15 | 216708    | 1 | Clip-choke cable       |
| 16 | ERC3884   | 1 | Adaptor                |
| 17 | ERC4293   | 1 | Hose                   |
| 18 | ERC4294   | 1 | Hose                   |
| 19 | CN100508  | 4 | Clip hose              |
| 20 | ERC3891   | 2 | Clip-ATC valve         |
| 21 | WL600041L | 2 | Washer spring          |
| 22 | NH604041L | 2 | Nut                    |
| 23 | ERC3899   | 1 | Seal air intake        |
| 24 | ERC5400   | 1 | Adaptor                |
| 25 | RTC3502   | 1 | Clip hose              |
| 26 | ERC4074   | 1 | Hose                   |
| 27 | CA600424  | 2 | Clip hose              |



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### FUEL SYSTEM - AIR CLEANER - DIESEL - NATURALLY ASPIRATED

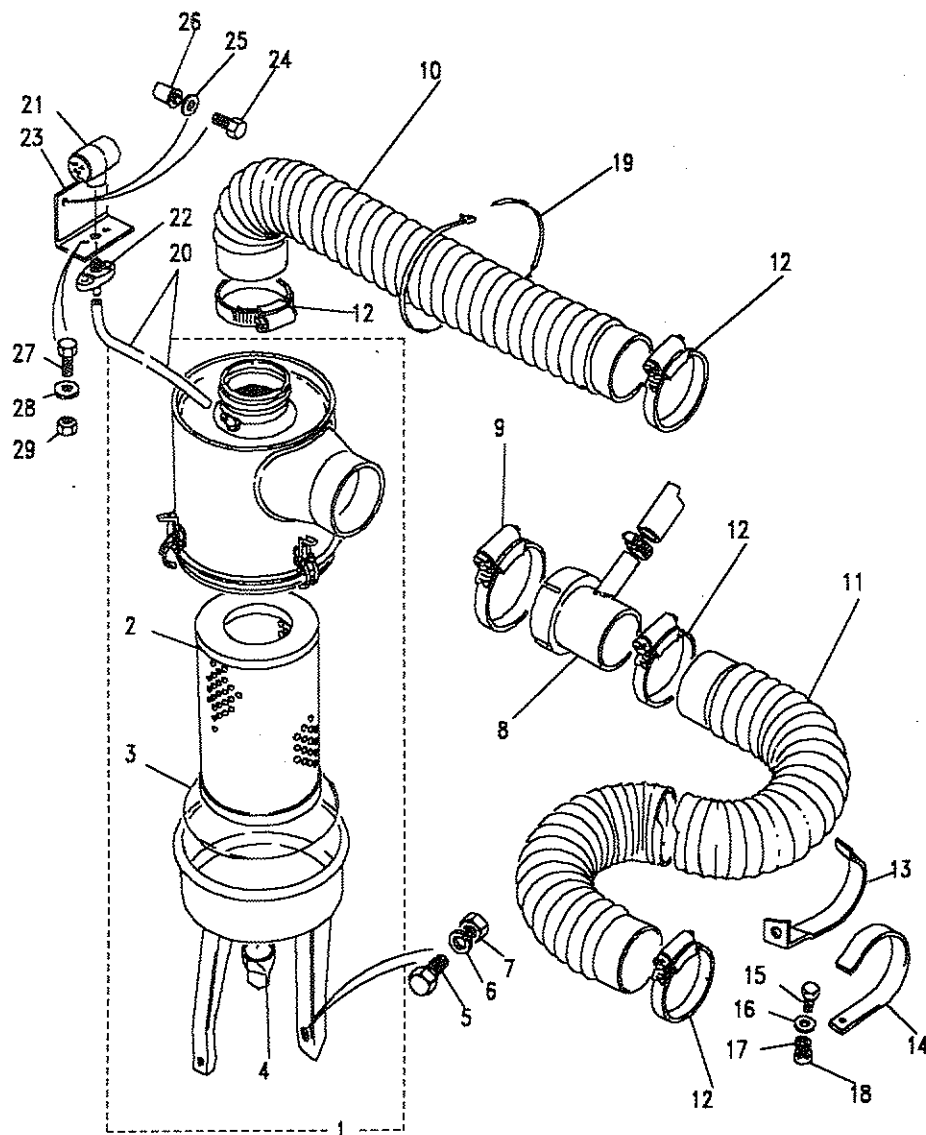


| III. Part No. | Description           | Qty | Remarks           |
|---------------|-----------------------|-----|-------------------|
| 1 RRC4002     | Air cleaner assembly  | 1   | Upto VIN FA375497 |
| NTC4183       | Air cleaner assembly  | 1   | From VIN FA375498 |
| 2 NRC9238     | Element               | 1   |                   |
| NRC9239       | Nut wing and gasket   | 1   |                   |
| 3 RRC3746     | O ring                | 1   |                   |
| 4 NRC8955     | Valve dump            | 1   | Upto VIN FA375497 |
| NTC3751       | Valve dump            | 1   | From VIN FA375498 |
| 5 SH106121L   | Screw                 | 3   |                   |
| 6 WL106001L   | Washer spring         | 3   |                   |
| 7 NH106041L   | Nut                   | 3   |                   |
| 8 NRC8962     | Hose-to manifold      | 1   |                   |
| 9 CJ600504L   | Clip hose             | 2   |                   |
| 10 NRC8987    | Resonator             | 1   | Upto VIN FA375497 |
| NTC4612       | Resonator             | 1   | From VIN FA375498 |
| 11 CJ600504L  | Clip hose             | 1   |                   |
| 12 ETC7969    | Hose-to top breather  | 1   |                   |
| 13 CJ600164L  | Clip hose             | 2   |                   |
| 14 NTC4187    | Hose-to indicator     | 1   |                   |
| 15 NTC4611    | Indicator restriction | 1   | From VIN          |
| 16 NTC4224    | Flange adaptor        | 1   | FA375498          |
| 17 RRC3011    | Bracket support       | 1   |                   |
| 18 FS106167L  | Screw                 | 2   |                   |
| 19 WA106041L  | Washer plain          | 2   |                   |
| 20 WL106001L  | Washer spring         | 2   |                   |
| 21 NH106041L  | Nut                   | 2   |                   |
| 22 SH106121L  | Screw                 | 2   |                   |
| 23 WL106001L  | Washer spring         | 2   |                   |
| 24 WA106041L  | Washer plain          | 2   |                   |
| 25 NN106011L  | Rivnut                | 2   |                   |



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## FUEL SYSTEM - AIR CLEANER - DIESEL TURBO



| III. Part No. | Description | Qty | Remarks                   |
|---------------|-------------|-----|---------------------------|
| 1             | NTC4183     | 1   | Air cleaner assembly      |
| 2             | NRC9238     | 1   | Element                   |
| 3             | RRC3746     | 1   | O ring                    |
| 4             | NTC3751     | 1   | Valve dump                |
| 5             | SH106121L   | 3   | Screw                     |
| 6             | WL106001L   | 3   | Washer spring             |
| 7             | NH106041L   | 3   | Nut                       |
| 8             | NTC4655     | 1   | Adaptor-air cleaner       |
|               | RRC5528     | 1   | Adaptor-air cleaner       |
| 9             | CJ600564    | 1   | Clip hose                 |
| 10            | NTC2660     | 1   | Hose-air cleaner to turbo |
| 11            | NTC2830     | 1   | Hose-wing to air cleaner  |
| 12            | CJ600504    | 4   | Clip hose                 |
| 13            | NTC3778     | 1   | Bracket retaining-LHD     |
|               | NTC3778     | 1   | Bracket retaining-RHD     |
| 14            | ESR1004     | 1   | Bracket retaining-RHD     |
| 15            | SH106207    | 1   | Screw                     |

Note(1)

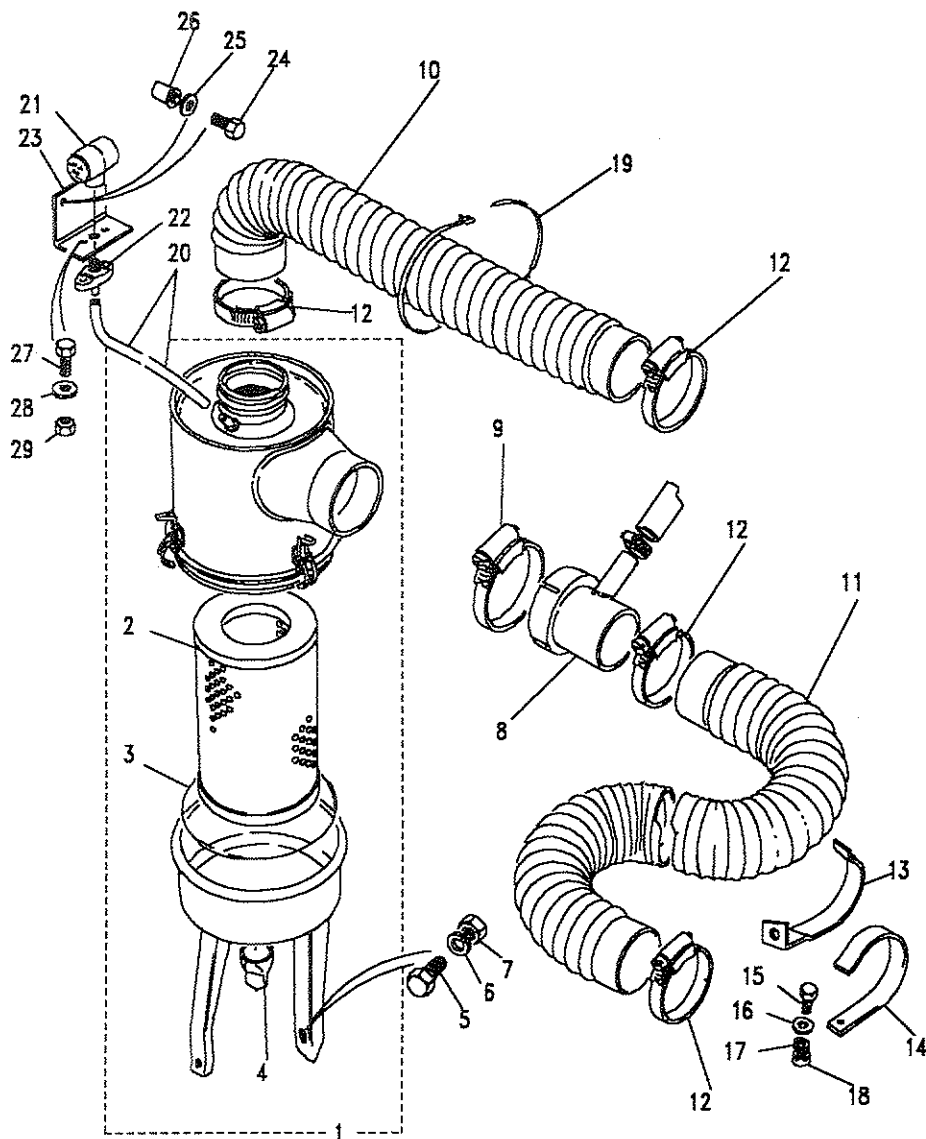
Upto VIN 372172  
From VIN 372173

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**Page** ADJXPC2A

### FUEL SYSTEM - AIR CLEANER - DIESEL TURBO

| III. Part No. | Description                   | Qty | Remarks         |
|---------------|-------------------------------|-----|-----------------|
| 16            | WA106047L Washer plain        | 2   |                 |
| 17            | WL106007L Washer spring       | 2   |                 |
| 18            | NH106047L Nut                 | 1   |                 |
| 19            | 594594 Cable tie              | 1   |                 |
| 20            | NTC4187 Hose-to indicator     | 1   |                 |
|               | RRC5727 Hose-to indicator     | 1   | Note(1)         |
| 21            | RRC2800 Indicator restriction | 1   | Upto VIN 329985 |
|               | NTC4611 Indicator restriction | 1   | From VIN 329986 |
| 22            | NTC4224 Flange adaptor        | 1   |                 |
| 23            | RRC3011 Bracket support       | 1   |                 |
| 24            | SH106121L Screw               | 2   |                 |
| 25            | WA106041L Washer plain        | 2   |                 |
| 26            | NN106011L Nutsert             | 2   |                 |
| 27            | FS106167L Screw               | 2   |                 |
| 28            | WA106041L Washer plain        | 2   |                 |
| 29            | NH106041L Nut                 | 2   |                 |

Note(1) For vehicles with raised air intake





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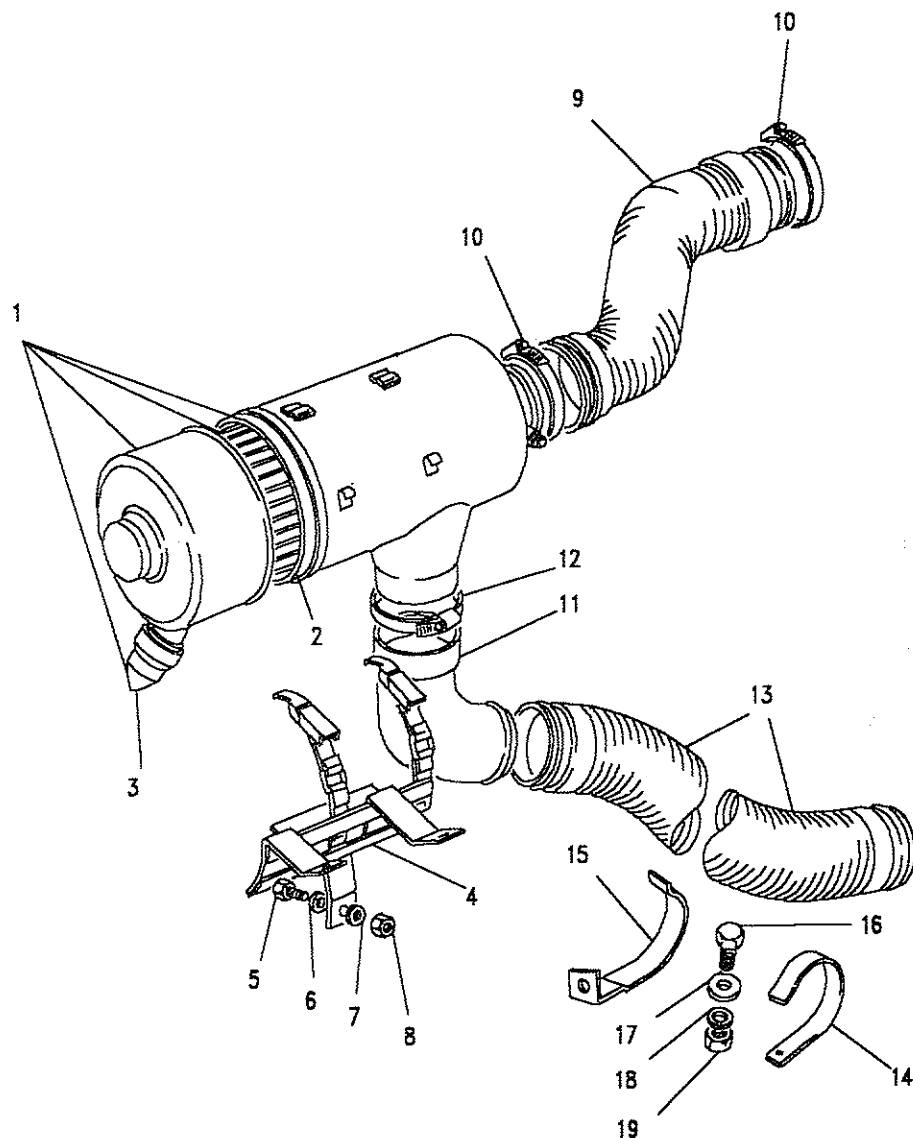
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FUEL SYSTEM AND AIR CLEANER

Model DEFENDER 90

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FUEL SYSTEM - AIR CLEANER - 200TDI



| III. Part No. | Description | Qty | Remarks               |
|---------------|-------------|-----|-----------------------|
| 1             | ESR370      | 1   | Air cleaner assembly  |
| 2             | NTC6660     | 1   | Element               |
|               | NRC9239     | 1   | Nut wing and gasket   |
| 3             | NRC8955     | 1   | Valve dump            |
| 4             | ESR276      | 1   | Cradle                |
| 5             | FS106167L   | 3   | Screw                 |
| 6             | WA106041L   | 3   | Washer plain          |
| 7             | WL106001L   | 3   | Washer spring         |
| 8             | NH106041L   | 3   | Nut                   |
| 9             | ESR415      | 1   | Hose-to turbo         |
| 10            | STC128      | 2   | Clip hose             |
| 11            | ESR228      | 1   | Elbow                 |
| 12            | CN100908L   | 1   | Clip hose             |
| 13            | ESR184      | 1   | Hose-intake           |
| 14            | ESR1004     | 1   | Bracket retaining-RHD |
| 15            | NTC3778     | 1   | Bracket retaining-LHD |
| 16            | SH106207    | 1   | Screw                 |
| 17            | WA106047L   | 2   | Washer plain          |
| 18            | WL106007L   | 2   | Washer spring         |
| 19            | NH106047L   | 1   | Nut                   |



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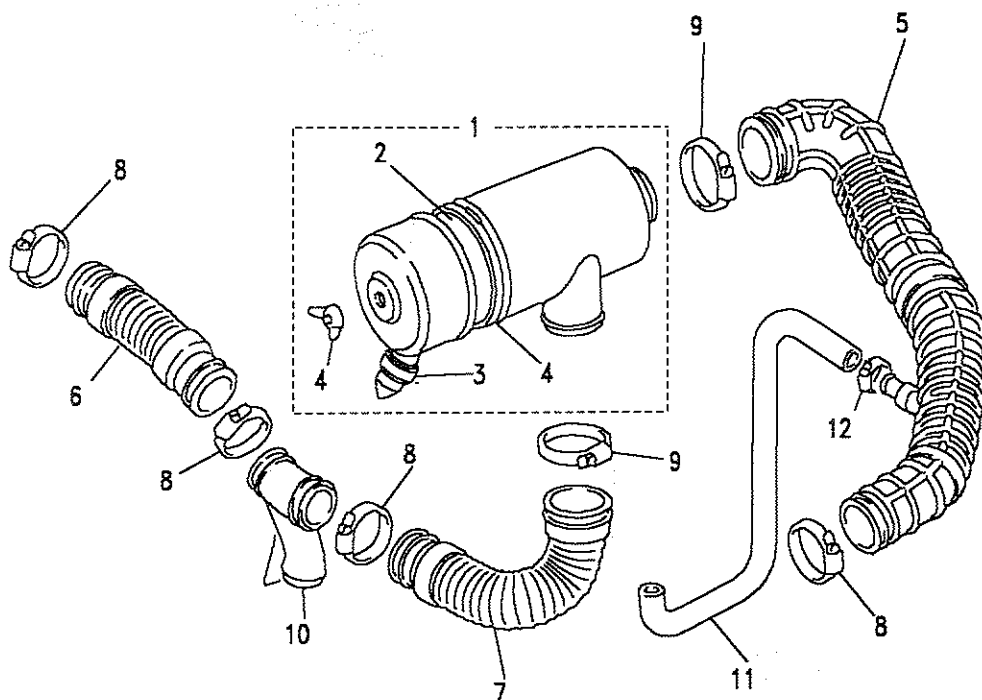
Page ADJXPC3B

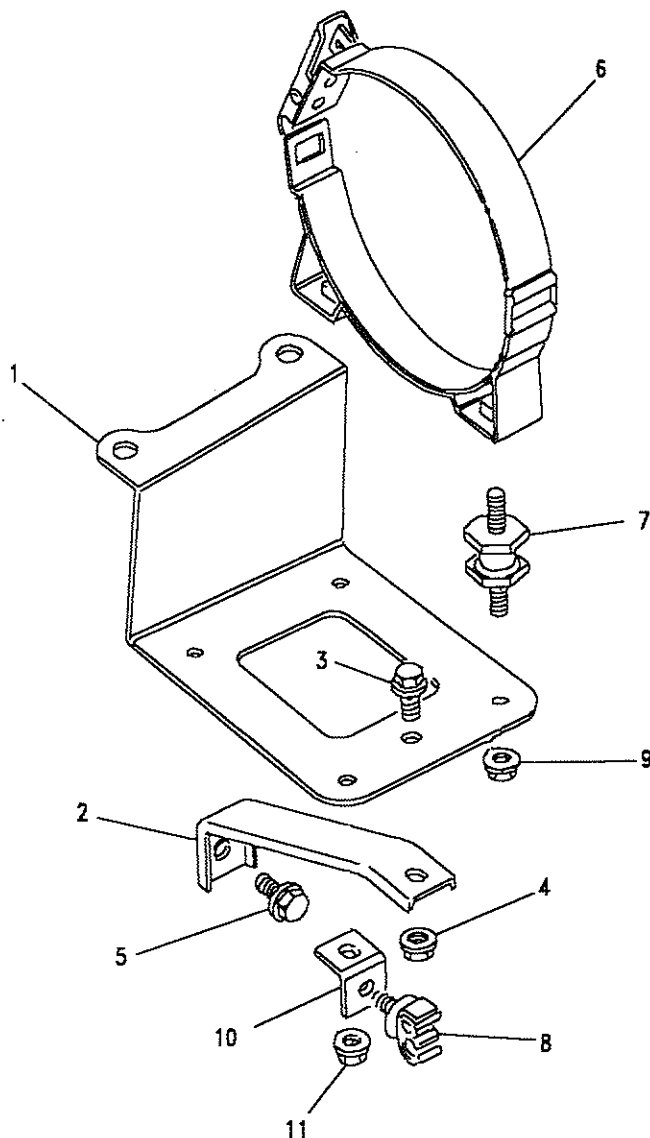
## FUEL SYSTEM - AIR CLEANER - 300TDI

III. Part No. Description Qty Remarks

## Air cleaner assembly

|    |          |                           |   |
|----|----------|---------------------------|---|
| 1  | ESR2102  | Air cleaner assembly      | 1 |
| 2  | ESR2623  | Filter element            | 1 |
| 3  | NRC8955  | Valve dump                | 1 |
| 4  | NRC9239  | Nut & gasket              | 1 |
| 5  | ESR2731  | Hose air cleaner to turbo | 1 |
| 6  | ESR3028  | Hose intake to dump valve | 1 |
| 7  | ESR3032  | Hose dump to air cleaner  | 1 |
| 8  | CN100708 | Clip hose                 | 4 |
| 9  | CN100908 | Clip hose                 | 2 |
| 10 | ESR3162  | Dump valve & bracket assy | 1 |
| 11 | ERR4926  | Hose cyclone to a/cleaner | 1 |
| 12 | CN100258 | Clip hose                 | 1 |





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## FUEL SYSTEM - AIR CLEANER - 300TDI

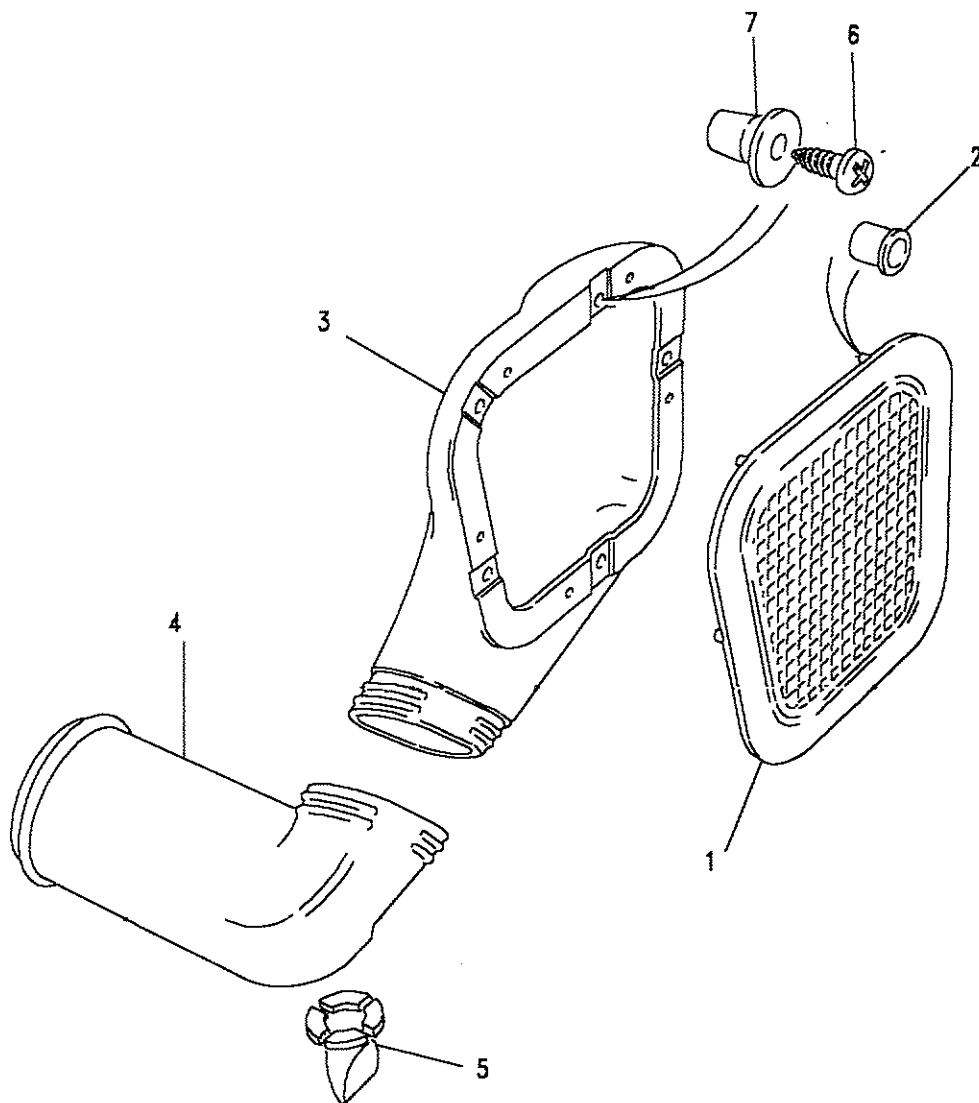
| III. Part No.                | Description               | Qty | Remarks |
|------------------------------|---------------------------|-----|---------|
| <b>Air cleaner mountings</b> |                           |     |         |
| 1 ERR2850                    | Bracket mounting          | 1   |         |
| 2 ERR2851                    | Strut air cleaner bracket | 1   |         |
| 3 FS108161                   | Screw flanged             | 1   |         |
| 4 FN108041                   | Nut flanged               | 1   |         |
| 5 FS108201L                  | Screw flanged             | 1   |         |
| 6 ERR4688                    | Strap air cleaner         | 2   |         |
| 7 ERR2337                    | Mounting rubber           | 4   |         |
| 8 ESR1373                    | Clip pipe                 | 1   |         |
| 9 FN106047L                  | Nut flanged               | 2   |         |
| 10 NRC2089                   | Rear mounting bracket     | 1   |         |
| 11 FN106047L                 | Nut flanged               | 2   |         |

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### FUEL SYSTEM - AIR INTAKE - DIESEL TURBO & 200TDI

| III. Part No. | Description       | Qty | Remarks |
|---------------|-------------------|-----|---------|
| 1 MWC2501     | Grille air intake | 1   |         |
| 2 359526      | Bush badge fixing | 5   |         |
| 3 MWC1826     | Duct air          | 1   | Upper   |
| 4 MWC1827     | Duct air          | 1   | Lower   |
| 5 MUC2417     | Valve dump        | 1   |         |
| 6 AB608047L   | Screw             | 5   |         |
| 7 AFU1926     | Nut captive       | 5   |         |





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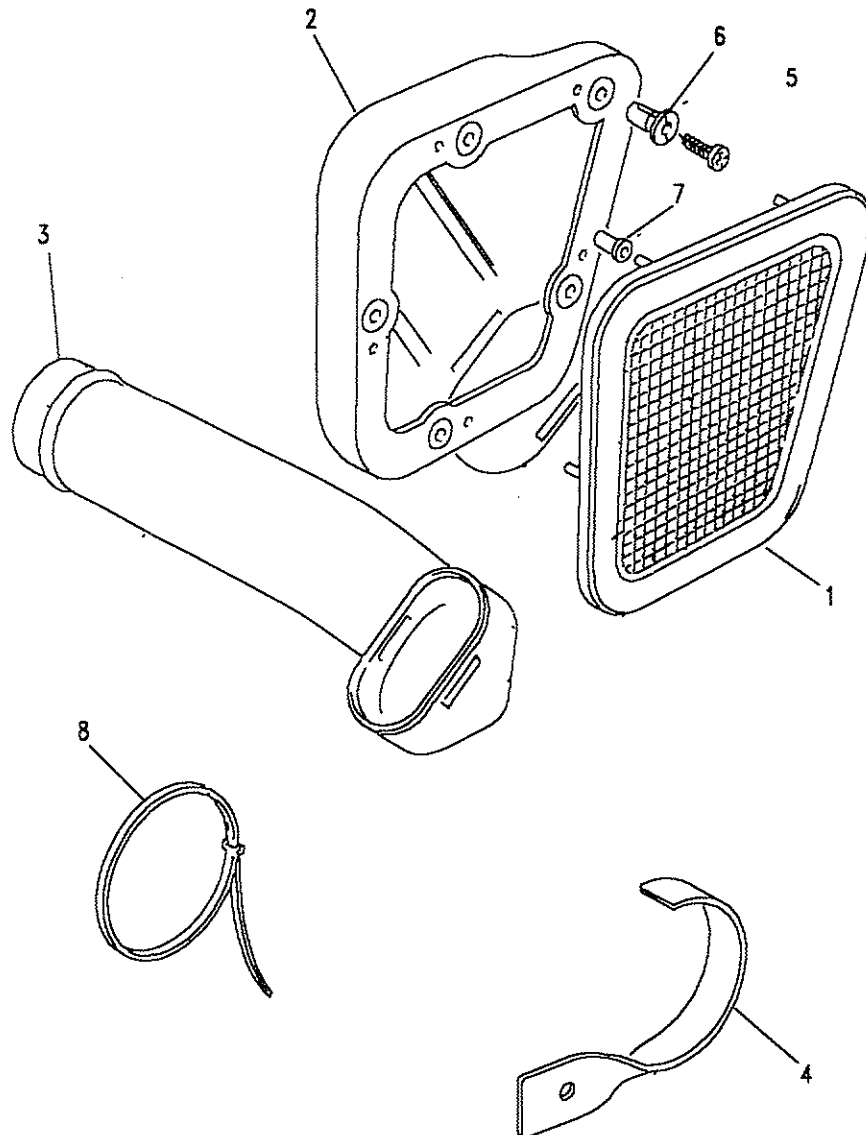
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FUEL SYSTEM AND AIR CLEANER

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FUEL SYSTEM - AIR INTAKE - 300TDI

| III. Part No.     | Description            | Qty | Remarks |
|-------------------|------------------------|-----|---------|
| <b>Air intake</b> |                        |     |         |
| 1 BTR6188         | Grille air intake      | 1   |         |
| 2 ESR3173         | Duct air upper RH      | 1   |         |
| 3 ESR3175         | Duct air lower RH      | 1   |         |
| 4 ESR2315         | Bracket intake support | 1   |         |
| 5 AB608041        | Screw - air duct       | 5   |         |
| 6 AFU1926         | Nut captive            | 5   |         |
| 7 AJU1136         | Stud anchor            | 5   |         |
| 8 359526          | Bush friction          | 5   |         |
| 9 594594          | Tyrap strap            | 1   |         |

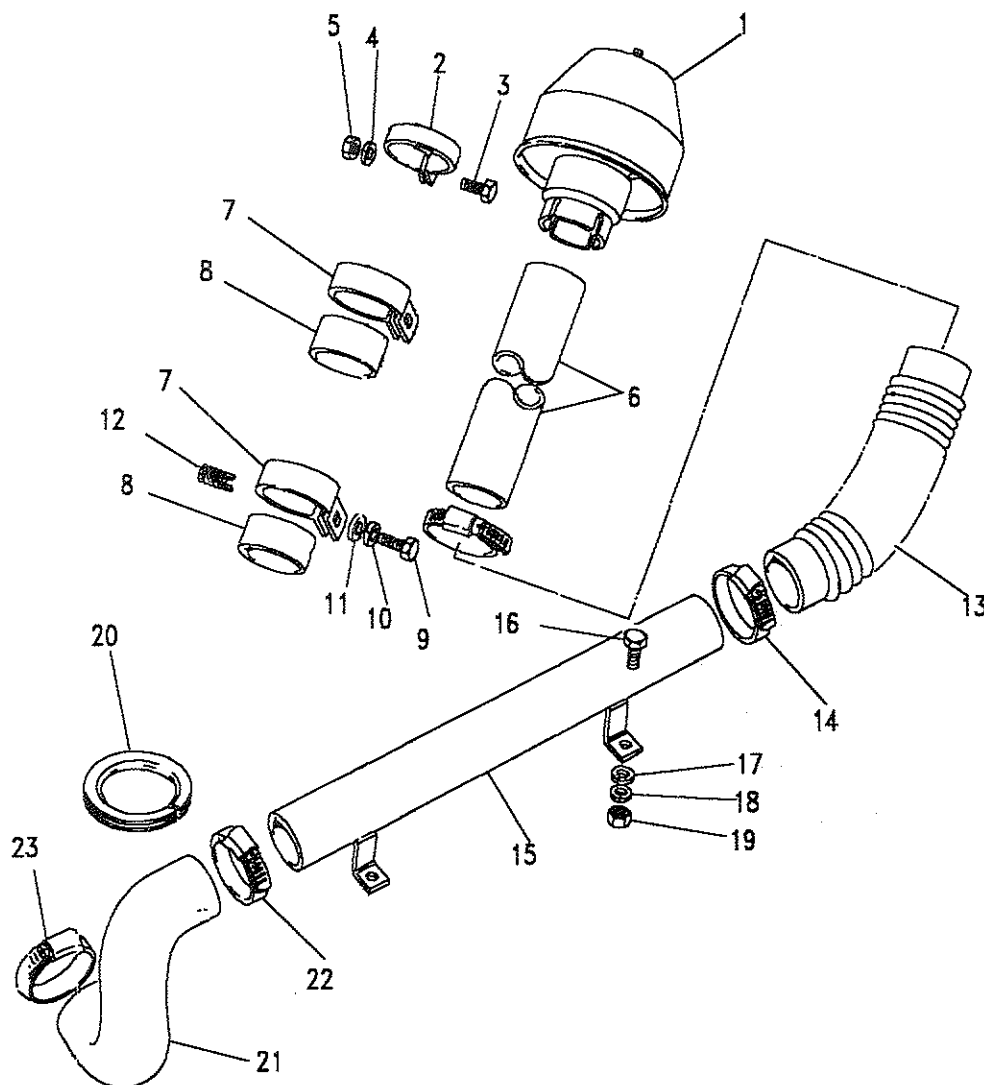


**Model** DEFENDER 90  
**Page** ADJXPC4A

### FUEL SYSTEM - RAISED AIR CLEANER - 4 CYLINDER

| III. Part No.                            | Description          | Qty | Remarks         |
|------------------------------------------|----------------------|-----|-----------------|
| <b>Not suitable for 200Tdi - Note(1)</b> |                      |     |                 |
| 1 NRC6920                                | Air cleaner assembly | 1   | Raised          |
| 2 NRC6919                                | Clamp                | 1   |                 |
| 3 SH106201                               | Screw                | 1   |                 |
| 4 WL106001                               | Washer spring        | 1   |                 |
| 5 NH106041L                              | Nut                  | 1   |                 |
| 6 NRC7457                                | Pipe air cleaner     | 1   |                 |
| 7 NRC7154                                | Clamp                | 2   | Upto VIN 323866 |
| NTC4257                                  | Clamp                | 2   | From VIN 323867 |
| 8 276426                                 | Seal                 | 2   |                 |
| 9 FS106201L                              | Flange screw         | 2   |                 |
| 10 WA106041L                             | Washer plain         | 2   |                 |
| 11 WL106001L                             | Washer spring        | 2   |                 |
| 12 ML106015                              | Insert helicoil      | 2   |                 |
| 13 NRC6254                               | Hose                 | 1   |                 |
| 14 CJ600504                              | Clip hose            | 2   |                 |
| 15 NRC9107                               | Pipe assembly        | 1   |                 |
| 16 SH106121L                             | Screw                | 4   |                 |
| 17 WA106041L                             | Washer plain         | 4   |                 |
| 18 WL106001                              | Washer spring        | 4   |                 |
| 19 NH106041L                             | Nut                  | 4   |                 |
| 20 MTC7513                               | Strip seal           | A/R |                 |
| 21 NRC8984                               | Hose                 | 1   |                 |
| 22 CJ600504L                             | Clip hose            | 1   |                 |
| 23 RTC3518                               | Clip hose            | 1   |                 |

Note(1) 200Tdi see page 641





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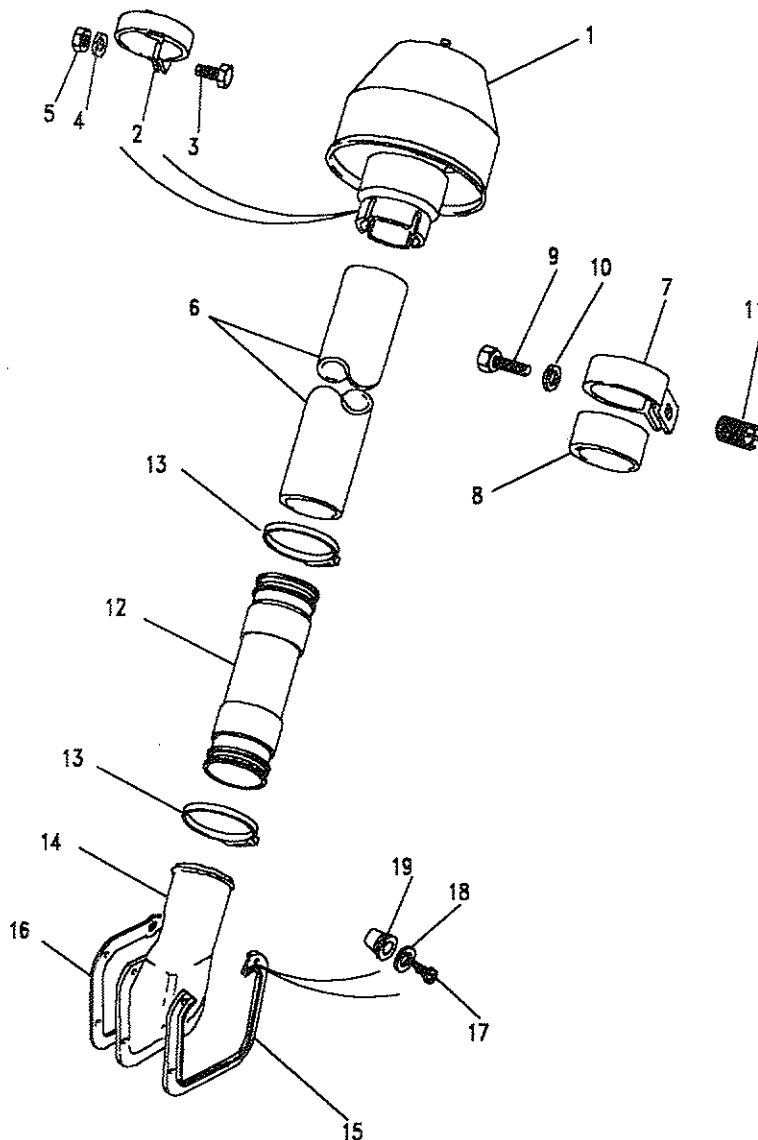
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FUEL SYSTEM AND AIR CLEANER

Model DEFENDER 90

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FUEL SYSTEM - RAISED AIR CLEANER - 200TDI



| III. Part No. | Description          | Qty | Remarks |
|---------------|----------------------|-----|---------|
| 1 NRC6920     | Air cleaner assembly | 1   | Raised  |
| 2 NRC6919     | Clamp                | 1   |         |
| 3 SH106207L   | Screw                | 1   |         |
| 4 WA106047L   | Washer plain         | 1   |         |
| 5 NH106047L   | Nut                  | 1   |         |
| 6 NRC7457     | Pipe air cleaner     | 1   |         |
| 7 NTC4257     | Clamp                | 2   |         |
| 8 276426      | Seal                 | 2   |         |
| 9 SH106207    | Screw                | 2   |         |
| 10 WA106047L  | Washer plain         | 2   |         |
| 11 ML106015   | Insert helicoil      | 2   |         |
| 12 ESR1128    | Hose                 | 1   |         |
| 13 ESR1269    | Clip hose            | 2   |         |
| 14 ESR1127    | Duct air             | 1   |         |
| 15 ESR1225    | Clamp                | 1   |         |
| 16 ESR1265    | Gasket               | 1   |         |
| 17 AB608067   | Screw                | 6   |         |
| 18 WA105001L  | Washer plain         | 6   |         |
| 19 AJU1136L   | Snap sac             | 5   |         |





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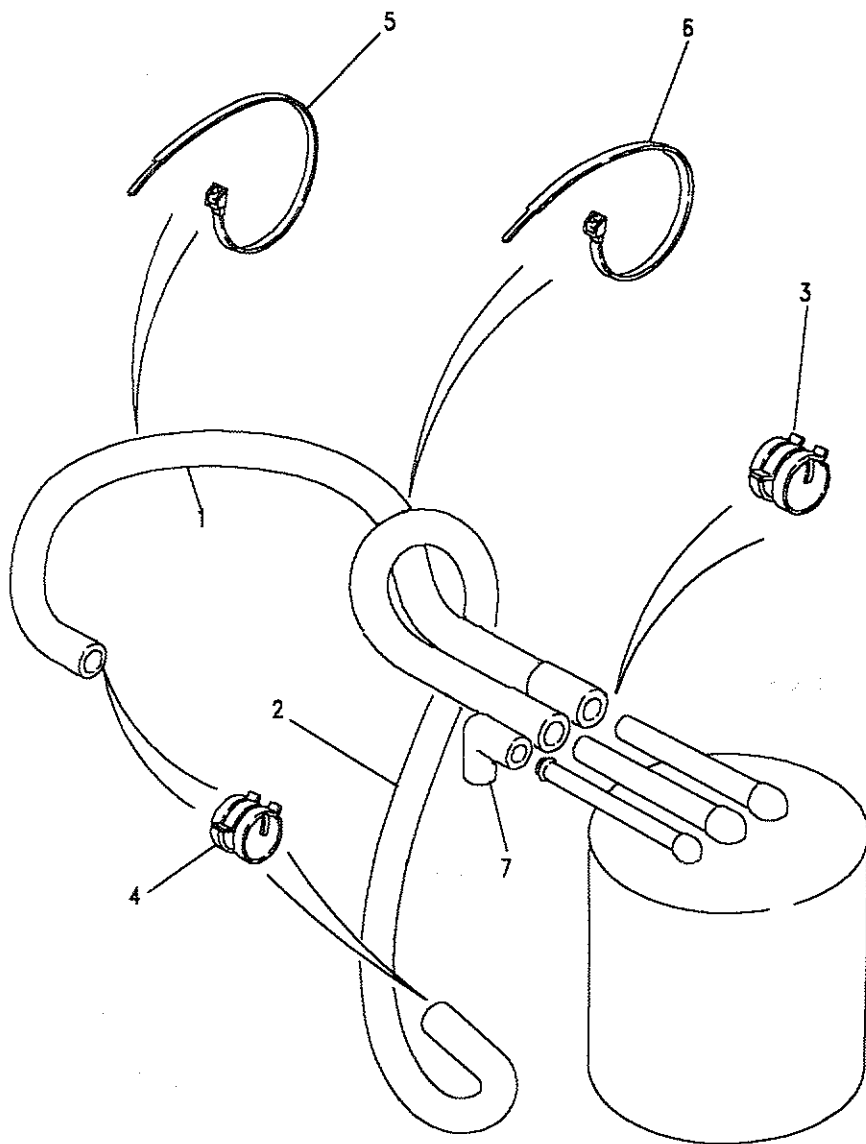
642

FUEL SYSTEM AND AIR CLEANER

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FUEL SYSTEM - EVAPORATIVE LOSS - 4 CYLINDER PETROL

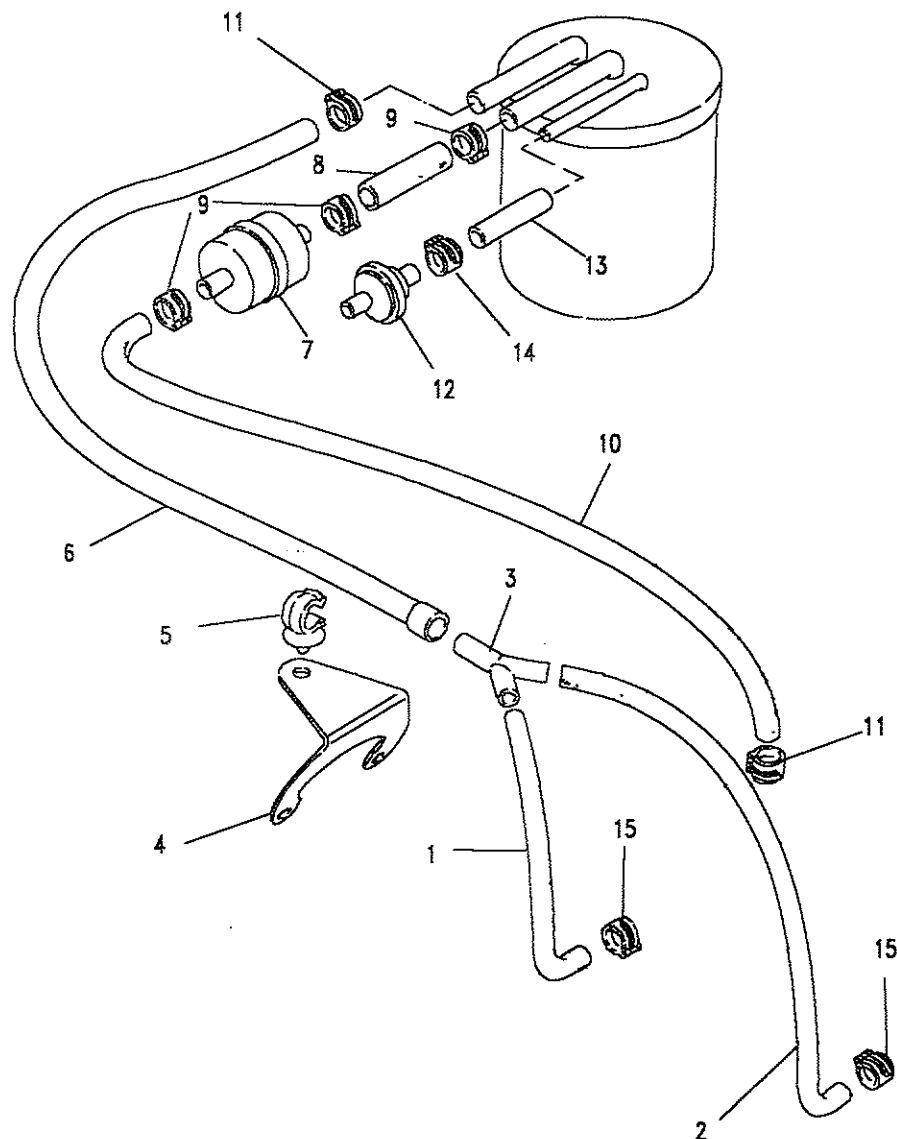
| III. Part No. | Description         | Qty | Remarks |
|---------------|---------------------|-----|---------|
| 1 ETC6932     | Hose-to carburetter | 1   |         |
| 2 ETC5397     | Hose-to engine      | 1   |         |
| 3 UKC3798L    | Clamp hose          | 2   |         |
| 4 UKC3803L    | Clamp hose          | 2   |         |
| 5 UKC6683L    | Strap               | 1   |         |
| 6 C45099      | Strap               | 1   |         |
| 7 577458      | Elbow rubber        | 1   |         |





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## FUEL SYSTEM - EVAPORATIVE LOSS - V8 SU CARBURETTORS

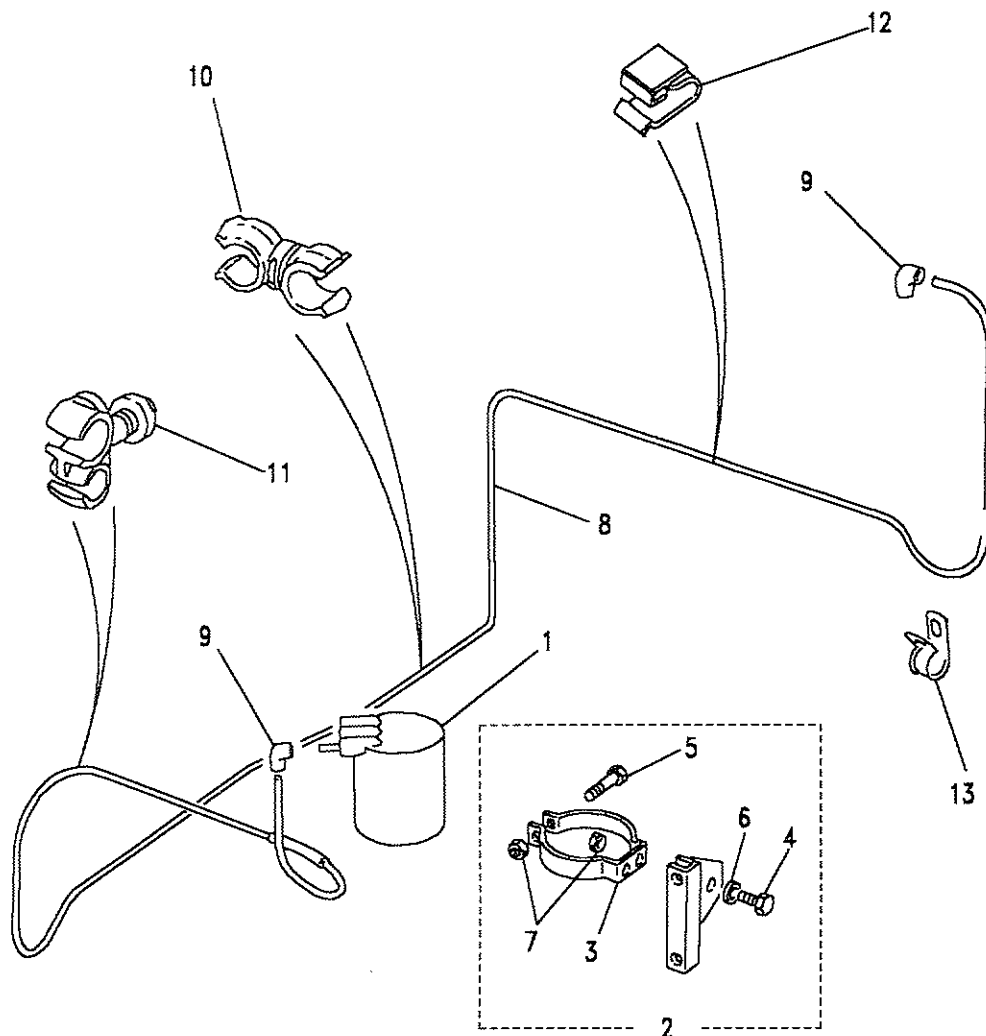


| III. Part No. | Description           | Qty | Remarks |
|---------------|-----------------------|-----|---------|
| 1 NTC3763     | Hose-to Carburetter   | 1   | 110mm   |
| 2 NTC3764     | Hose-to carburetter   | 1   | 293mm   |
| 3 566724L     | Y piece               | 1   |         |
| 4 NTC3862     | Bracket support       | 1   |         |
| 5 NTC3863     | Pipe Clip             | 1   |         |
| 6 NTC3766     | Hose                  | 1   |         |
| 7 606168      | Filter                | 1   |         |
| 8 ERC4176     | Hose                  | 1   | RHS     |
| ETC5397       | Hose                  | 1   | LHS     |
| 9 UKC3794L    | Clamp hose            | 3   |         |
| 10 ETC5398    | Hose-to engine        | 1   | RHS     |
| ERC3955       | Hose-to engine        | 1   | LHS     |
| 11 UKC3798L   | Clamp hose            | 2   |         |
| 12 NTC3891    | Valve pressure/vacuum | 1   |         |
| 13 ERC4176    | Hose                  | 1   |         |
| 14 UKC3795L   | Clamp hose            | 1   |         |
| 15 UKC3803L   | Clamp hose            | 2   |         |

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**Page** ADJXTA3A

### FUEL SYSTEM - EVAPORATIVE LOSS

| III. Part No. | Description        | Qty | Remarks |
|---------------|--------------------|-----|---------|
| 1 AFU1085L    | Canister charcoal  | 1   |         |
| 2 ESR1278     | Bracket support    | 1   |         |
| 3 NRC4776     | Clamp              | 1   |         |
| 4 SH106141L   | Screw              | 2   |         |
| 5 SH106351L   | Screw              | 1   |         |
| 6 WL106001L   | Washer spring      | 2   |         |
| 7 NY106041L   | Nut                | 3   |         |
| 8 NTC1304     | Pipe-to catch tank | 1   |         |
| 9 577458      | Elbow rubber       | 2   |         |
| 10 NTC3333    | Clip swivel        | 5   |         |
| 11 NRC5415    | Pipe clip          | 2   | V8      |
| 12 NTC1310    | Pipe clip          | 3   |         |
| 13 CP108081L  | Pipe clip          | 1   |         |





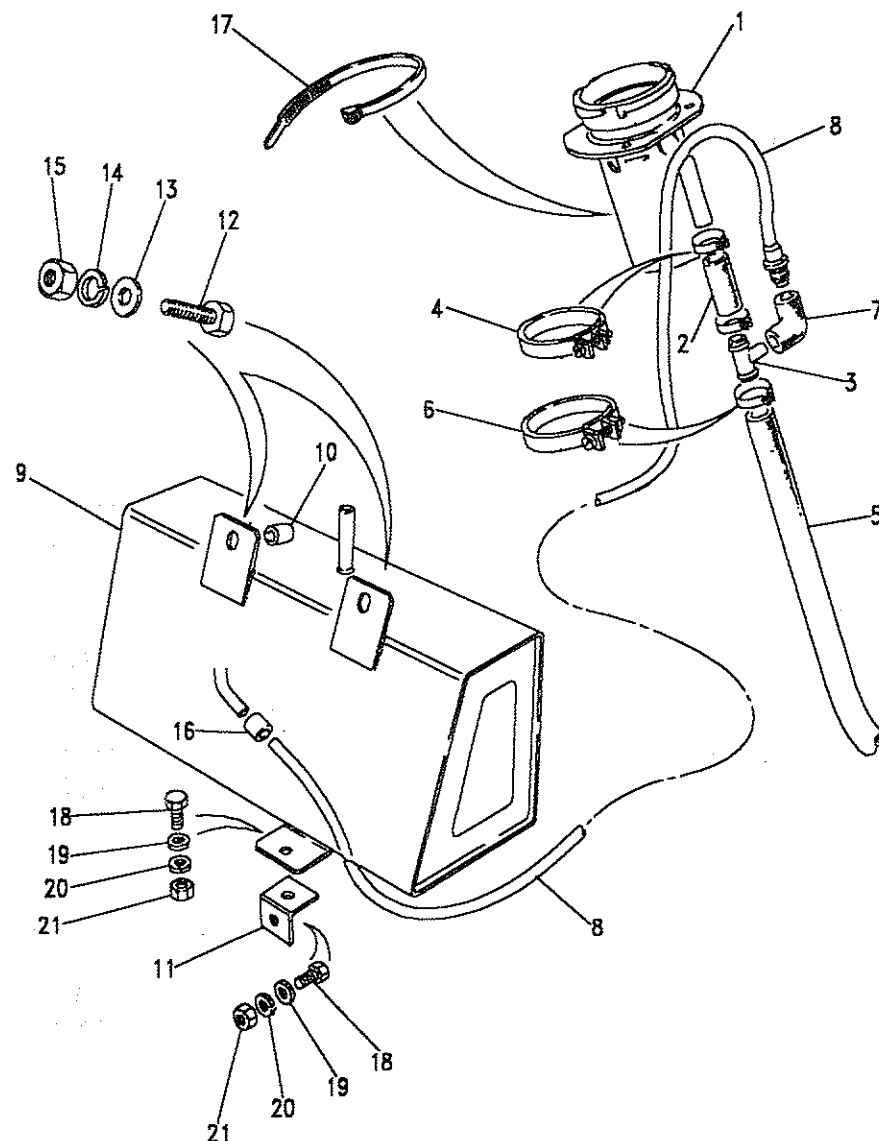
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FUEL SYSTEM AND AIR CLEANER

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FUEL SYSTEM - EVAPORATIVE LOSS



| III. Part No. | Description | Qty | Remarks         |
|---------------|-------------|-----|-----------------|
| 1             | NRC9423     | 1   | Fuel filler     |
| 2             | NRC2159     | 1   | Connection hose |
| 3             | NRC2652     | 1   | Tee piece       |
| 4             | CN100168L   | 3   | Clip hose       |
| 5             | NRC2214     | 1   | Hose breather   |
| 6             | 603887      | 1   | Clip hose       |
| 7             | 577458      | 1   | Elbow rubber    |
| 8             | NTC1305     | 1   | Pipe            |
| 9             | NRC9472     | 1   | Catch tank      |
| 10            | NTC1306     | 1   | Spacer          |
| 11            | NTC1307     | 1   | Bracket support |
| 12            | SH108301L   | 2   | Screw           |
| 13            | WA108051L   | 2   | Washer plain    |
| 14            | AFU1079     | 2   | Washer plain    |
| 15            | WL108001L   | 2   | Washer spring   |
| 16            | FN108041L   | 2   | Nut             |
| 17            | 577459      | 1   | Connector       |
| 18            | C45099      | 1   | Cable tie       |
| 19            | SH108161L   | 2   | Screw           |
| 20            | WA108051L   | 2   | Washer plain    |
| 21            | WL108001L   | 2   | Washer spring   |
| 22            | FN108041L   | 2   | Nut             |





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EXHAUST SYSTEM

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GROUP K

EXHAUST SYSTEM

EXHAUST SYSTEM

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EXHAUST SYSTEM

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EXHAUST SYSTEM - FRONT - 4 CYL PETROL AND NAT ASP DIESEL

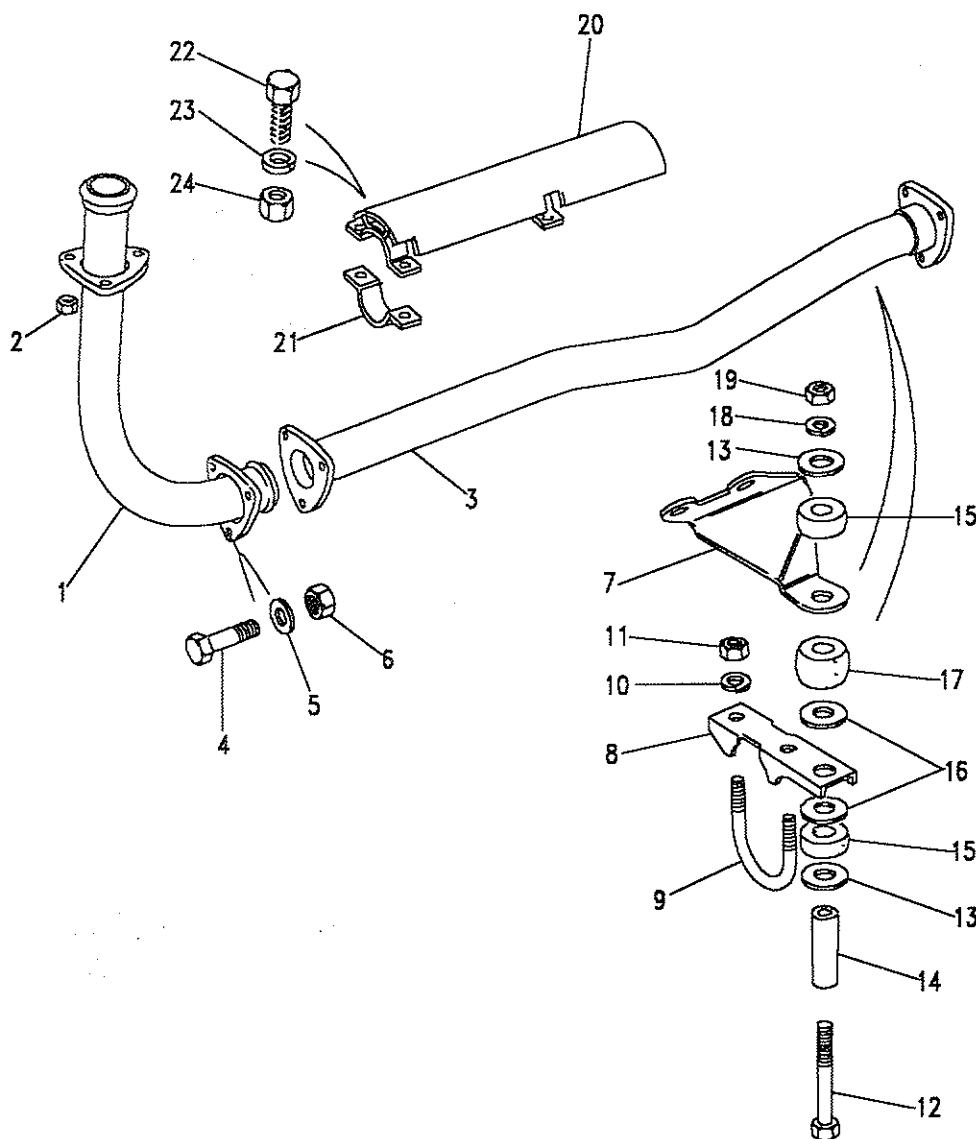
III. Part No.

Description

Qty Remarks

Upto VIN 267063

|    |           |                    |   |             |
|----|-----------|--------------------|---|-------------|
| 1  | NRC8911   | Downpipe           | 1 | 2.25 petrol |
|    | NTC2036   | Downpipe           | 1 | 2.5 petrol  |
|    | NRC9137   | Downpipe           | 1 | Diesel      |
| 2  | AFU2778   | Nut                | 3 |             |
| 3  | NRC6436   | Pipe intermediate  | 1 |             |
|    | NTC1664   | Pipe intermediate  | 1 | 2.5 petrol  |
| 4  | FB108081L | Bolt flanged       | 3 |             |
| 5  | WL108001L | Washer spring      | 3 |             |
| 6  | FN108041L | Nut                | 3 |             |
| 7  | NRC7778   | Bracket mounting   | 1 |             |
| 8  | NRC6467   | Clamp exhaust      | 1 |             |
| 9  | NRC6466   | U bolt             | 1 |             |
| 10 | WL108001L | Washer spring      | 2 |             |
| 11 | FN108041L | Nut                | 2 |             |
| 12 | SH108701L | Bolt               | 1 |             |
| 13 | WP105L    | Washer plain       | 2 |             |
| 14 | NRC5403   | Spacer             | 1 |             |
| 15 | 572166    | Bush rubber        | 2 |             |
| 16 | 572168    | Washer             | 2 |             |
| 17 | 572167    | Bush rubber        | 1 |             |
| 18 | WL108001L | Washer spring      | 1 |             |
| 19 | FN108041L | Nut                | 1 |             |
| 20 | NRC9733   | Heatshield exhaust | 1 |             |
|    | NTC5205   | Heatshield exhaust | 1 | 2.5 petrol  |
| 21 | NRC9722   | Clamp exhaust      | 2 |             |
|    | NTC2278   | Clamp exhaust      | 1 | 2.5 petrol  |
| 22 | FS108201L | Screw              | 4 |             |
| 23 | WL108001L | Washer spring      | 4 |             |
| 24 | FN108041L | Nut                | 4 |             |

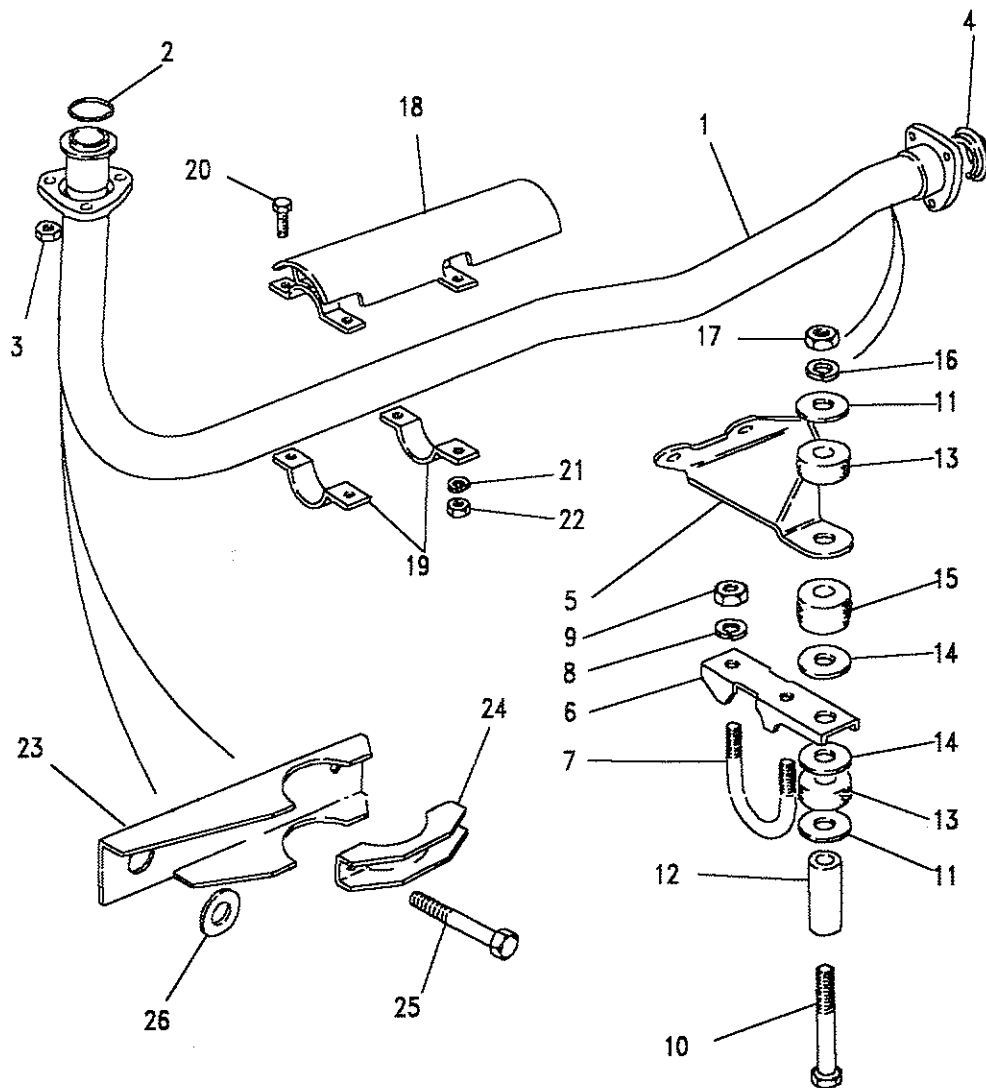


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### EXHAUST SYSTEM - FRONT - 4 CYL PETROL AND NAT ASP DIESEL

| III. Part No.          | Description      | Qty | Remarks     |
|------------------------|------------------|-----|-------------|
| <b>From VIN 267064</b> |                  |     |             |
| 1 NTC1794K             | Downpipe         | 1   | Petrol      |
| 2 ESR1617              | Downpipe         | 1   | Diesel      |
| 3 ETC5337              | Gasket           | 1   |             |
| 4 AFU2778              | Nut              | 3   |             |
| 5 NTC1030              | Olive            | 1   |             |
| 6 NRC7778              | Bracket mounting | 1   |             |
| 7 NRC6467              | Clamp exhaust    | 1   | Upto 290508 |
| 8 90575748             | Clamp exhaust    | 1   | From 290509 |
| 9 NRC6466              | U bolt           | 1   | Upto 290508 |
| 10 NRC6374             | U bolt           | 1   | From 290509 |
| 11 WL108001L           | Washer spring    | 2   |             |
| 12 FN108041L           | Nut              | 2   |             |
| 13 SH108701L           | Screw            | 1   |             |
| 14 WP105L              | Washer plain     | 2   |             |
| 15 NRC5403             | Spacer           | 1   |             |
| 16 572166              | Bush rubber      | 2   |             |
| 17 572168              | Washer           | 1   |             |
| 18 572167              | Bush rubber      | 1   |             |
| 19 WL108001L           | Washer spring    | 1   |             |
| 20 FN108041L           | Nut              | 1   |             |





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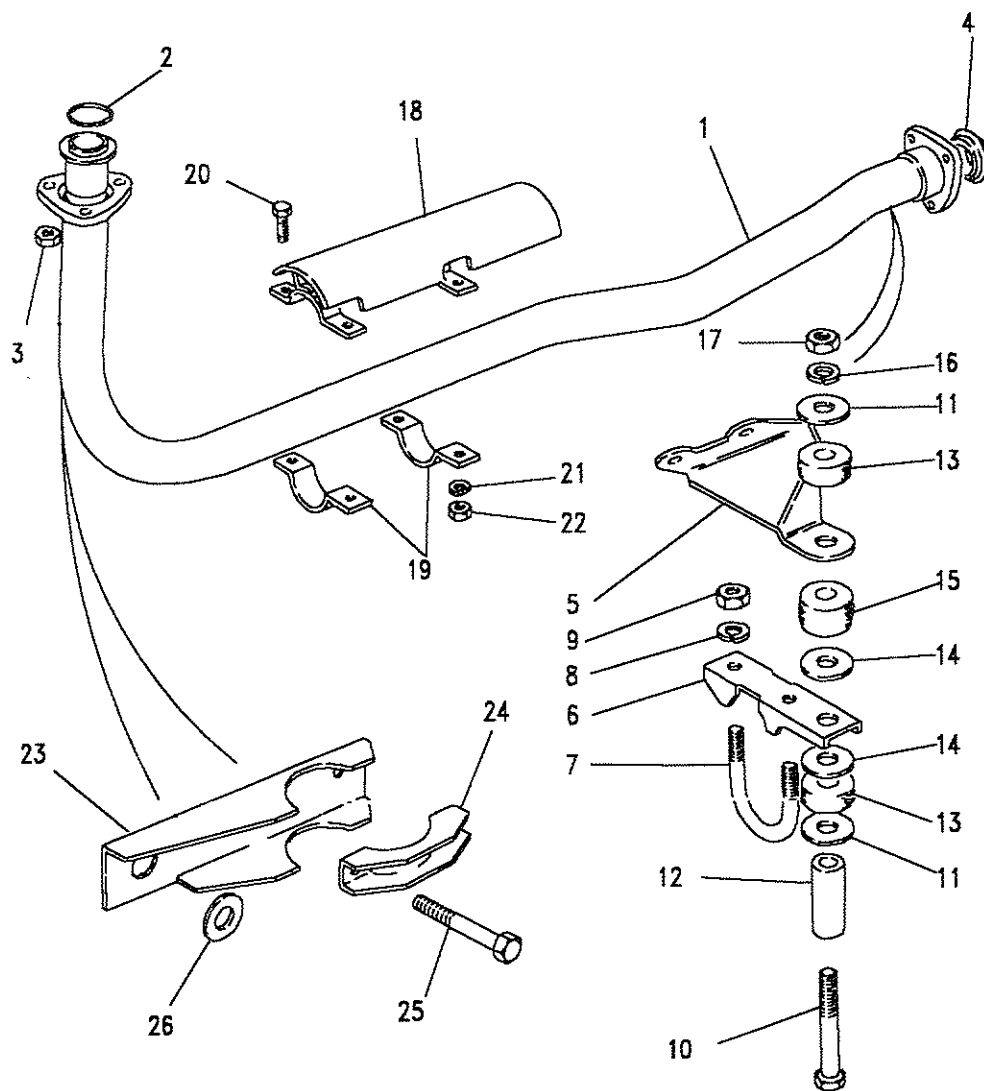
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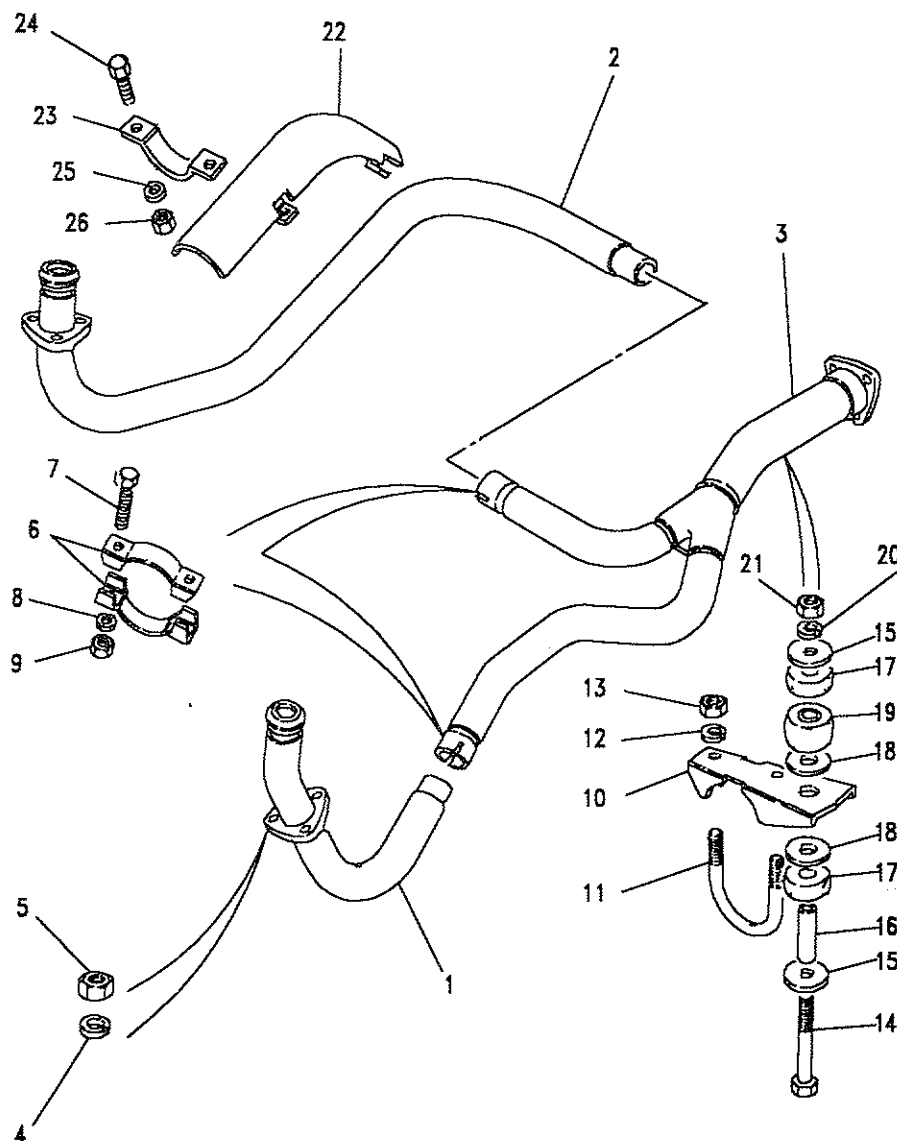
## EXHAUST SYSTEM

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Page ADKXAA2A

### EXHAUST SYSTEM - FRONT - 4 CYL PETROL AND NAT ASP DIESEL

| III. Part No. | Description        | Qty | Remarks                    |
|---------------|--------------------|-----|----------------------------|
| 18 NTC5205    | Heatshield exhaust | 1   |                            |
| 19 NTC2278    | Clamp exhaust      | 2   |                            |
| 20 FS108201L  | Screw              | 4   |                            |
| 21 WL108001L  | Washer spring      | 4   |                            |
| 22 FN108041L  | Nut                | 4   |                            |
| 23 NTC4580    | Bracket support    | 1   | )From 290509               |
| 24 NTC4586    | Clamp exhaust      | 1   | )Upto EA338105             |
| 25 BH108131L  | Bolt               | 2   | )and                       |
| 26 WC112081L  | Washer plain       | 1   | )From FA405285<br>)onwards |





**Model** DEFENDER 90

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### EXHAUST SYSTEM - FRONT - V8

| III. Part No.          | Description | Qty | Remarks            |
|------------------------|-------------|-----|--------------------|
| <b>Upto VIN 267907</b> |             |     |                    |
| 1                      | NRC4219     | 1   | Downpipe LH        |
| 2                      | NRC6432     | 1   | Downpipe RH        |
| 3                      | NRC4218     | 1   | Y piece            |
| 4                      | WM600051L   | 6   | Washer spring      |
| 5                      | NH605041L   | 6   | Nut                |
| 6                      | 90575511    | 4   | Clamp exhaust      |
| 7                      | BH108091L   | 4   | Bolt               |
| 8                      | WL108001L   | 4   | Washer spring      |
| 9                      | FN108041L   | 4   | Nut                |
| 10                     | 90575748    | 1   | Clamp exhaust      |
| 11                     | NRC6374     | 1   | U bolt             |
| 12                     | WL108001L   | 2   | Washer spring      |
| 13                     | FN108041L   | 2   | Nut                |
| 14                     | SH108701L   | 1   | Screw              |
| 15                     | WP105L      | 2   | Washer plain       |
| 16                     | NRC5403     | 1   | Spacer             |
| 17                     | 572166      | 2   | Bush rubber        |
| 18                     | 572168      | 2   | Washer             |
| 19                     | 572167      | 1   | Bush rubber        |
| 20                     | WL108001L   | 1   | Washer spring      |
| 21                     | FN108041L   | 1   | Nut                |
| 22                     | NRC9724     | 2   | Heatshield exhaust |
| 23                     | NRC9722     | 4   | Clamp exhaust      |
| 24                     | FS108201L   | 8   | Screw              |
| 25                     | WL108001L   | 8   | Washer spring      |
| 26                     | FN108041L   | 8   | Nut                |



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## EXHAUST SYSTEM - FRONT - V8

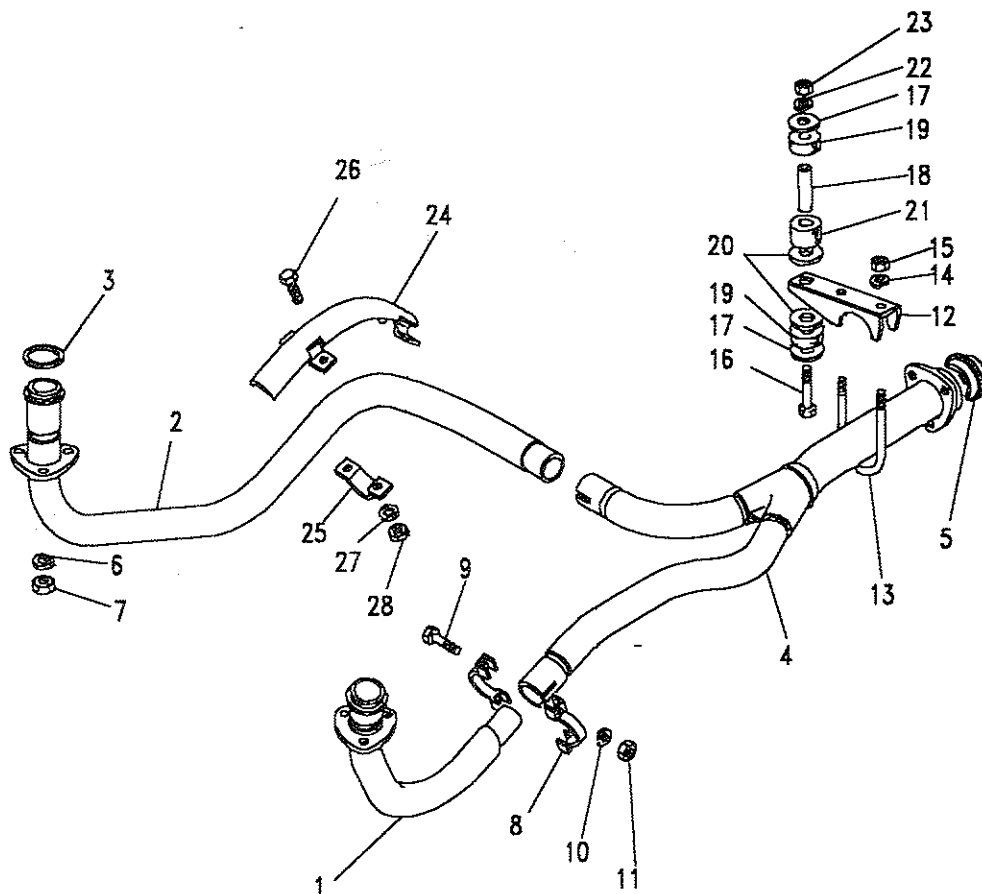
## III. Part No.

## Description

## Qty Remarks

## From VIN 267908

|    |           |                   |   |                   |
|----|-----------|-------------------|---|-------------------|
| 1  | NTC1133K  | Downpipe LH       | 1 | Upto VIN FA404321 |
| 2  | NTC1136K  | Downpipe assembly | 1 | Upto FA404321 15/ |
|    | NRC4219   | Downpipe LH       | 1 | From FA404322     |
|    | NRC6432   | Downpipe RH       | 1 | From FA404322     |
| 3  | ERC2734   | Gasket            | 2 | Upto FA404321     |
| 4  | NTC2726   | Y piece           | 1 |                   |
| 5  | NTC1030   | Olive             | 1 |                   |
| 6  | WM600051L | Washer spring     | 6 | Upto FA404321     |
| 7  | NH605041L | Nut               | 6 | Upto FA404321     |
|    | NV605041L | Nut               | 6 | From FA404322     |
| 8  | 90575511  | Clamp exhaust     | 4 |                   |
| 9  | BH108091L | Bolt              | 4 |                   |
| 10 | WL108001L | Washer spring     | 4 |                   |
| 11 | FN108041L | Nut               | 4 |                   |
| 12 | 90575748  | Clamp exhaust     | 1 |                   |
| 13 | NRC6374   | U bolt            | 1 |                   |
| 14 | WL108001L | Washer spring     | 2 |                   |
| 15 | FN108041L | Nut               | 2 |                   |
| 16 | SH108701L | Screw             | 1 |                   |
| 17 | WP105L    | Washer plain      | 2 |                   |
| 18 | NRC5403   | Spacer            | 1 |                   |
| 19 | 572166    | Bush rubber       | 2 |                   |
| 20 | 572168    | Washer            | 2 |                   |
| 21 | 572167    | Bush rubber       | 1 |                   |
| 22 | WL108001L | Washer spring     | 1 |                   |
| 23 | FN108041L | Nut               | 1 |                   |





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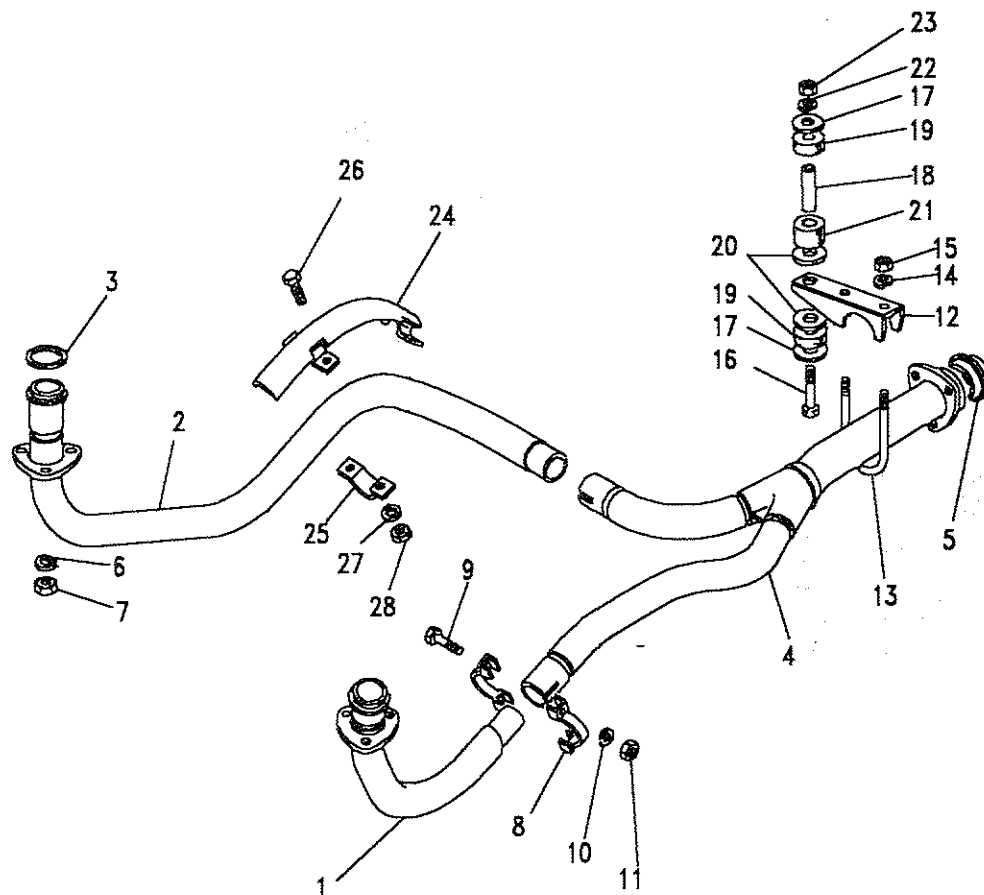
EXHAUST SYSTEM

Model DEFENDER 90

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EXHAUST SYSTEM - FRONT - V8

| III. Part No. | Description        | Qty | Remarks |
|---------------|--------------------|-----|---------|
| 24 NRC9724    | Heatshield exhaust | 2   |         |
| 25 NRC9722    | Clamp exhaust      | 4   |         |
| 26 SH108201   | Screw              | 8   |         |
| 27 WL108001L  | Washer spring      | 8   |         |
| 28 FN108041L  | Nut                | 8   |         |





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## EXHAUST SYSTEM

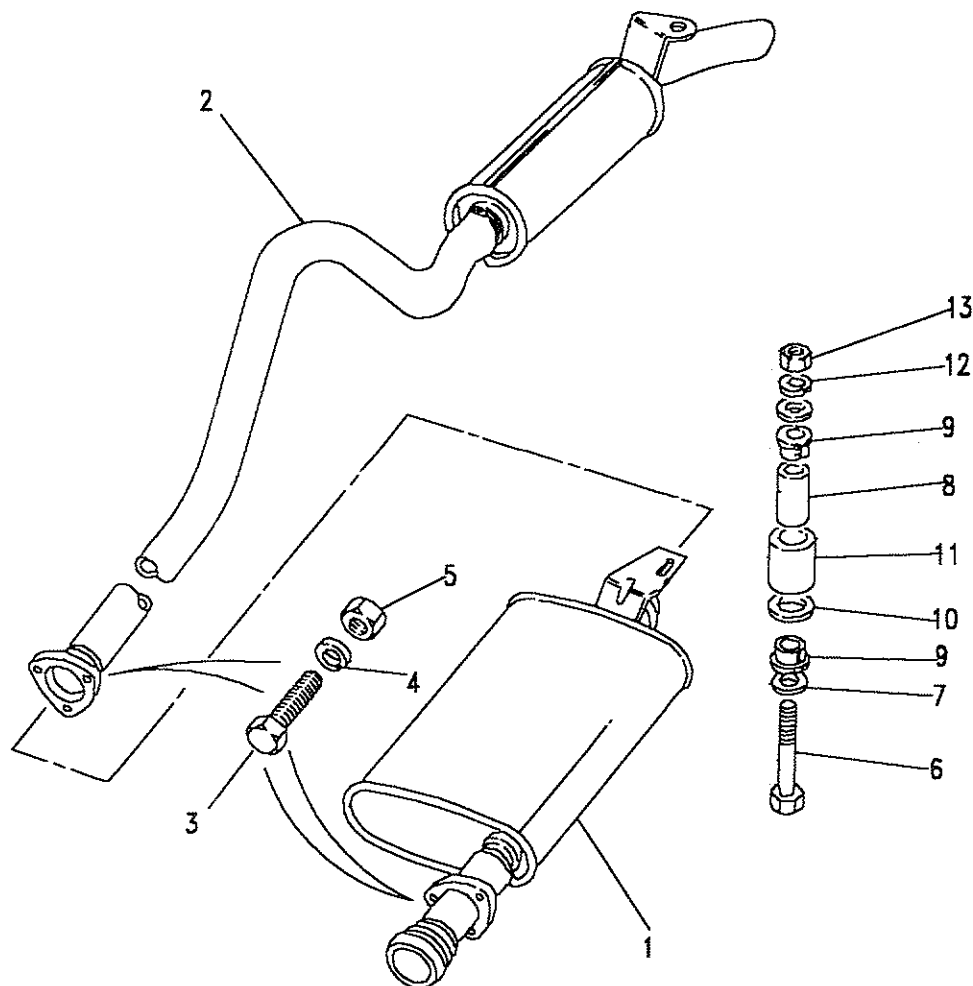
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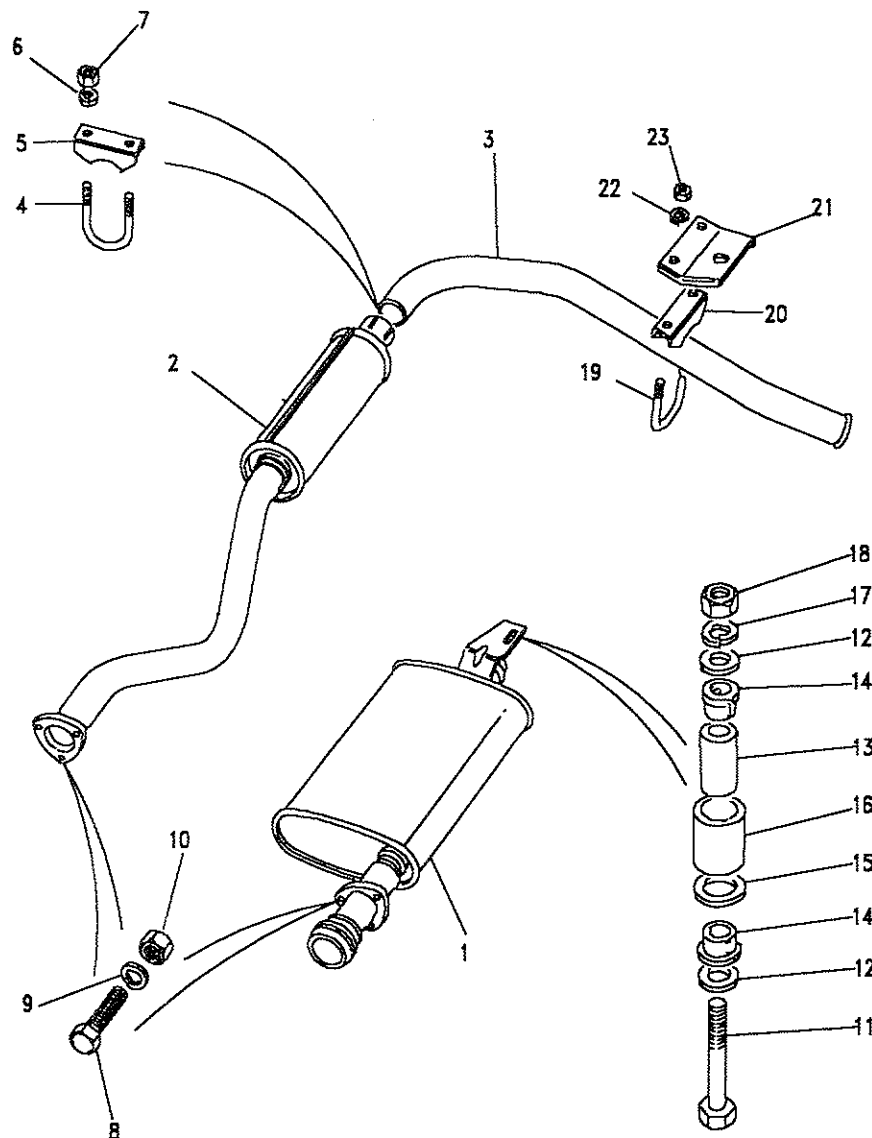
Page ADKXAA5A

### EXHAUST SYSTEM - REAR - SEE NOTES

| III. Part No. | Description       | Qty | Remarks |
|---------------|-------------------|-----|---------|
| 1 NRC8888     | Silencer front    | 1   |         |
| 2 NRC8889     | Silencer rear     | 1   |         |
| NRC8238       | Finisher tailpipe | 1   | Germany |
| 3 FB108081L   | Bolt flanged      | 6   |         |
| 4 WL108001L   | Washer spring     | 6   |         |
| 5 FN108041L   | Nut               | 6   |         |
| 6 SH108701L   | Screw             | 2   |         |
| 7 WP105L      | Washer plain      | 4   |         |
| 8 NRC5403     | Spacer            | 2   |         |
| 9 572166      | Bush rubber       | 4   | Thin    |
| 10 572168     | Washer            | 4   |         |
| 11 572167     | Bush rubber       | 2   | Thick   |
| 12 WL108001L  | Washer spring     | 2   |         |
| 13 FN108041L  | Nut               | 2   |         |

Note(1) Vehicles with Hoods - Upto VIN 232010  
Note(2) Hard Top and Station Wagon - Upto VIN 253495





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## EXHAUST SYSTEM - REAR - SEE NOTES

| III. Part No. | Description | Qty | Remarks         |
|---------------|-------------|-----|-----------------|
| 1             | NRC8888     | 1   | Silencer front  |
| 2             | NTC1150     | 1   | Silencer rear   |
| 3             | NTC1149     | 1   | Tailpipe        |
| 4             | NTC1311     | 1   | U bolt          |
| 5             | NTC1312     | 1   | Clamp exhaust   |
| 6             | WL108001L   | 2   | Washer spring   |
| 7             | FN108041L   | 2   | Nut             |
| 8             | FB108081L   | 6   | Bolt flanged    |
| 9             | WL108001L   | 6   | Washer spring   |
| 10            | FN108041L   | 6   | Nut             |
| 11            | SH108701L   | 2   | Screw           |
| 12            | WP105       | 4   | Washer plain    |
| 13            | NRC5403     | 2   | Spacer          |
| 14            | 572166      | 4   | Bush rubber     |
| 15            | 572168      | 4   | Washer          |
| 16            | 572167      | 2   | Bush rubber     |
| 17            | WL108001L   | 2   | Washer spring   |
| 18            | FN108041L   | 2   | Nut             |
| 19            | NTC1311     | 1   | U bolt          |
| 20            | NTC1312     | 1   | Clamp exhaust   |
| 21            | NTC1313     | 1   | Bracket support |
| 22            | WL108001L   | 2   | Washer spring   |
| 23            | FN108041L   | 2   | Nut             |

Note(1) Vehicles with Hoods - From VIN 232011 to 267063

Note(2) Hard Top and Station Wagon - From VIN 253495 to 267063





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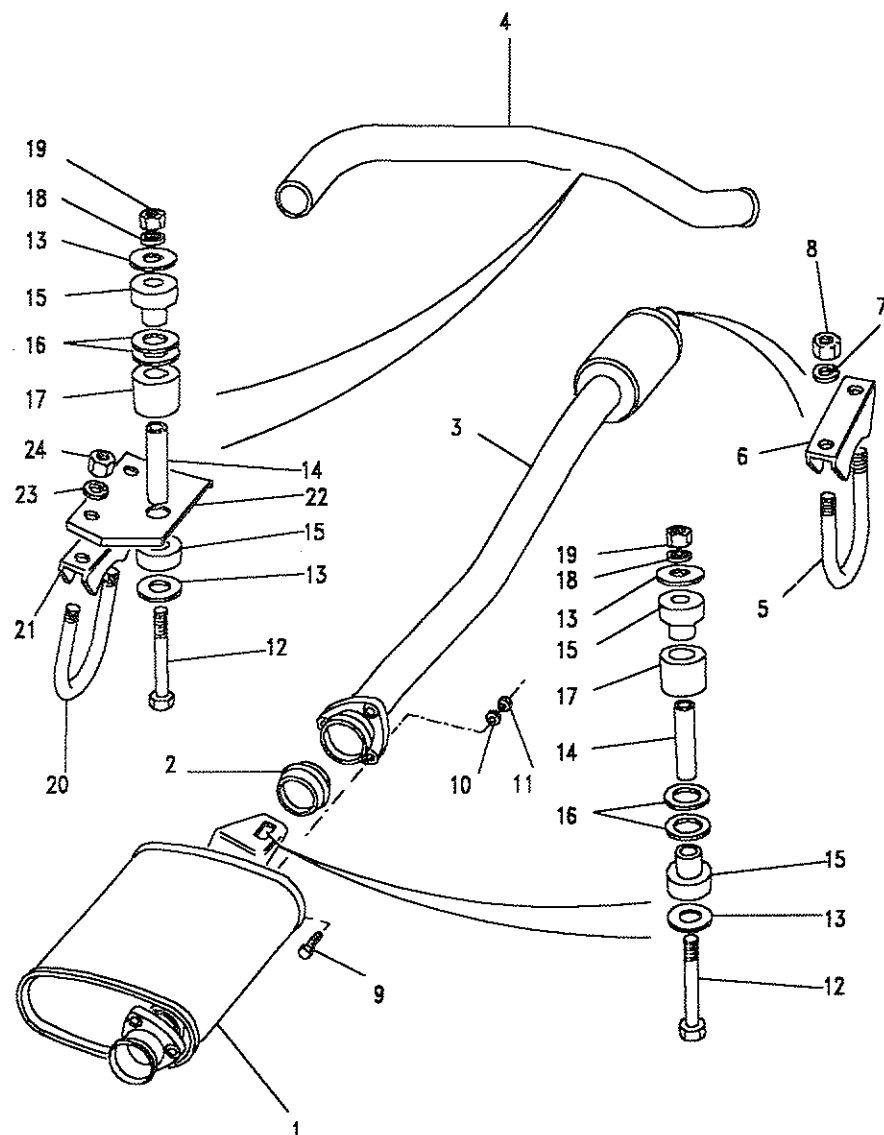
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EXHAUST SYSTEM

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EXHAUST SYSTEM - REAR



III. Part No.

Description

Qty Remarks

From VIN 267064

|    |           |                 |   |
|----|-----------|-----------------|---|
| 1  | NTC4615   | Silencer front  | 1 |
| 2  | NTC2731   | Olive           | 1 |
| 3  | NTC1799   | Silencer rear   | 1 |
| 4  | NTC1149   | Tailpipe        | 1 |
| 5  | NTC1311   | U bolt          | 1 |
| 6  | NTC1312   | Clamp exhaust   | 1 |
| 7  | WL108001L | Washer spring   | 2 |
| 8  | FN108041L | Nut             | 2 |
| 9  | FB108081L | Bolt flanged    | 6 |
| 10 | WL108001L | Washer spring   | 6 |
| 11 | FN108041L | Nut             | 6 |
| 12 | SH108701L | Screw           | 2 |
| 13 | WP105L    | Washer plain    | 4 |
| 14 | NRC5403   | Spacer          | 2 |
| 15 | 572166    | Bush rubber     | 4 |
| 16 | 572168    | Washer          | 4 |
| 17 | 572167    | Bush rubber     | 2 |
| 18 | WL108001L | Washer spring   | 2 |
| 19 | FN108041L | Nut             | 2 |
| 20 | NTC1311   | U bolt          | 1 |
| 21 | NTC1312   | Clamp exhaust   | 1 |
| 22 | NTC1313   | Bracket support | 1 |
| 23 | WL108001L | Washer spring   | 2 |
| 24 | FN108041L | Nut             | 2 |



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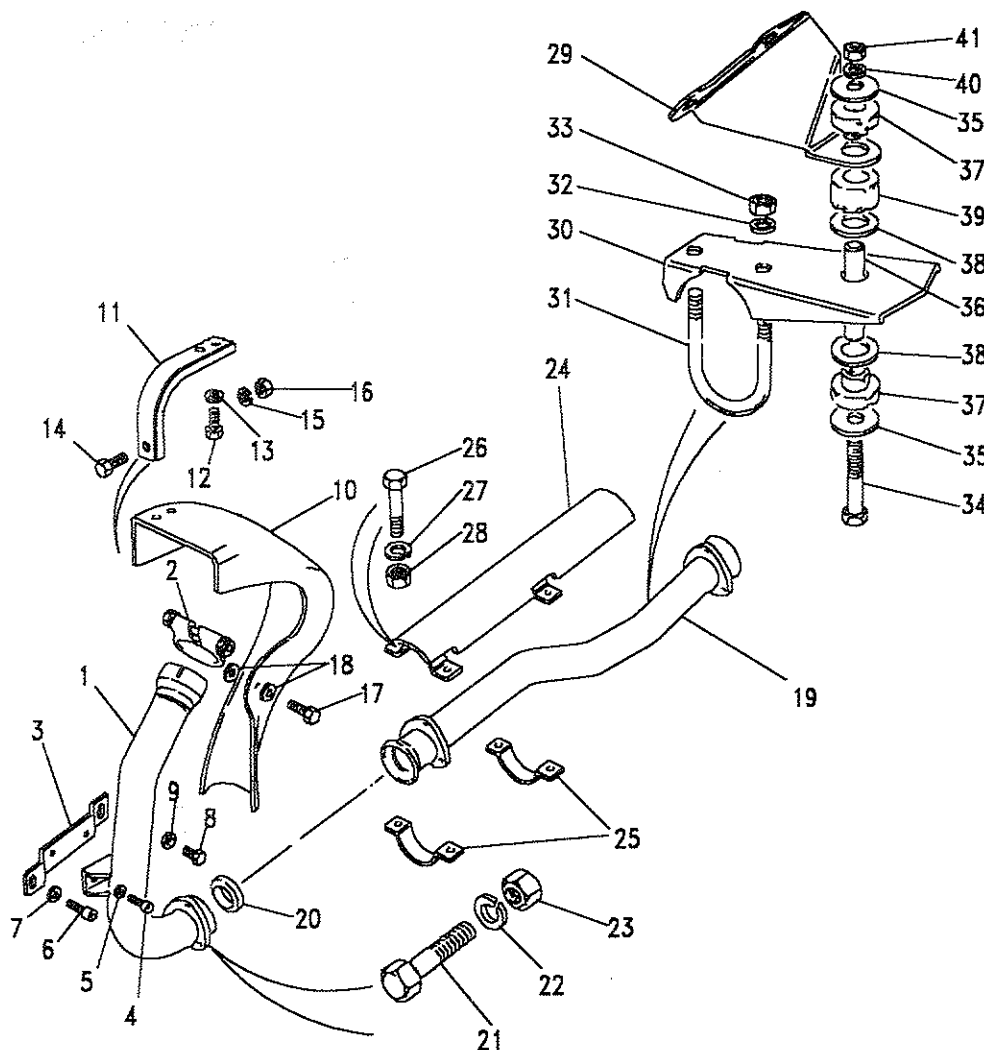
### EXHAUST SYSTEM - FRONT - DIESEL TURBO

#### III. Part No.

#### Description

#### Qty Remarks

|    |           |                   |   |                   |
|----|-----------|-------------------|---|-------------------|
| 1  | NTC4426   | Downpipe          | 1 | Upto VIN FA450140 |
|    | ESR159    | Downpipe          | 1 | From VIN FA450141 |
| 2  | NTC3608   | Clamp             | 1 |                   |
|    | SH110161  | Screw             | 1 | Upto VIN FA450140 |
|    | WA110061  | Washer plain      | 1 | Upto VIN FA450140 |
| 3  | ESR266    | Bracket mounting  | 1 | From VIN FA450141 |
| 4  | SS106161L | Screw             | 2 | From VIN FA450141 |
| 5  | WJ106001L | Washer plain      | 2 | From VIN FA450141 |
| 6  | SS108161L | Screw             | 1 | From VIN FA450141 |
| 7  | WA108051L | Washer plain      | 1 | From VIN FA450141 |
| 8  | SH110141L | Screw             | 1 | From VIN FA450141 |
| 9  | WA110061L | Washer plain      | 1 | From VIN FA450141 |
| 10 | NTC4833   | Heatshield        | 1 |                   |
| 11 | NTC4548   | Bracket support   | 1 | Upto VIN FA418962 |
|    | ESR219    | Bracket support   | 1 | From VIN FA418963 |
| 12 | FS106167L | Screw             | 2 | Note(1)           |
| 13 | WA106041L | Washer plain      | 2 | Upto VIN FA418962 |
|    | WA106041L | Washer plain      | 1 | From VIN FA418963 |
| 14 | FS106167L | Screw             | 1 | Note(1)           |
| 15 | WL106001  | Washer spring     | 1 |                   |
| 16 | NH106041L | Nut               | 1 |                   |
| 17 | SH108141L | Screw             | 1 | Note(1)           |
| 18 | WJ108001  | Washer plain      | 2 |                   |
| 19 | NTC4221   | Pipe intermediate | 1 |                   |
| 20 | NTC1030   | Olive             | 1 |                   |
| 21 | BH108091L | Bolt              | 3 |                   |
| 22 | WL108001L | Washer spring     | 3 |                   |
| 23 | FN108041L | Nut               | 3 |                   |



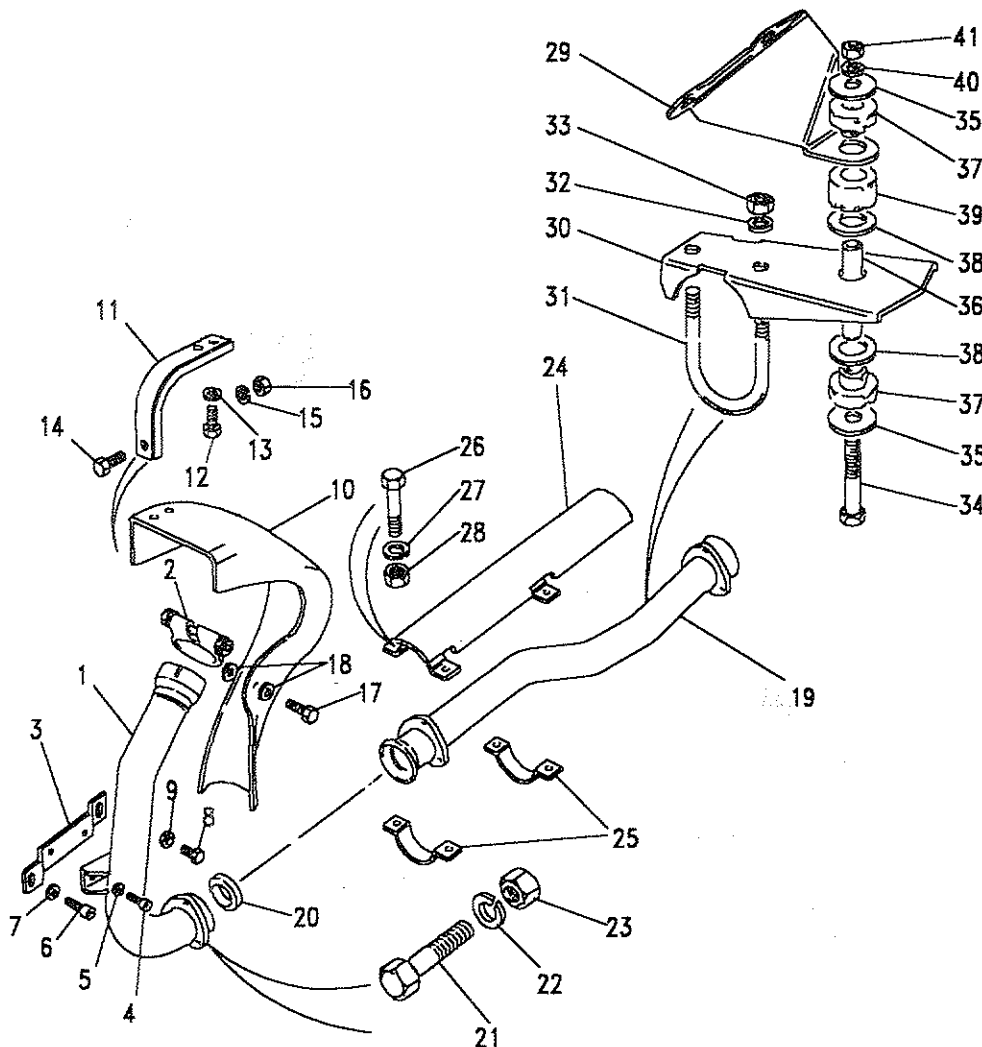
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### EXHAUST SYSTEM - FRONT - DIESEL TURBO

| III. Part No. | Description | Qty | Remarks      |
|---------------|-------------|-----|--------------|
| 24            | NTC5205     | 1   | CI slave cyl |
| 25            | NTC2278     | 2   |              |
| 26            | FS108207L   | 4   |              |
| 27            | WL108001L   | 4   |              |
| 28            | FN108041L   | 4   |              |
| 29            | ESR169      | 1   |              |
| 30            | 90575748    | 1   |              |
| 31            | NRC6374     | 1   |              |
| 32            | WL108001L   | 2   |              |
| 33            | FN108041L   | 2   |              |
| 34            | BH108141L   | 1   |              |
| 35            | WP105L      | 2   |              |
| 36            | NRC5403     | 1   |              |
| 37            | 572166      | 2   |              |
| 38            | 572168      | 2   |              |
| 39            | 572167      | 1   |              |
| 40            | WL108001L   | 1   |              |
| 41            | FN108041L   | 1   |              |

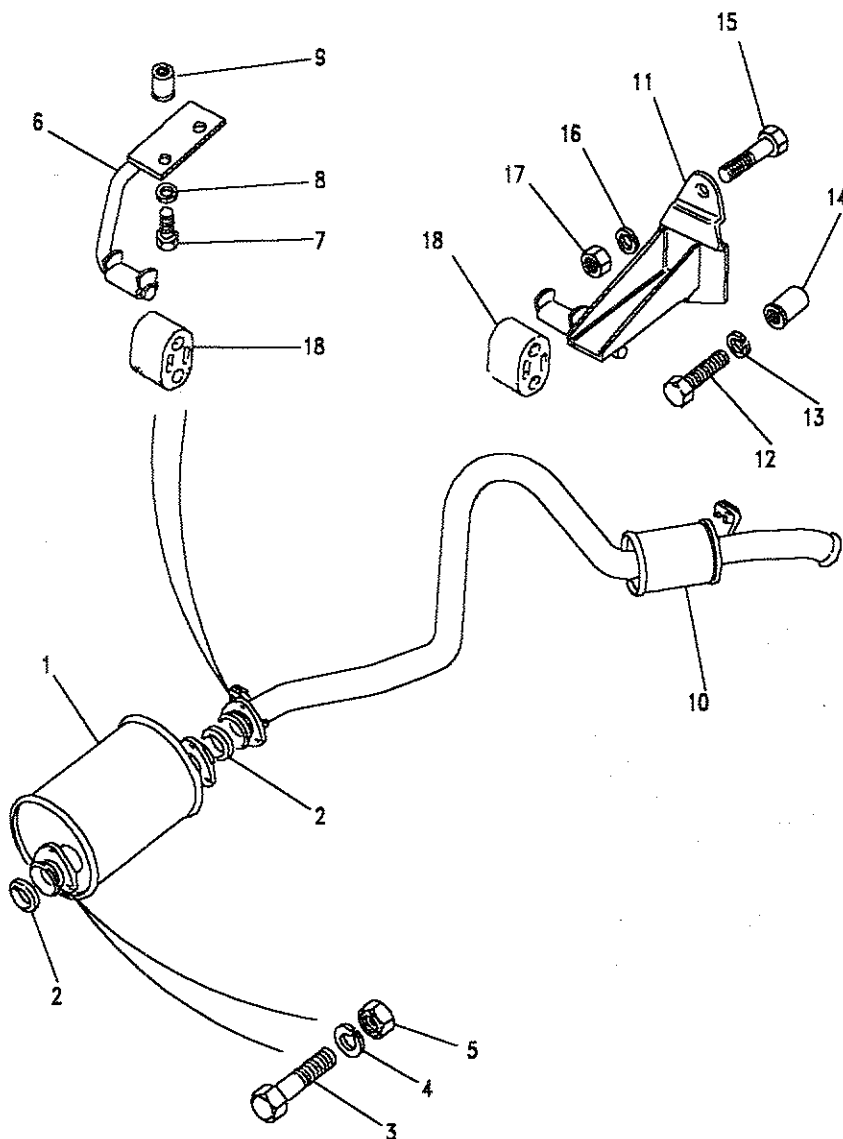
Note(1) Use Loctite 242 or similar



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### EXHAUST SYSTEM - REAR - DIESEL TURBO

| III. Part No. | Description | Qty | Remarks          |
|---------------|-------------|-----|------------------|
| 1             | NTC1665     | 1   | Silencer exhaust |
| 2             | NTC1030     | 2   | Olive            |
| 3             | BH108091L   | 6   | Bolt             |
| 4             | WL108001L   | 6   | Washer spring    |
| 5             | FN108041L   | 6   | Nut              |
| 6             | NTC3618     | 1   | Bracket support  |
| 7             | FS108207L   | 2   | Screw            |
| 8             | WL108001L   | 2   | Washer spring    |
| 9             | NN108021    | 2   | Nutsert          |
| 10            | NTC1802     | 1   | Silencer rear    |
| 11            | NTC4252     | 1   | Bracket support  |
| 12            | FS108207L   | 1   | Screw            |
| 13            | WL108001L   | 1   | Washer spring    |
| 14            | NN108021    | 1   | Nutsert          |
| 15            | FB108121L   | 1   | Flange bolt      |
| 16            | WL108001L   | 1   | Washer spring    |
| 17            | FN108041L   | 1   | Nut              |
| 18            | NTC3650     | 2   | Mounting rubber  |





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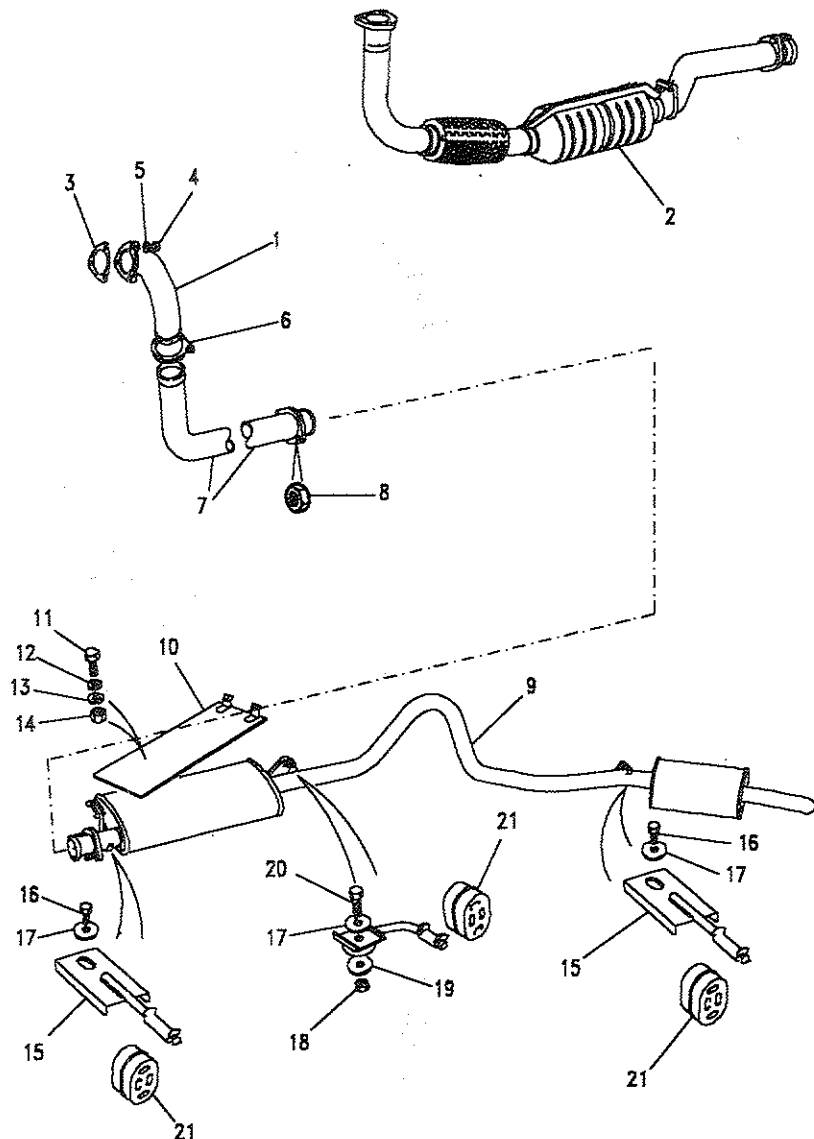
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## EXHAUST SYSTEM

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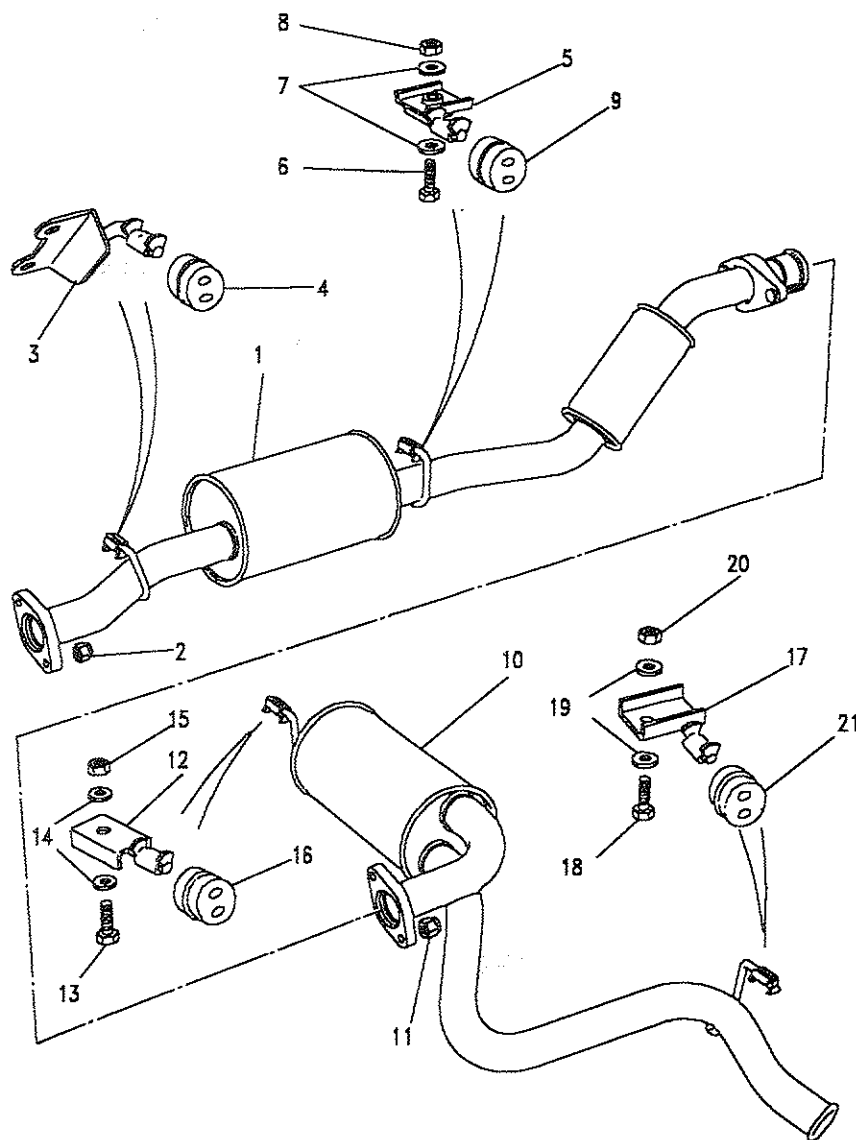
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### EXHAUST SYSTEM - FRONT - TDI



| lil. Part No. | Description            | Qty | Remarks       |
|---------------|------------------------|-----|---------------|
| 1 ESR158      | Downpipe               | 1   | Upto LA939975 |
| ESR2297       | Downpipe exhaust       | 1   | From MA939976 |
| 2 ESR2739     | Downpipe exhaust - CAT | 1   | From MA939976 |
| ESR3495       | Downpipe exhaust - CAT | 1   | Swiss only    |
| 3 NTC3608     | Clamp exhaust          | 1   |               |
| 4 ESR266      | Bracket mounting       | 1   |               |
| ESR3260       | Gasket exhaust         | 1   |               |
| 5 SS106161L   | Screw                  | 2   |               |
| 6 WJ106001L   | Washer plain           | 2   |               |
| 7 SS108161L   | Screw                  | 1   |               |
| 8 WA108051L   | Washer plain           | 1   |               |
| 9 SH110141L   | Screw                  | 1   |               |
| 10 WA110061L  | Washer plain           | 1   |               |
| 11 NTC4833    | Heatshield             | 1   |               |
| 12 SH108141L  | Screw                  | 1   |               |
| 13 WJ108001   | Washer plain           | 2   |               |
| 14 ESR219     | Bracket support        | 1   |               |
| 15 FS106167L  | Screw                  | 1   |               |
| 16 WA106041L  | Washer plain           | 1   |               |
| 17 FS106167L  | Screw                  | 1   |               |
| 18 WL106001   | Washer spring          | 1   |               |
| 19 NH106041L  | Nut                    | 1   |               |
| 20 ESR361     | Heatshield             | 1   |               |
| 21 ESR208     | Clamp exhaust          | 2   |               |
| 22 FS108207L  | Screw                  | 4   |               |
| 23 WL108001L  | Washer spring          | 4   |               |
| 24 FN108041L  | Nut                    | 4   |               |





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### EXHAUST SYSTEM - REAR - TDI

| Ill. Part No. | Description        | Qty | Remarks        |
|---------------|--------------------|-----|----------------|
| 1 ESR358      | Silencer front     | 1   | Upto LA939975  |
| ESR2381       | Silencer front     | 1   | From MA939976  |
| 2 NV110041L   | Nut                | 2   |                |
| 3 ESR414      | Bracket mounting   | 1   | Upto LA939975  |
| ESR2087       | Bracket mounting   | 1   | From MA939976  |
| 4 NTC5582     | Rubber mounting    | 1   |                |
| 5 ESR360      | Bracket mounting   | 1   |                |
| 6 FS108251L   | Screw              | 1   |                |
| 7 WP185L      | Washer plain       | 2   |                |
| 8 NV108041L   | Nut philidas       | 1   |                |
| 9 NTC5582     | Rubber mounting    | 1   |                |
| 10 ESR254     | Tail pipe          | 1   | Upto LA939975  |
| ESR2382       | Tail pipe          | 1   | From MA939976  |
| ESR3463       | Tail pipe          | 1   | From MA939976  |
| ESR1696       | Tail pipe          | 1   | Australia      |
| ESR3152       | Tail pipe          | 1   | Australia 95MY |
| 11 NV110041L  | Nut                | 2   |                |
| 12 NTC7348    | Bracket mounting   | 1   | Upto LA939975  |
| ESR2421       | Bracket mounting   | 1   | From MA939976  |
| 13 FS108251L  | Screw              | 1   |                |
| 14 WP185L     | Washer plain       | 2   |                |
| 15 NV108041L  | Nut philidas       | 1   |                |
| 16 NTC5582    | Rubber mounting    | 1   |                |
| 17 ESR95      | Bracket mounting   | 1   |                |
| 18 FS108251L  | Screw              | 1   |                |
| 19 WP185L     | Washer plain       | 2   |                |
| 20 NV108041L  | Nut philidas       | 1   |                |
| 21 NTC5582    | Rubber mounting    | 1   |                |
| NTC2022       | Finisher tail pipe | 1   | HCPU not shown |



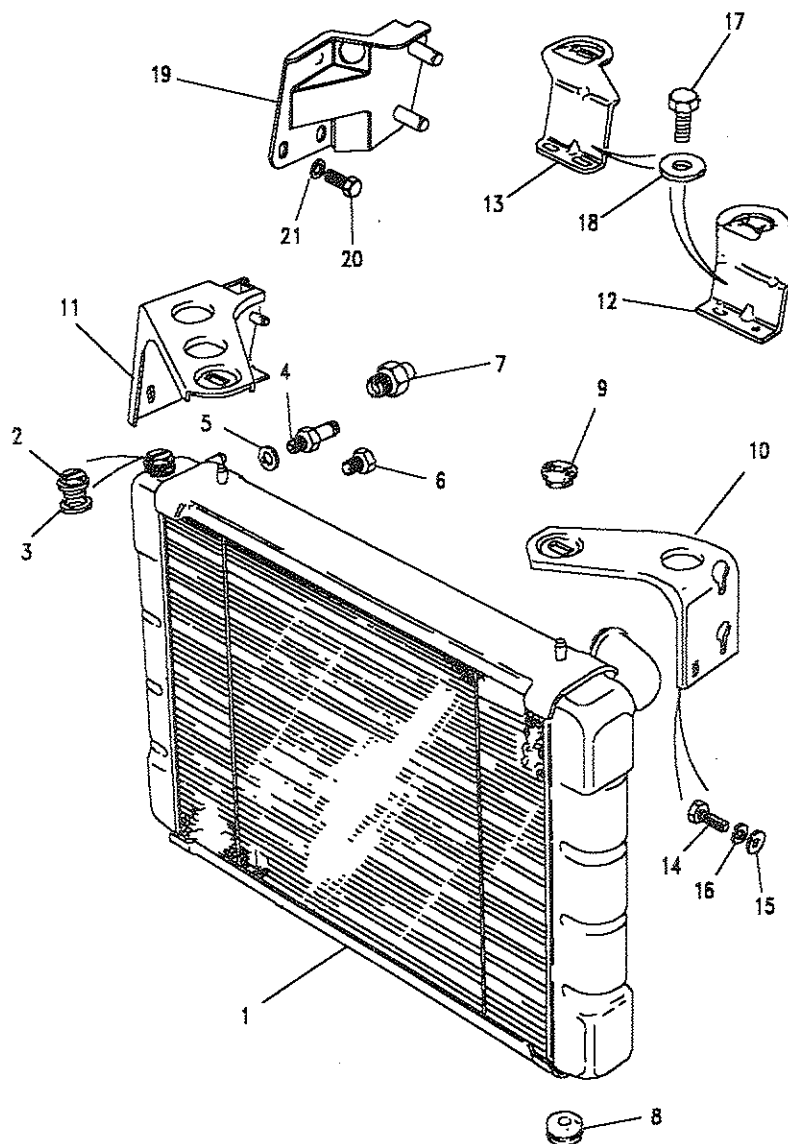
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## GROUP L

## COOLING/HEATING

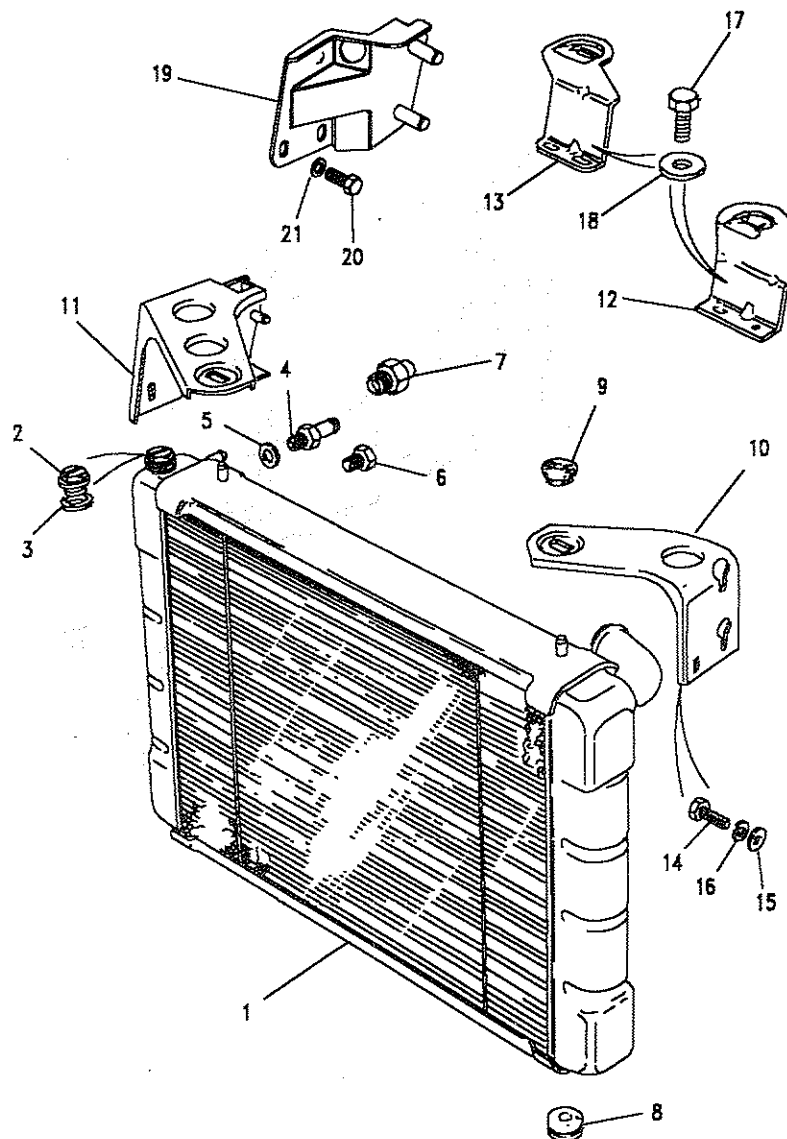
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### COOLING SYSTEM - RADIATOR

| III. Part No.       | Description | Qty | Remarks           |
|---------------------|-------------|-----|-------------------|
| <b>2.25 Petrol</b>  |             |     |                   |
| 1 NRC6888           | Radiator    | 1   |                   |
| ESR79               | Radiator    | 1   | Heavy duty option |
| <b>2.5 Petrol</b>   |             |     |                   |
| 1 ESR79             | Radiator    | 1   | Upto VIN FA389980 |
| ESR77               | Radiator    | 1   | From VIN FA389981 |
| ESR78               | Radiator    | 1   | Note(1)           |
|                     |             |     | From VIN FA389799 |
|                     |             |     | Upto VIN JA918061 |
| ESR1677             | Radiator    | 1   | Note(1)           |
|                     |             |     | From VIN JA918062 |
| <b>Diesel</b>       |             |     |                   |
| 1 ESR79             | Radiator    | 1   | Upto VIN FA389980 |
| ESR77               | Radiator    | 1   | From VIN FA389981 |
| ESR78               | Radiator    | 1   | Note(1)           |
|                     |             |     | From VIN FA389799 |
|                     |             |     | Upto VIN JA918061 |
| ESR1677             | Radiator    | 1   | Note(1)           |
|                     |             |     | From VIN JA918062 |
| <b>Diesel Turbo</b> |             |     |                   |
| 1 NTC6168           | Radiator    | 1   | Note(1)           |
| <b>200Tdi</b>       |             |     |                   |
| 1 NTC4893           | Radiator    | 1   | Note(2)           |
|                     |             |     | Upto VIN JA918061 |
| ESR1676             | Radiator    | 1   | Note(2)           |
|                     |             |     | From VIN JA918062 |

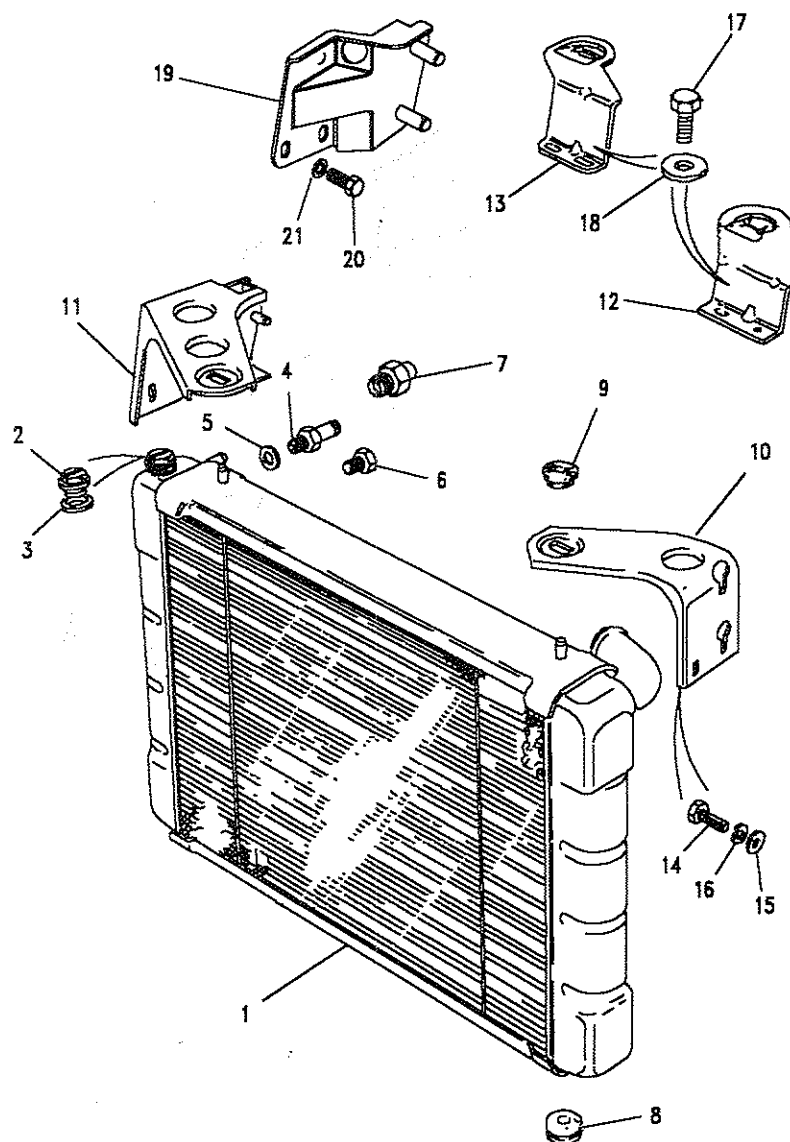


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### COOLING SYSTEM - RADIATOR

| III. Part No. | Description            | Qty | Remarks                                           |
|---------------|------------------------|-----|---------------------------------------------------|
| <b>V8</b>     |                        |     |                                                   |
| 1 ESR76       | Radiator               | 1   | Upto VIN FA428918                                 |
| ESR203        | Radiator               | 1   | From VIN FA428919                                 |
| ESR204        | Radiator               | 1   | Note(1)<br>From VIN FA429128<br>Upto VIM JA918061 |
| ESR1678       | Radiator               | 1   | Note(1)<br>From VIN JA918062                      |
| 2 NTC4609     | Filler plug            | 1   |                                                   |
| 3 NTC5171     | Washer sealing         | 1   |                                                   |
| 4 KTP9024     | Vent penthouse         | 1   | V8                                                |
| 5 RRO2125L    | Washer                 | 1   |                                                   |
| 6 RRO2126L    | Plug                   | 1   | Except V8                                         |
| 7 NTC3858     | Adaptor                | 2   | Diesel Turbo                                      |
| 8 572312      | Bush radiator mounting | 2   | Lower                                             |
| 9 NRC5544     | Bush radiator mounting | 2   | Upper                                             |
| 10 NRC4839    | Bracket radiator LH    | 1   | Upto 4/3/92                                       |
| 11 NRC8609    | Bracket radiator RH    | 1   | Upto 4/3/92                                       |
| 12 ESR69      | Bracket radiator LH    | 1   | From 5/3/92                                       |
| ESR68         | Bracket radiator RH    | 1   | From 5/3/92                                       |
| 13 ESR283     | Bracket radiator LH    | 1   | 200Tdi                                            |
| ESR282        | Bracket radiator RH    | 1   | 200Tdi                                            |
| 14 FS106201L  | Flange screw           | 6   | Upto 4/3/92                                       |
| 15 WC106041L  | Washer plain           | 6   | Upto 4/3/92                                       |
| 16 WL106001L  | Washer spring          | 6   | Upto 4/3/92                                       |
| 17 SH106207L  | Screw                  | 4   | From 5/3/92                                       |
| 18 WC106047   | Washer plain           | 4   | From 5/3/92                                       |
| SH106207L     | Screw                  | 4   | 200Tdi                                            |
| WC106047      | Washer plain           | 4   | 200Tdi                                            |



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### COOLING SYSTEM - RADIATOR

| III. Part No. | Description      | Qty | Remarks           |
|---------------|------------------|-----|-------------------|
| 19 ALR1982    | Bracket support  | 1   | From VIN JA910943 |
| 20 SH106207L  | Screw            | 3   | From VIN JA910943 |
| 21 WC106047   | Washer plain     | 3   | From VIN JA910943 |
| BTR328        | Label antifreeze | 1   |                   |

Note(1) Includes oil cooler for engine  
 Note(2) Includes oil cooler for engine and intercooler for turbo charger

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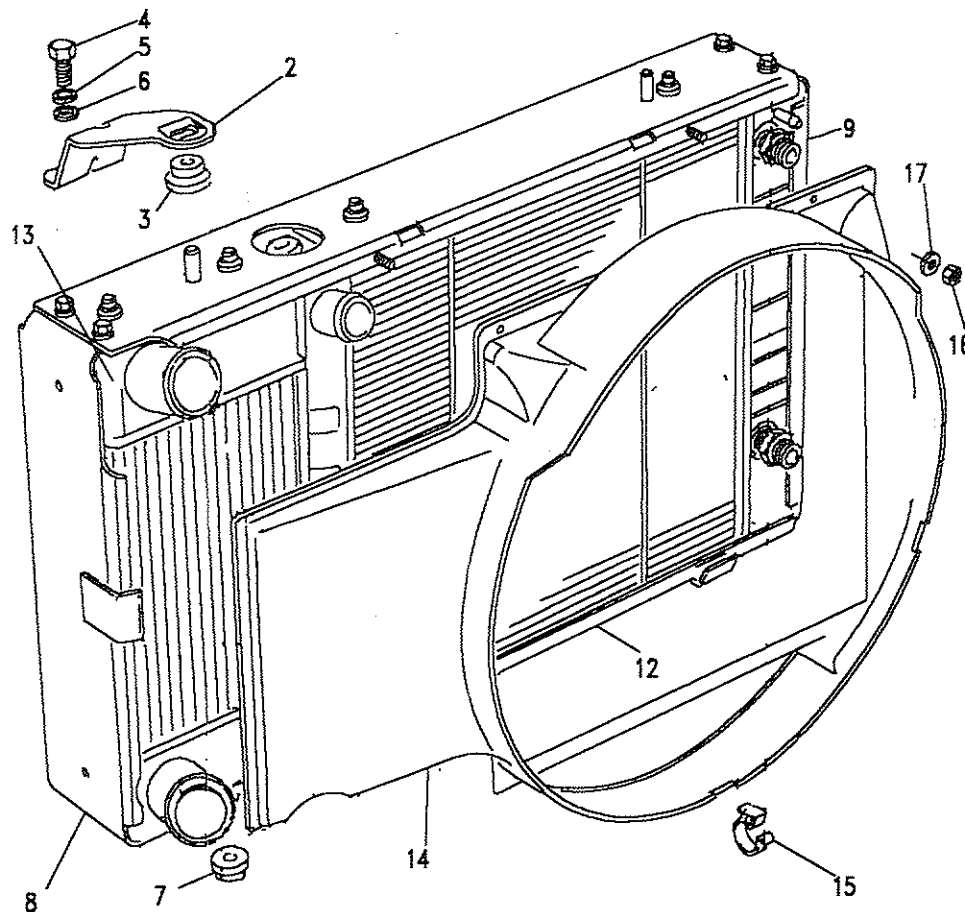
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### COOLING SYSTEM - RADIATOR, INTERCOOLER & OIL COOLER - 300TDI

| III. Part No. | Description | Qty | Remarks |
|---------------|-------------|-----|---------|
|---------------|-------------|-----|---------|

#### Radiator and intercooler

|    |           |                           |   |
|----|-----------|---------------------------|---|
| 1  | ESR2727   | Radiator/intercooler assy | 1 |
| 2  | ESR282    | Bracket mounting upper LH | 1 |
|    | ESR283    | Bracket mounting upper RH | 1 |
| 3  | NRC5544   | Grommet pad               | 2 |
| 4  | SH106205  | Screw M6                  | 4 |
| 5  | WM600041L | Washer spring             | 4 |
| 6  | WC106045  | Washer plain              | 4 |
| 7  | 572312    | Bush radiator/chassis     | 2 |
| 8  | BTP1826   | Frame side LH             | 1 |
| 9  | BTP1827   | Frame side RH             | 1 |
| 10 | BTP2275   | Radiator block            | 1 |
| 11 | BTP2282   | Frame top radiator        | 1 |
| 12 | BTP2284   | Frame bottom radiator     | 1 |
| 13 | FTP8030   | Intercooler               | 1 |
| 14 | ESR2308   | Cowl fan                  | 1 |
| 15 | ESR1800   | Clip edge                 | 2 |
| 16 | NH105041  | Nut M5                    | 2 |
| 17 | WA105001  | Washer plain              | 2 |





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COOLING/HEATING

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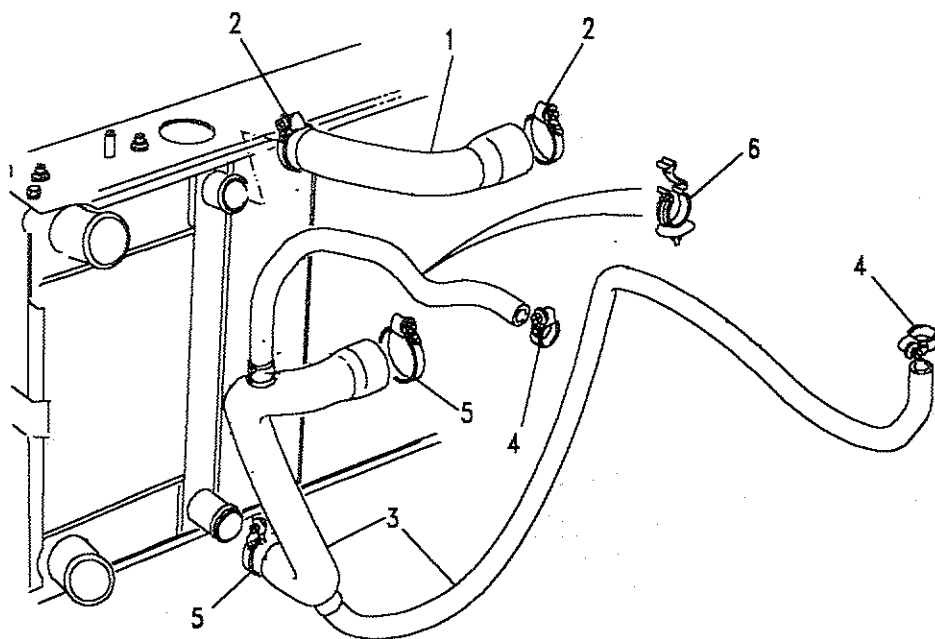
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COOLING SYSTEM - RADIATOR, INTERCOOLER & OIL COOLER - 300TDI

| III. Part No. | Description | Qty | Remarks |
|---------------|-------------|-----|---------|
|---------------|-------------|-----|---------|

Radiator hoses

|   |          |                      |   |
|---|----------|----------------------|---|
| 1 | ESR2298  | Hose top             | 1 |
| 2 | CN100508 | Clip hose            | 2 |
| 3 | ESR3121  | Hose assembly bottom | 1 |
| 4 | CN100308 | Clip hose            | 2 |
| 5 | CN100508 | Clip hose            | 2 |
| 6 | ESR2662  | Clip hose            | 2 |





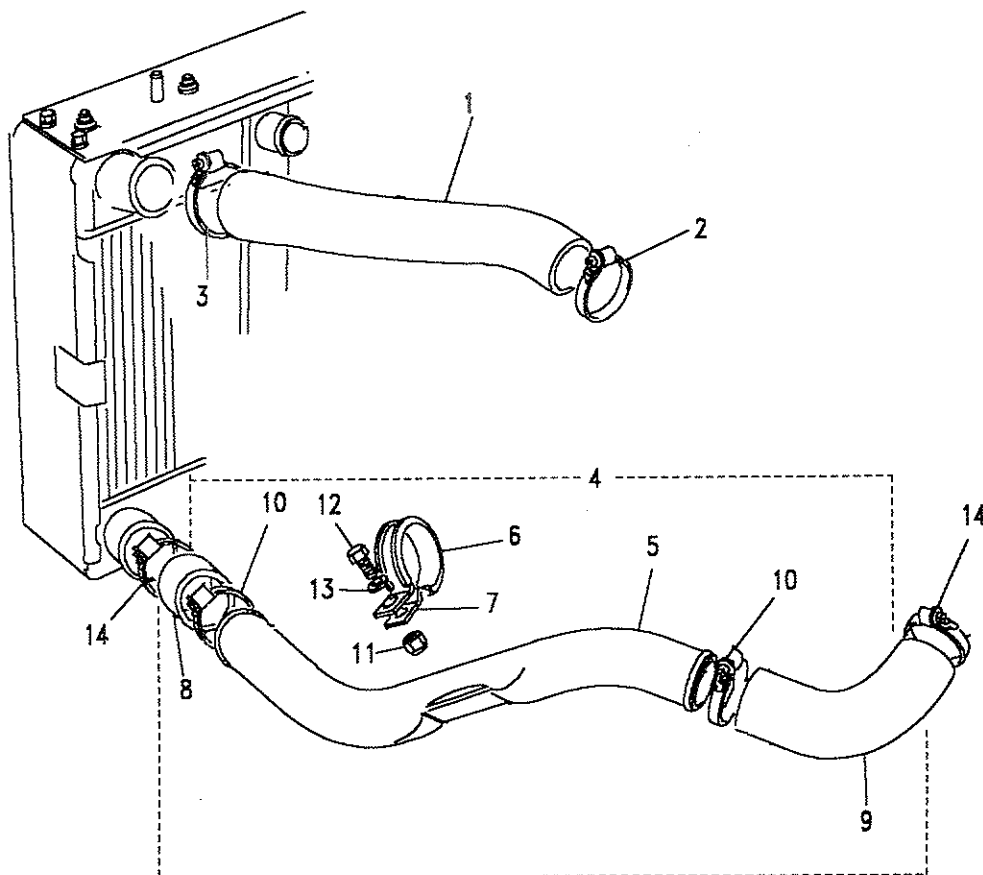
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## COOLING SYSTEM - RADIATOR, INTERCOOLER &amp; OIL COOLER - 300TDI

| III. Part No. | Description | Qty | Remarks |
|---------------|-------------|-----|---------|
|---------------|-------------|-----|---------|

## Intercooler hoses

|    |           |                           |   |
|----|-----------|---------------------------|---|
| 1  | ESR2309   | Hose intercooler/manifold | 1 |
| 2  | CN100608  | Clip                      | 1 |
| 3  | CN100708  | Clip hose                 | 1 |
| 4  | ESR2728   | Pipe assy i'cooler/turbo  | 1 |
| 5  | ESR2055   | Pipe intercooler/turbo    | 1 |
| 6  | ESR2119   | Mounting rubber           | 1 |
| 7  | ESR2120   | Bracket mounting          | 1 |
| 8  | ESR2729   | Hose pipe/intercooler     | 1 |
| 9  | ESR2730   | Hose turbo/pipe           | 1 |
| 10 | CN100608  | Clip                      | 2 |
| 11 | NY108041  | Nut nyloc M8              | 1 |
| 12 | SH108161L | Screw M8                  | 1 |
| 13 | WA108041  | Washer plain              | 1 |
| 14 | CN100608  | Clip                      | 2 |





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COOLING/HEATING

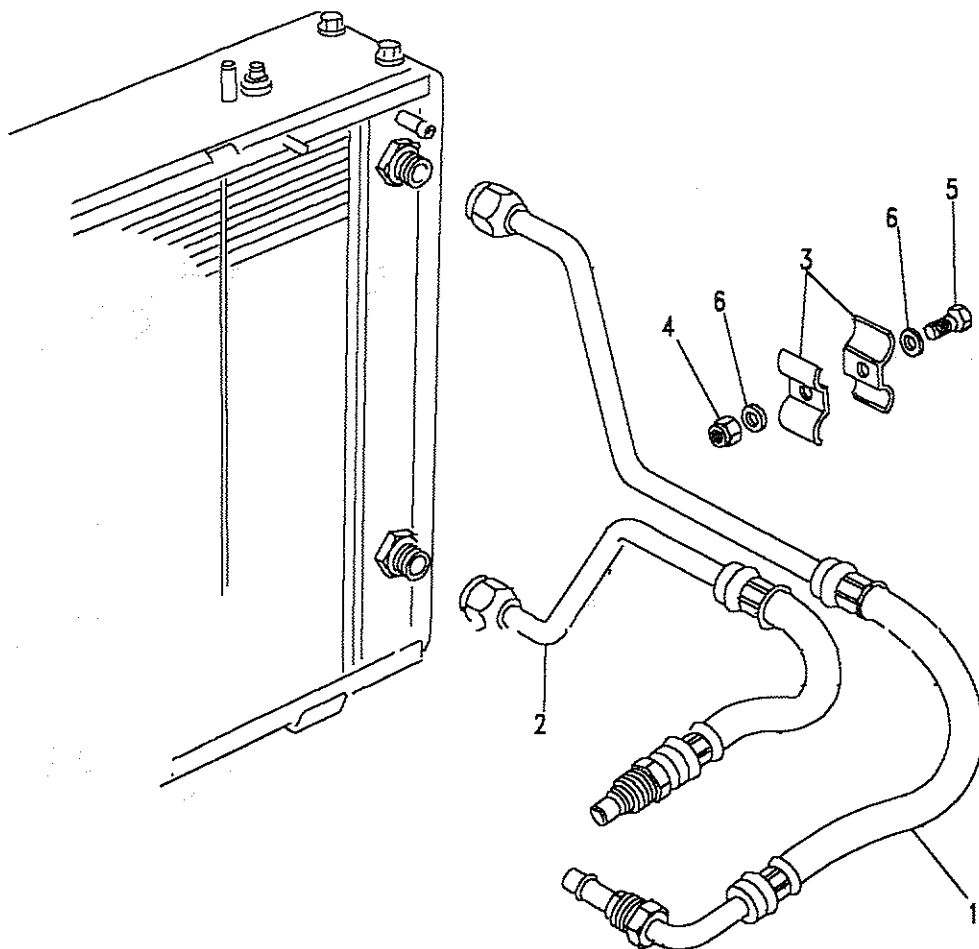
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COOLING SYSTEM - RADIATOR, INTERCOOLER & OIL COOLER - 300TDI

III. Part No. Description Qty Remarks

Oil cooler hoses

|   |          |                       |   |
|---|----------|-----------------------|---|
| 1 | ESR1931  | Pipe cooler to engine | 1 |
| 2 | ESR2629  | Pipe engine to cooler | 1 |
|   | ESR1594  | O Ring                | 4 |
| 3 | NTC6847  | Clamp saddle          | 2 |
| 4 | NY106041 | Nut nyloc M6          | 1 |
| 5 | SH106161 | Screw M6              | 1 |
| 6 | WA106041 | Washer plain          | 2 |





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COOLING/HEATING

Model DEFENDER 90

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COOLING SYSTEM - FAN COWL

III. Part No.

Description

Qty Remarks

4 Cylinder Petrol

1 NRC3662  
1 NTC3937

Cowl fan-radiator  
Cowl fan-radiator

1 Upto VIN FA389798  
1 From VIN FA389799

V8

1 NRC3406  
1 NTC5685

Cowl fan-radiator  
Cowl fan-radiator

1 Upto VIN FA428918  
1 From VIN FA428919

Diesel

1 NRC3977  
1 NTC3937

Cowl fan-radiator  
Cowl fan-radiator

1 Upto VIN FA389798  
1 From VIN FA389799

Diesel Turbo

1 NTC3937

Cowl fan-radiator

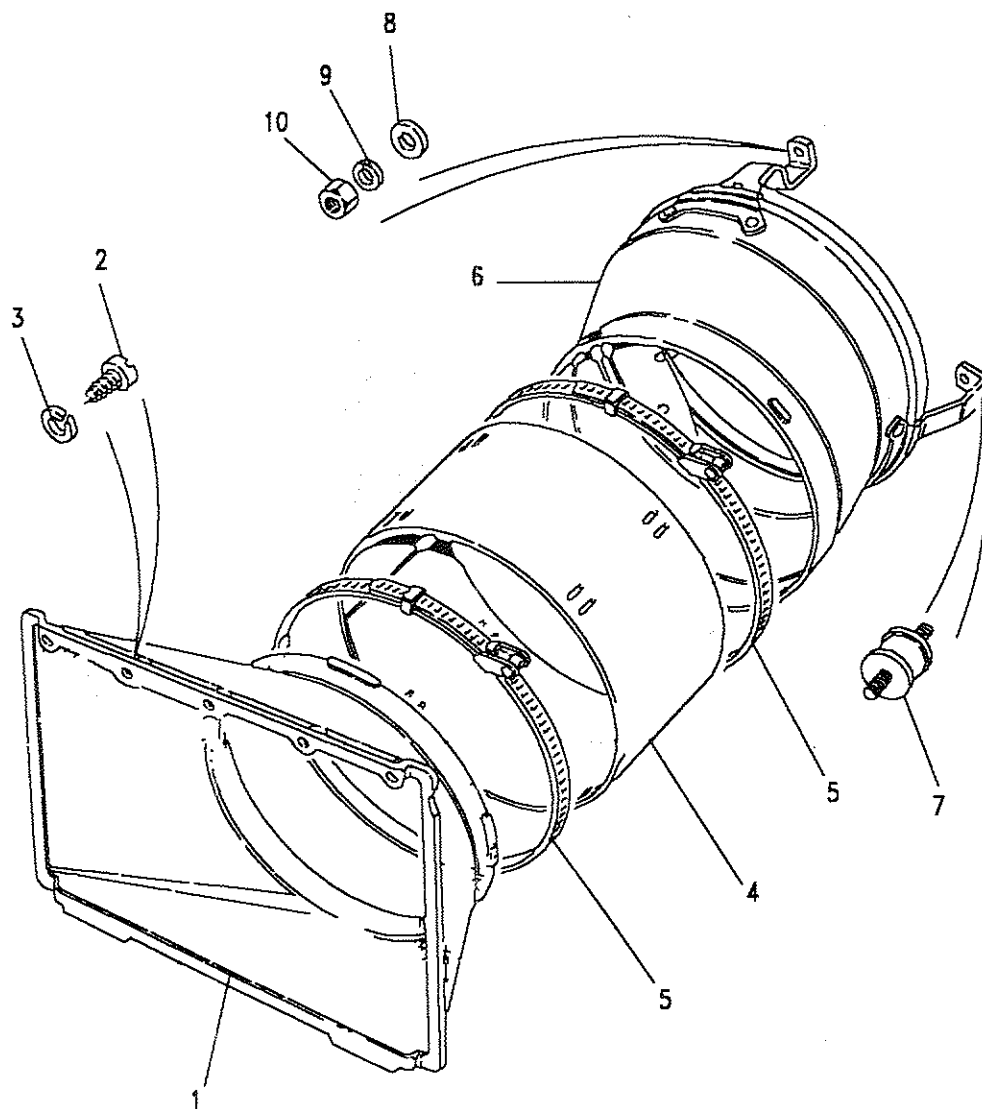
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200Tdi

1 ESR335

Cowl fan-radiator

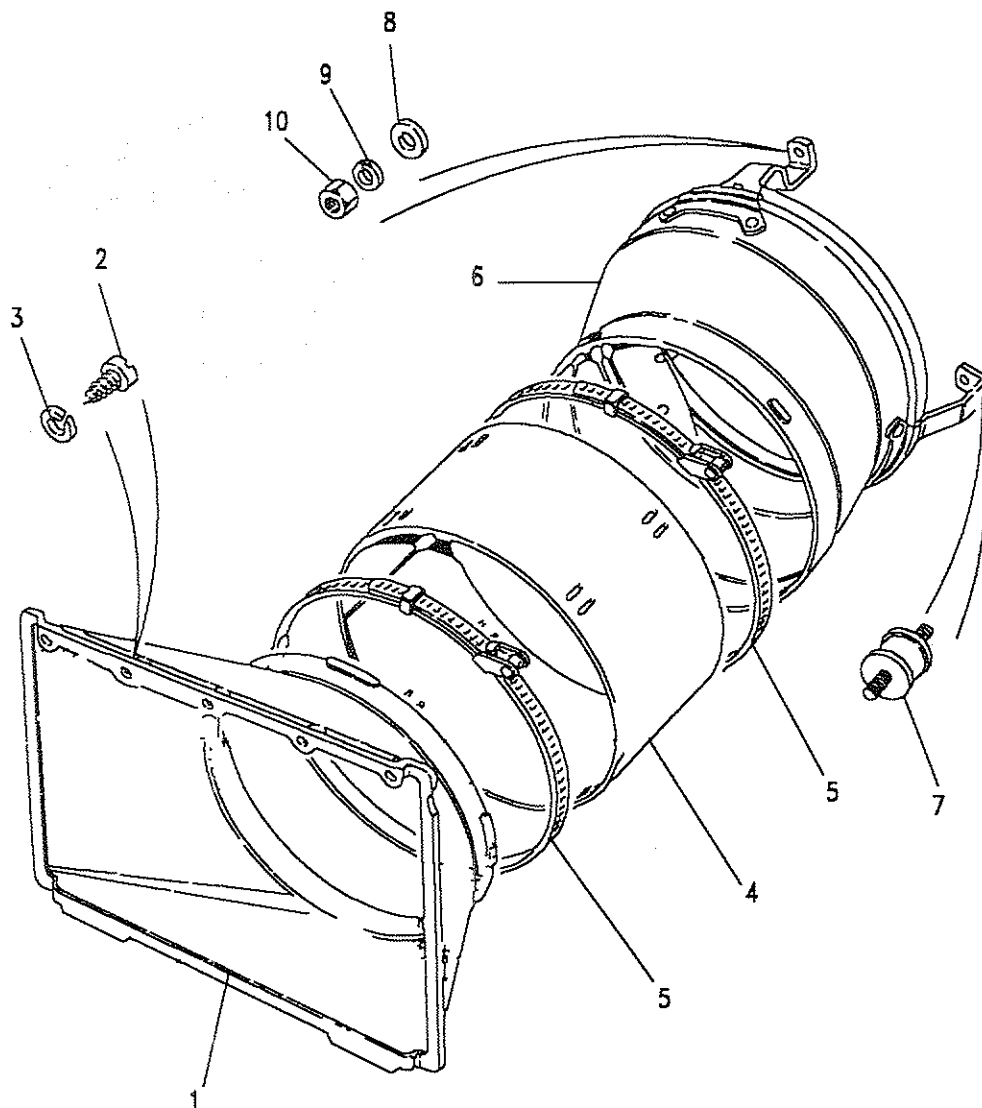
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### COOLING SYSTEM - FAN COWL

| Ill. Part No. | Description       | Qty | Remarks           |
|---------------|-------------------|-----|-------------------|
| 2 562979      | Screw             | 5   | Upto VIN FA389798 |
| 562979        | Screw             | 4   | From VIN FA389799 |
| 3 WS600041    | Washer spring     | 5   | Upto VIN FA389798 |
| WS600047L     | Washer spring     | 4   | From VIN FA389799 |
| 595199        | Washer plain      | 2   | Diesel            |
|               |                   |     | From VIN FA389799 |
| WS105001      | Washer spring     | 2   | 200Tdi            |
| NH105041L     | Nut               | 2   | 200Tdi            |
| 4 NRC7227     | Ducting           | 1   | 4 cylinder        |
| 5 NRC6430     | Clip retaining    | 2   | 4 cylinder        |
| 6 ETC4989     | Cowl fan-engine   | 1   | 4 cylinder        |
| 7 ETC4993     | Mounting flexible | 3   |                   |
| 8 WA108051L   | Washer plain      | 2   |                   |
| 9 WL108001L   | Washer spring     | 6   |                   |
| 10 FN108041L  | Nut               | 5   |                   |





DEFENDER 90

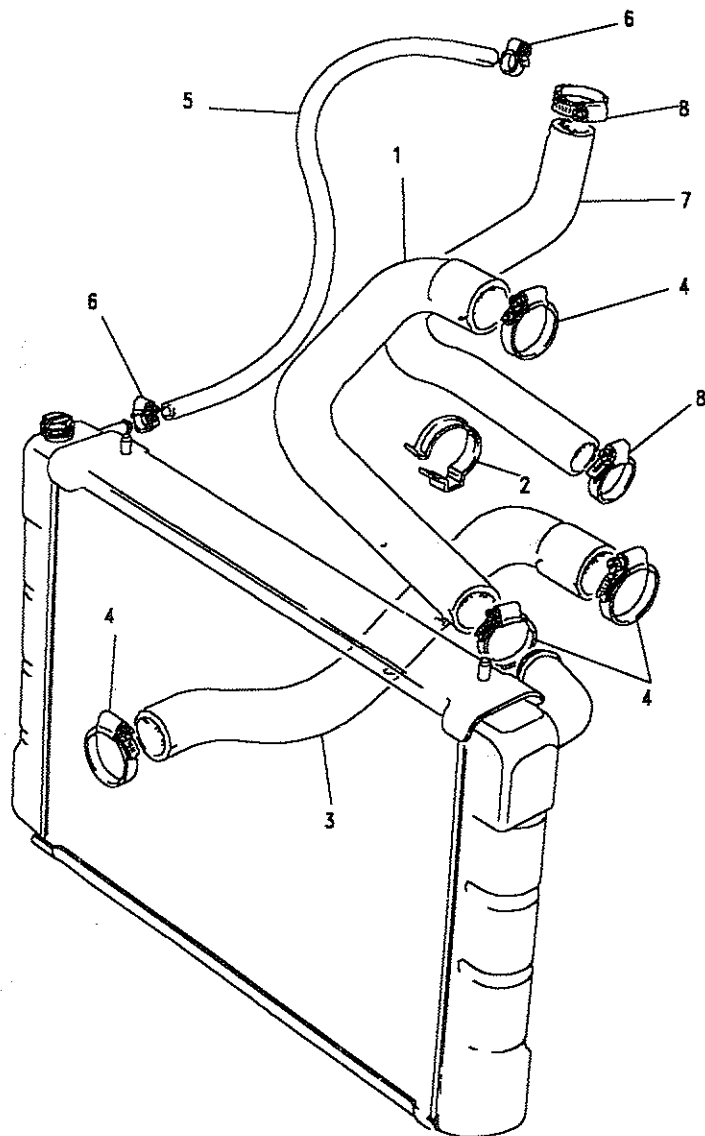
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COOLING/HEATING

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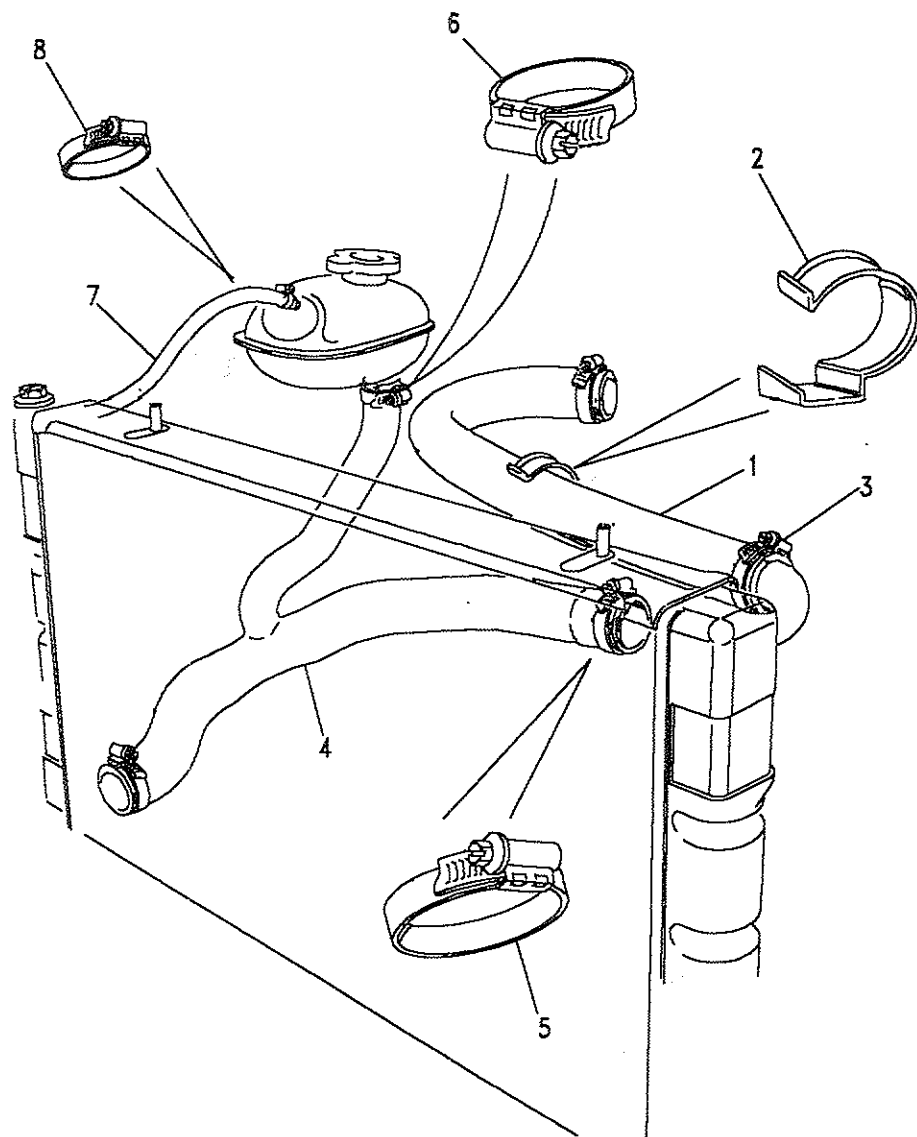
COOLING SYSTEM - RADIATOR HOSES - 2.25 PETROL

| III. Part No. | Description           | Qty | Remarks    |
|---------------|-----------------------|-----|------------|
| 1 NRC6403     | Hose top              | 1   |            |
| NRC6404       | Hose top              | 1   | Heavy Duty |
| 2 NRC7448     | Clip hose             | 1   |            |
| 3 NRC3664     | Hose bottom           | 1   |            |
| NRC3976       | Hose bottom           | 1   | Heavy Duty |
| 4 CN100508    | Clip hose             | 4   |            |
| 5 NRC4852     | Hose bleed            | 1   |            |
| 6 AAU1979     | Clip hose             | 2   |            |
| 7 NRC4850     | Hose-exp tank to pump | 1   |            |
| 8 CN100408    | Clip hose             | 2   |            |



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**Page** ADLXAA4A

### COOLING SYSTEM - RADIATOR HOSES - 2.5 LITRE



| III. Part No.                                    | Description            | Qty | Remarks                            |
|--------------------------------------------------|------------------------|-----|------------------------------------|
| <b>4 Cylinder - Petrol, Diesel, Diesel Turbo</b> |                        |     |                                    |
| 1 NRC6404                                        | Hose top               | 1   | Petrol/Diesel<br>Upto VIN 261252   |
| NTC2029                                          | Hose top               | 1   | Petrol/Diesel<br>From VIN 261253   |
| ESR2125                                          | Hose top               | 1   | Petrol/Diesel<br>Upto VIN FA389798 |
| ESR2125                                          | Hose top               | 1   | Petrol/Diesel<br>From VIN FA389799 |
| 2 NRC7448                                        | Clip retaining         | 1   | Diesel Turbo                       |
| 3 CN100508                                       | Clip hose              | 1   |                                    |
| NRC4842                                          | Hose bottom            | 2   | Note(1)                            |
| NRC4843                                          | -engine to connector   | 1   | Note(1)                            |
| NRC4844                                          | Tee piece              | 1   | Note(1)                            |
| CN100508                                         | Hose bottom            | 1   | Note(1)                            |
| NRC4837                                          | -connector to radiator | 4   | Note(1)                            |
| NRC5503                                          | Clip hose              | 1   | Diesel Note(1)                     |
| CN100408                                         | Hose                   | 1   | Petrol Note(1)                     |
| 4 NTC3453                                        | -connector to exp tank | 2   | Note(1)                            |
| 5 CN100508                                       | Clip hose              | 1   | Note(1)                            |
| 6 CN100308L                                      | Hose bottom            | 2   | From VIN 261253                    |
| 7 NRC9726                                        | Clip hose              | 1   |                                    |
| NTC2736                                          | Hose bleed             | 1   |                                    |
| 8 AAU1979                                        | Hose bleed             | 1   | Diesel Turbo                       |
|                                                  | Clip hose              | 2   |                                    |

Note(1) upto VIN 261252, also used on air con vehicles upto engine number 17H07705C

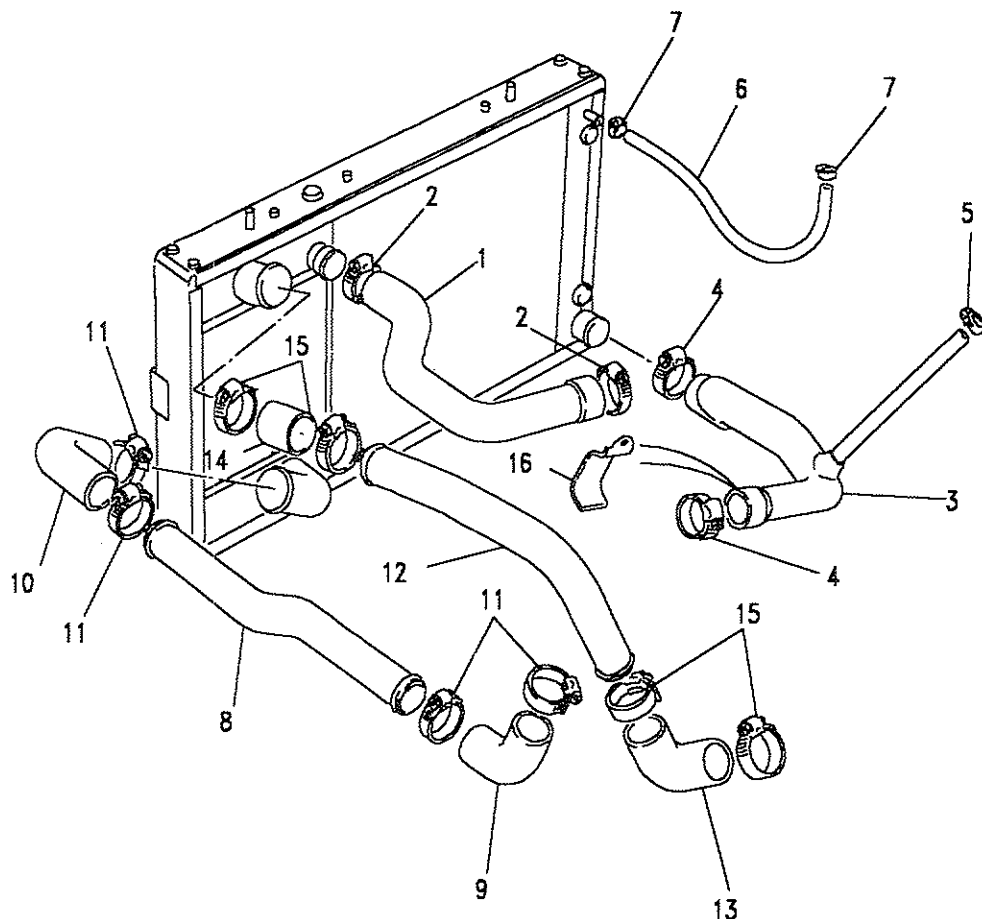


Model DEFENDER 90

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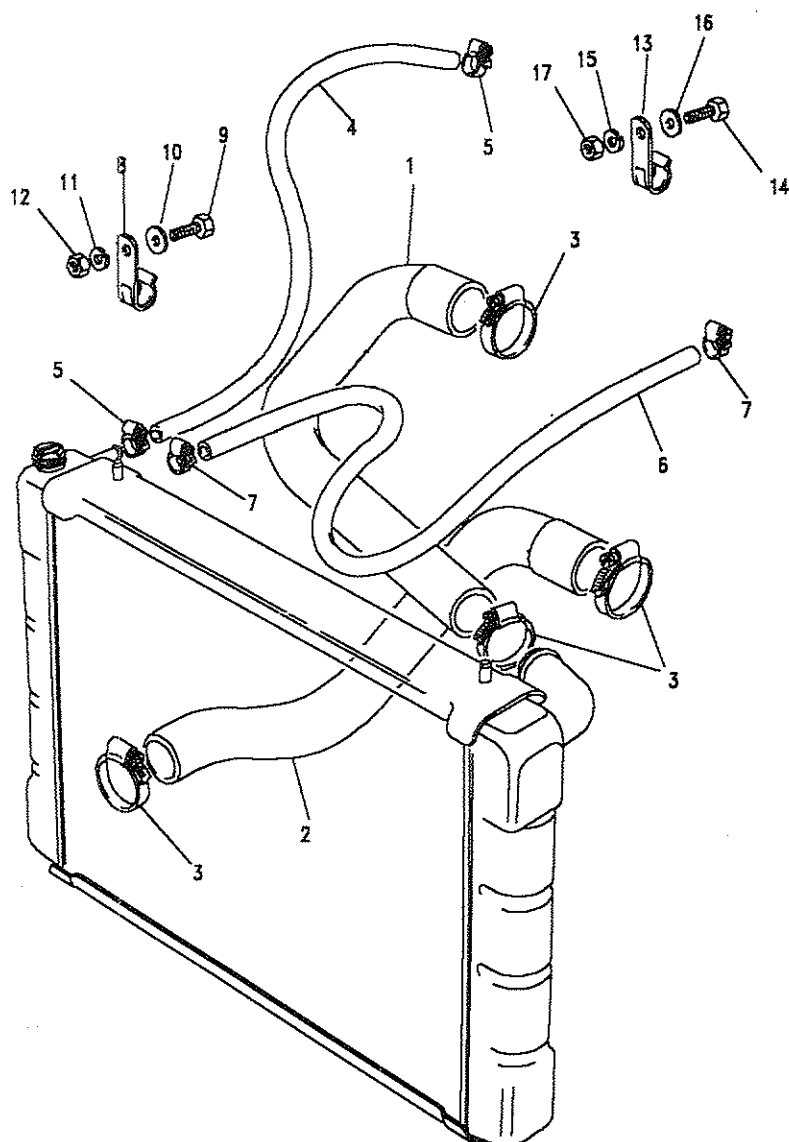
## COOLING SYSTEM - RADIATOR HOSES - 200 TDI

| Ill. Part No.      | Description              | Qty | Remarks           |
|--------------------|--------------------------|-----|-------------------|
| 1 NTC4895          | Hose top                 | 1   |                   |
| 2 CN100508         | Clip hose                | 2   |                   |
| <b>Non Air Con</b> |                          |     |                   |
| 3 ESR536           | Hose bottom              | 1   |                   |
| <b>Air Con</b>     |                          |     |                   |
| 3 ESR536           | Hose bottom              | 1   | Upto VIN JA915821 |
| 3 ESR1686          | Hose bottom              | 1   | From VIN JA915822 |
| 4 CN100508         | Clip hose                | 2   |                   |
| 5 CN100308L        | Clip hose                | 1   |                   |
| 6 NTC4898          | Hose bleed               | 1   |                   |
| 7 CN100208L        | Clip hose                | 2   |                   |
| 8 NTC5628          | Pipe                     | 1   |                   |
|                    | -turbo to intercooler    |     |                   |
| 9 ESR299           | Hose                     | 1   | Upto VIN JA915341 |
| ESR1906            | Hose                     | 1   | From VIN JA915342 |
| 10 ESR298          | Hose                     | 1   |                   |
| 11 CN100608L       | Clip hose                | 4   |                   |
| 12 NTC5627         | Pipe                     | 1   |                   |
|                    | -intercooler to manifold |     |                   |
| 13 ESR299          | Hose                     | 1   | Upto VIN JA915341 |
| ESR1906            | Hose                     | 1   | From VIN JA915342 |
| 14 ESR289          | Hose                     | 1   |                   |
| 15 CN100608L       | Clip hose                | 4   |                   |
| 16 ESR400          | Bracket bottom hose      | 1   | Air Con           |



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### COOLING SYSTEM - RADIATOR HOSES - V8



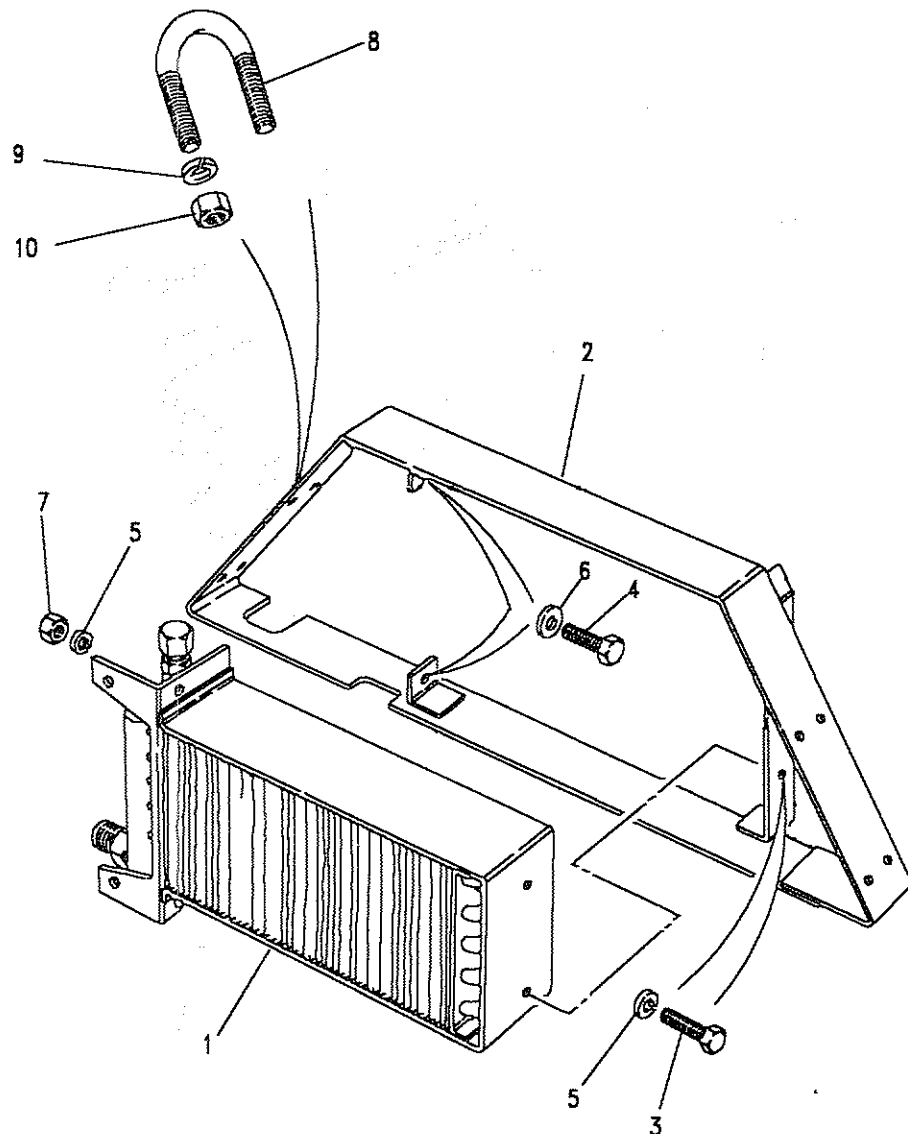
| III. Part No.      | Description    | Qty | Remarks                |
|--------------------|----------------|-----|------------------------|
| 1 NRC5985          | Hose top       | 1   | Upto VIN FA428918      |
| NTC5686            | Hose top       | 1   | From VIN FA428919      |
| NRC9710            | Hose top       | 1   | Air Con                |
|                    |                |     | Upto VIN FA429127      |
| NTC5687            | Hose top       | 1   | Air Con                |
|                    |                |     | From VIN FA429128      |
| 2 NRC3405          | Hose bottom    | 1   | Upto VIN 257176        |
| NTC3543            | Hose bottom    | 1   | From VIN 257177        |
| 3 CN100508         | Clip hose      | 4   |                        |
| 4 NRC9726          | Hose bleed     | 1   |                        |
| NTC2736            | Hose bleed     | 1   | When oil cooler fitted |
| 5 AAU1979          | Clip hose      | 2   |                        |
| 6 90575977         | Hose bleed     | 1   | Penthouse              |
| 7 AAU1979          | Clip hose      | 2   |                        |
| 8 NRC2383          | Clip retaining | 1   |                        |
| 9 FS106201L        | Flange screw   | 1   |                        |
| 10 WA106041L       | Washer plain   | 1   |                        |
| 11 WM106001L       | Washer spring  | 1   |                        |
| 12 NH106041L       | Nut            | 1   |                        |
| <b>Non Air Con</b> |                |     |                        |
| 13 239600          | Clip retaining | 1   | Penthouse bleed        |
| 14 FS108201L       | Screw          | 1   |                        |
| 15 WA108051L       | Plain Washer   | 1   |                        |
| 16 WL108001L       | Spring Washer  | 1   |                        |
| 17 FN108041L       | Nut            | 1   |                        |



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COOLING/HEATING

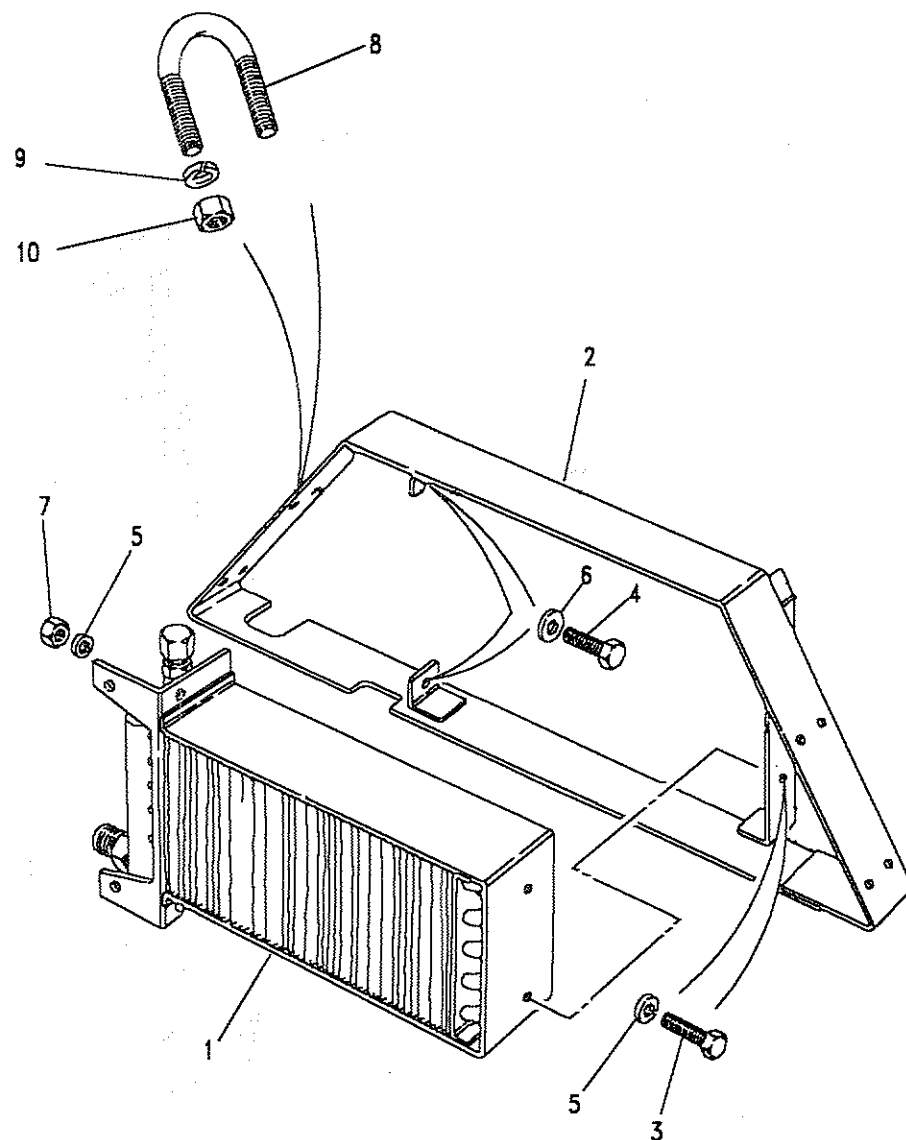


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**ENGINE OIL COOLER - OIL COOLER AND MOUNTING FRAME**

| III. Part No.                                         | Description | Qty | Remarks |
|-------------------------------------------------------|-------------|-----|---------|
| <b>4 Cylinder Petrol - Upto VIN FA389798</b>          |             |     |         |
| 1 NRC7741                                             | Oil cooler  | 1   | Note(1) |
| <b>Naturally Aspirated Diesel - Upto VIN FA389798</b> |             |     |         |
| 1 NRC7741                                             | Oil cooler  | 1   | Note(1) |
| <b>V8 - Upto VIN FA429127</b>                         |             |     |         |
| 1 NRC7741                                             | Oil cooler  | 1   | Note(2) |
| <b>V8 Air Con - Upto VIN FA429127</b>                 |             |     |         |
| 1 NRC8201                                             | Oil cooler  | 1   | Note(2) |





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**Page** ADLXAG1A

### ENGINE OIL COOLER - OIL COOLER AND MOUNTING FRAME

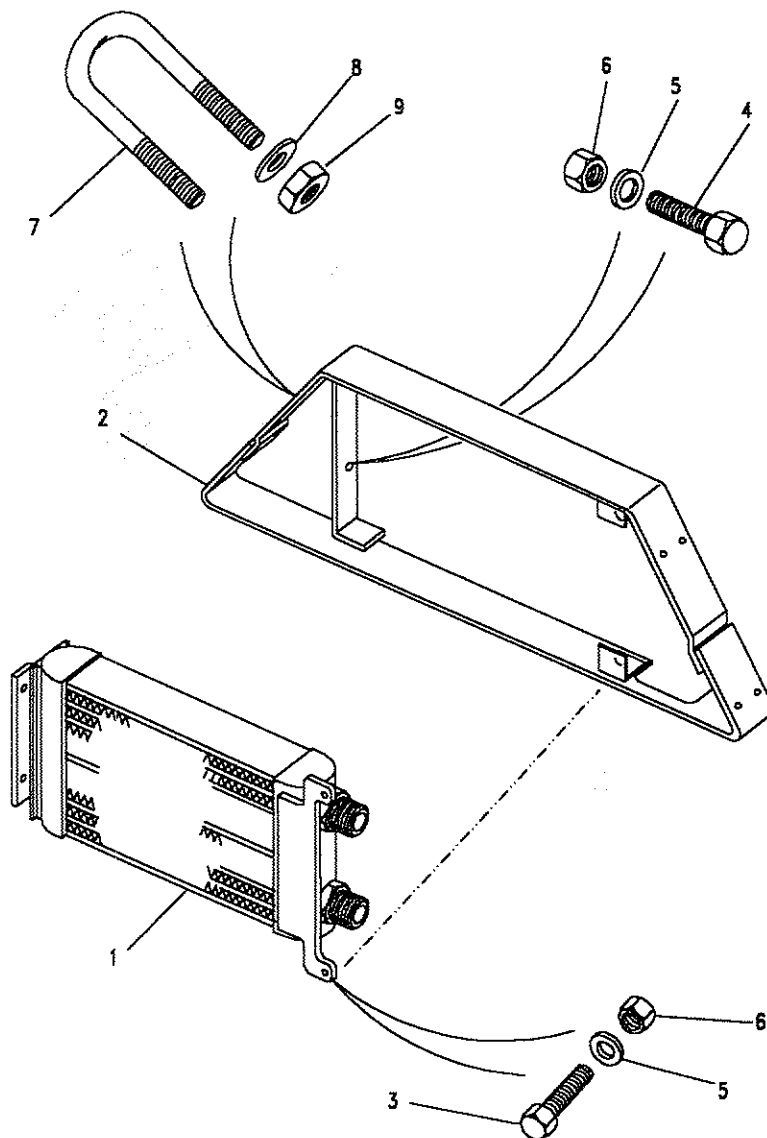
| III. Part No.                          | Description    | Qty | Remarks |
|----------------------------------------|----------------|-----|---------|
| <b>Upto VIN FA429127 - Non Air Con</b> |                |     |         |
| 2 NRC7458                              | Frame mounting | 1   |         |
| 3 SH106121L                            | Screw          | 2   |         |
| 4 SH106167L                            | Screw          | 2   |         |
| 5 WL106001L                            | Washer spring  | 4   |         |
| 6 WA106041L                            | Washer plain   | 2   |         |
| 7 NH106041L                            | Nut            | 2   |         |
| 8 NRC7459                              | U bolt         | 4   |         |
| 9 WL106001L                            | Washer spring  | 8   |         |
| 10 NH106041L                           | Nut            | 8   |         |
| <b>Upto VIN FA429127 - Air Con</b>     |                |     |         |
| SH106121L                              | Screw          | 2   |         |
| WL106001L                              | Washer spring  | 4   |         |
| NH106041L                              | Nut            | 2   |         |

Note(1) From VIN FA389799-Engine oil cooler is part of radiator  
 Note(2) From VIN FA429128-Engine oil cooler is part of radiator

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**Page** ADLXAG2A

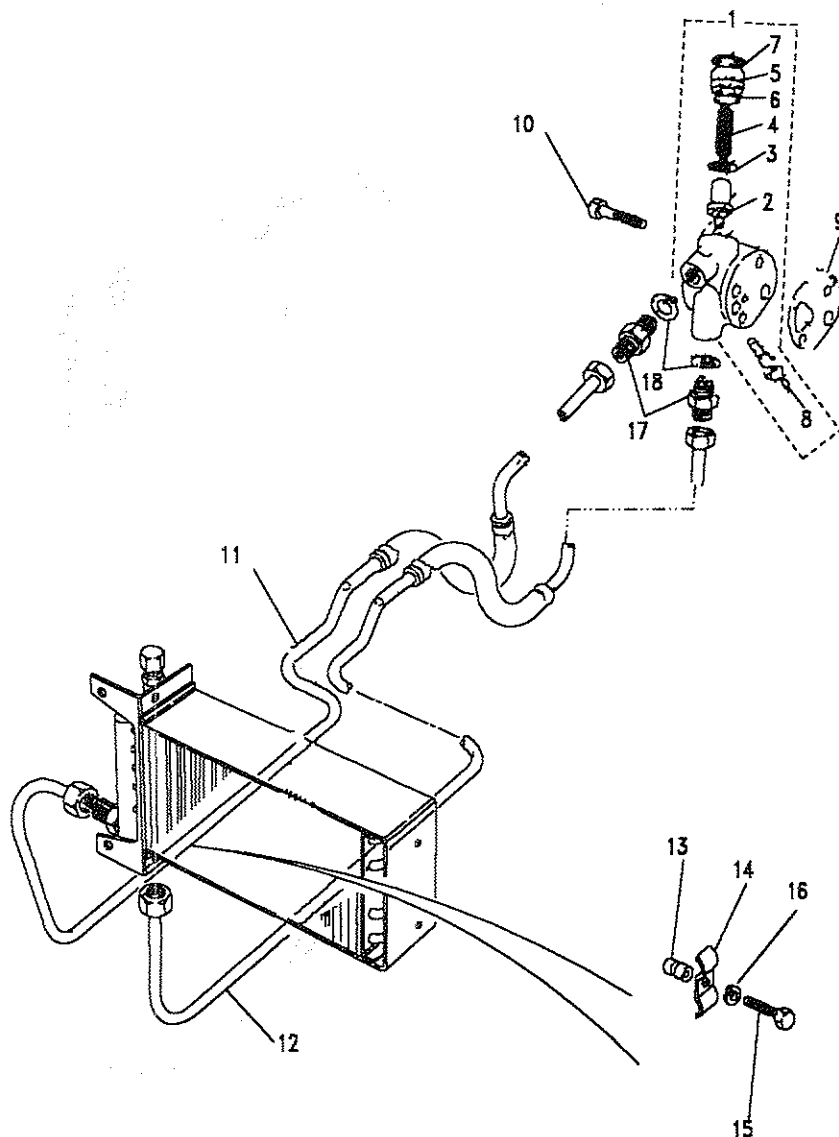
### GEARBOX OIL COOLER - COOLER AND FRAME - V8 LT77 GEARBOX

| III. Part No.      | Description    | Qty | Remarks       |
|--------------------|----------------|-----|---------------|
| 1 ESR488           | Oil cooler     | 1   | Upto JA918061 |
| ESR1554            | Oil cooler     | 1   | From JA918062 |
| 2 ESR489           | Frame mounting | 1   |               |
| 3 FS106167L        | Screw          | 2   |               |
| 4 SH106121L        | Screw          | 2   |               |
| 5 WA106041L        | Washer plain   | 4   |               |
| 6 NH106041L        | Nut            | 4   |               |
| <b>Non Air Con</b> |                |     |               |
| 7 NRC7459          | U bolt         | 4   |               |
| 8 WA106041L        | Washer plain   | 8   |               |
| 9 NH106041L        | Nut            | 8   |               |



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### ENGINE OIL COOLER -ADAPTOR & PIPES - 4 CYLINDER - NOTE(1)



| III. Part No. | Description          | Qty | Remarks      |
|---------------|----------------------|-----|--------------|
| 1 ERC7755     | Adaptor assembly     | 1   | )            |
| 2 ERC6923     | Thermostat           | 1   | )            |
| 3 ERC7756     | Joint Washer         | 1   | )            |
| 4 ERC7757     | Spring               | 1   | )            |
| 5 ERC5756     | Plug                 | 1   | ) 2.25 Litre |
| 6 ERC5757     | O ring               | 1   | ) Note(2)    |
| 7 CR110301    | Circlip              | 1   | )            |
| 8 PRC2505     | Transmitter-oil temp | 1   | )            |
| 9 ERC7773     | Joint Washer         | 1   | )            |
| 10 ERC9499    | Bolt-to cyl block    | 1   | )            |
| 11 NRC5820    | Pipe assembly feed   | 1   | 2.25         |
| NRC8196       | Pipe assembly feed   | 1   | 2.25 Air Con |
| NRC8507       | Pipe assembly feed   | 1   | 2.5          |
| NRC8509       | Pipe assembly feed   | 1   | 2.5 Air Con  |
| 12 NRC5819    | Pipe assembly return | 1   | 2.25         |
| NRC8197       | Pipe assembly return | 1   | 2.25 Air Con |
| NRC8508       | Pipe assembly return | 1   | 2.5          |
| NRC8510       | Pipe assembly return | 1   | 2.5 Air Con  |
| 13 NN106011   | Nutsert              | 1   |              |
| 14 594637     | Clamp pipe           | 1   |              |
| 15 FS106167L  | Screw                | 1   |              |
| 16 WL106001L  | Washer spring        | 1   |              |
| 17 NRC8618    | Coupling             | 2   | 2.5          |
| 18 ETC7398    | Washer copper        | 2   | 2.5          |

Note(1) 2.25 Petrol; 2.5 petrol upto VIN FA389798; Diesel naturally aspirated upto VIN FA389798

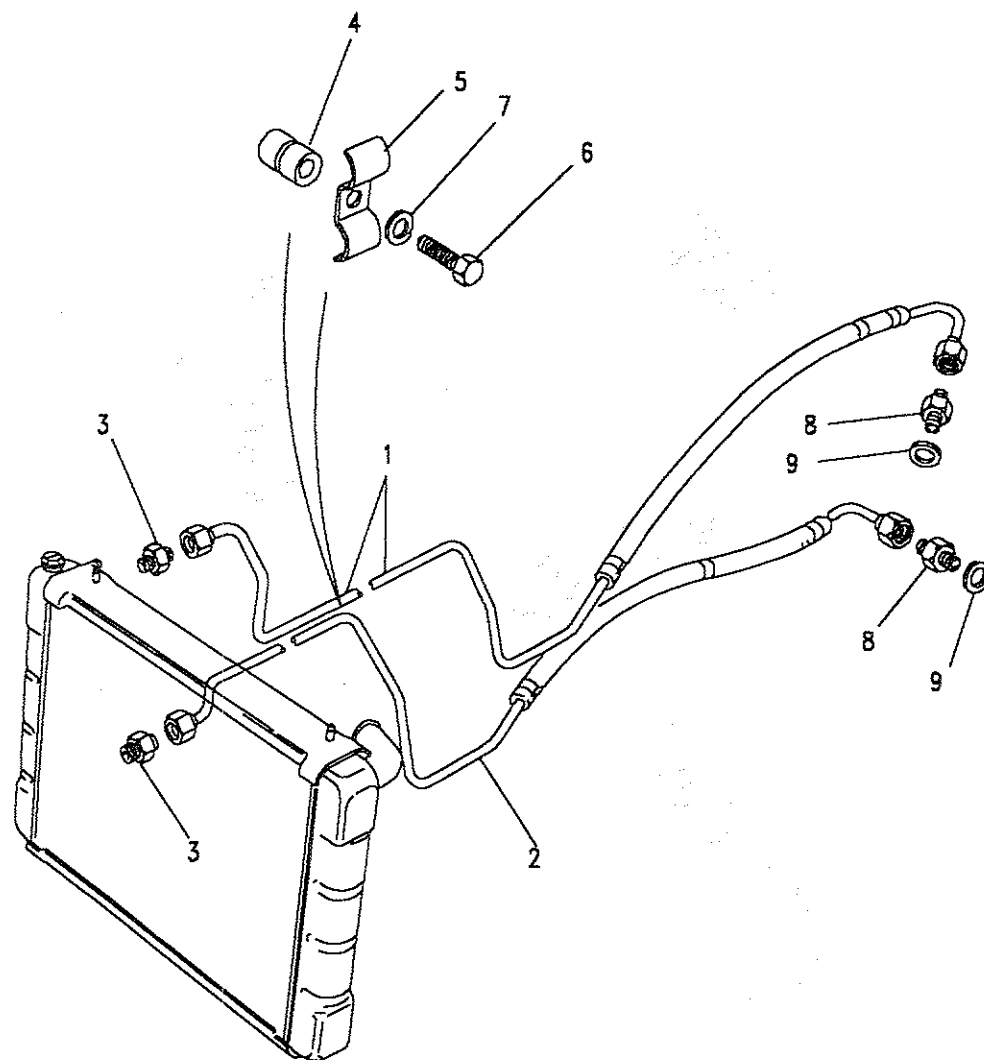
Note(2) For 2.5 Adaptor - refer to Engine

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### ENGINE OIL COOLER - PIPES - 4 CYLINDER - NOTE(1)

| III. Part No. | Description          | Qty | Remarks           |
|---------------|----------------------|-----|-------------------|
| 1 NTC2927     | Pipe assembly feed   | 1   | Upto VIN FA430160 |
| ESR71         | Pipe assembly feed   | 1   | From VIN FA430161 |
| ESR280        | Pipe assembly feed   | 1   | 200Tdi            |
|               |                      |     | Upto VIN JA918061 |
| ESR1912       | Pipe assembly feed   | 1   | From VIN JA918062 |
| 2 NTC2928     | Pipe assembly return | 1   | Upto VIN FA430160 |
| ESR281        | Pipe assembly return | 1   | From VIN FA430161 |
|               |                      |     | Upto              |
| ESR281        | Pipe assembly return | 1   | 200Tdi            |
|               |                      |     | Upto VIN JA918061 |
| ESR1913       | Pipe assembly return | 1   | From VIN JA918062 |
| 3 NTC3858     | Adaptor radiator     | 2   | Upto VIN JA918061 |
| ESR1262       | Adaptor radiator     |     | From VIN JA918062 |
| 4 NN106011    | Nutsert              | 1   |                   |
| 5 594637      | Clamp pipe           | 1   |                   |
| 6 FS106167L   | Screw                | 1   |                   |
| 7 WL106001L   | Washer spring        | 1   |                   |
| NTC6847       | Clamp pipe           | 2   | 200Tdi            |
| FS106167L     | Screw                | 1   | 200Tdi            |
| WA106041L     | Washer plain         | 2   | 200Tdi            |
| NY106041L     | Nut                  | 1   | 200Tdi            |
| 568680        | Cable tie            | 1   | 200Tdi            |
| 8 NRC8618     | Coupling             | 2   |                   |
| 9 ETC7398     | Washer copper        | 2   |                   |

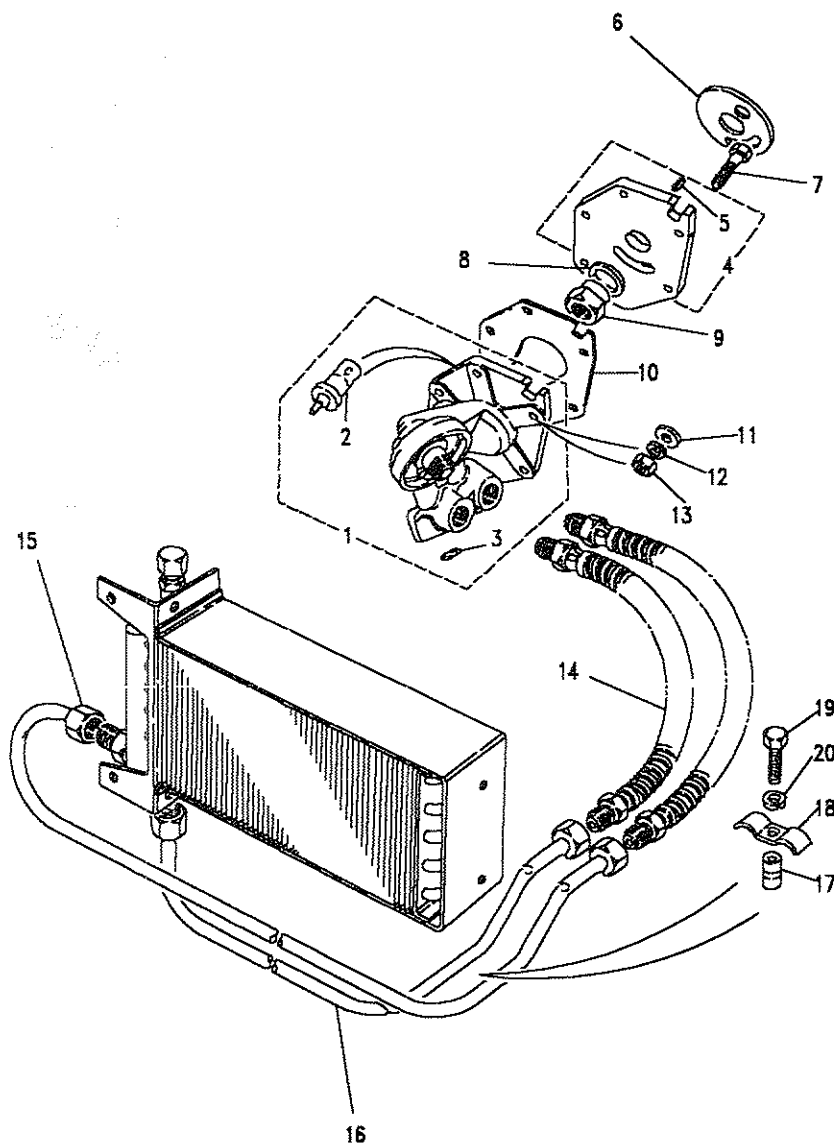
Note(1) Diesel Turbo; 2.5 Petrol from VIN FA389799; Diesel naturally aspirated from VIN FA389799



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### ENGINE OIL COOLER -ADAPTOR AND PIPES - V8

| III. Part No.            | Description | Qty | Remarks              |
|--------------------------|-------------|-----|----------------------|
| <b>Upto VIN FA429127</b> |             |     |                      |
| 1                        | ERC6720     | 1   | Adaptor assembly     |
| 2                        | ERC5923     | 1   | Thermostat           |
| 3                        | TRS1114L    | 2   | O ring               |
| 4                        | ERC6722     | 1   | Baseplate            |
|                          | ETC6812     | 1   | Baseplate            |
| 5                        | PA105101    | 1   | Pin spring           |
| 6                        | SH108301L   | 5   | Screw                |
| 7                        | ERC6890     | 1   | Joint Washer         |
|                          | ERR852      | 1   | Joint Washer         |
|                          | ERC3724     | 1   | Washer               |
| 9                        | ERC3500     | 1   | Nut tube             |
| 10                       | ERC6723     | 1   | Joint Washer         |
| 11                       | WA108051L   | 5   | Plain Washer         |
| 12                       | WL108001L   | 5   | Washer spring        |
| 13                       | FN108041L   | 5   | Nut                  |
| 14                       | NRC4162     | 2   | Pipe flexible        |
| 15                       | NRC5824     | 1   | Pipe assembly feed   |
|                          | NRC8198     | 1   | Pipe assembly feed   |
| 16                       | NRC5823     | 1   | Pipe assembly        |
|                          | NRC8199     | 1   | Pipe assembly return |
| 17                       | NN106011    | 1   | Nutsert              |
| 18                       | 594637      | 1   | Clamp pipe           |
| 19                       | FS106167L   | 1   | Screw                |
| 20                       | WL106001L   | 1   | Washer spring        |

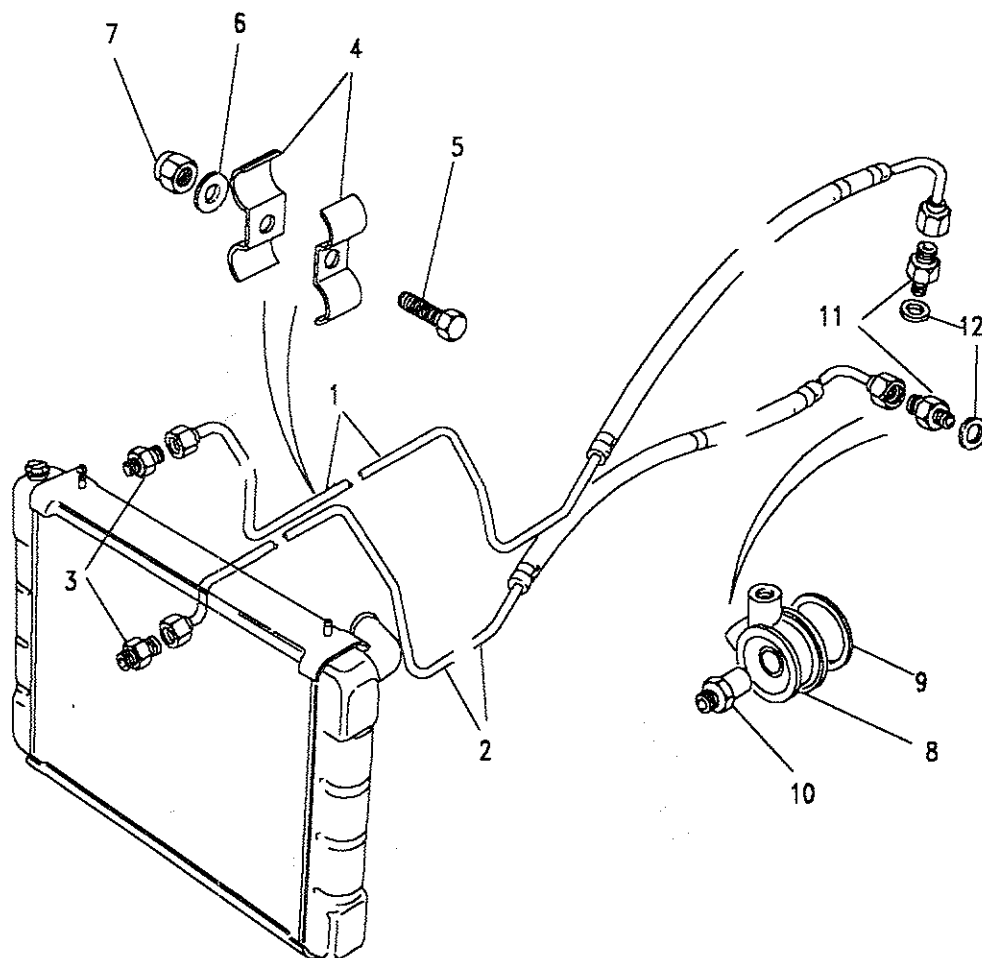


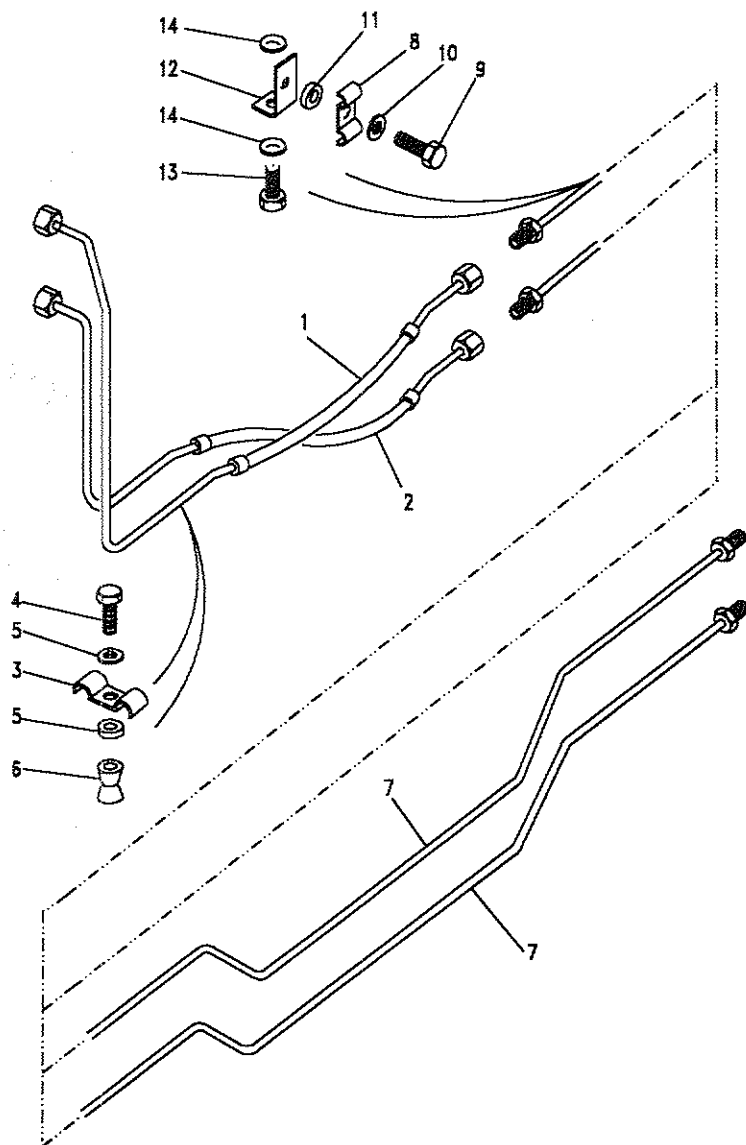
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### ENGINE OIL COOLER - PIPES - V8

| III. Part No.            | Description             | Qty | Remarks           |
|--------------------------|-------------------------|-----|-------------------|
| <b>From VIN FA429128</b> |                         |     |                   |
| 1 ESR399                 | Pipe assembly feed      | 1   | Upto VIN HA906108 |
| ESR583                   | Pipe assembly feed      | 1   | From VIN HA906109 |
| ESR1915                  | Pipe assembly feed      | 1   | Upto VIN JA918061 |
| 2 NTC5624                | Pipe assembly return    | 1   | From VIN JA918062 |
| ESR398                   | Pipe assembly return    | 1   | Except Note(1)    |
| ESR1914                  | Pipe assembly return    | 1   | Upto VIN JA918061 |
| 3 NTC3858                | Adaptor radiator        | 2   | From VIN JA918062 |
| ESR1262                  | Adaptor radiator        | 2   | Upto VIN JA918061 |
| 4 NTC6847                | Clamp pipe              | 2   | From VIN JA918062 |
| 5 FS106167L              | Screw                   | 1   |                   |
| 6 WA106041L              | Washer plain            | 1   |                   |
| 7 NY106041L              | Nut                     | 1   |                   |
| 8 ERC8501                | Adaptor assembly filter | 1   |                   |
| 9 ERR852                 | Gasket                  | 1   |                   |
| 10 ERC2226L              | Adaptor screw           | 1   |                   |
| 11 ETC9064               | Adaptor                 | 2   |                   |
| 12 ETC9065               | Washer copper           | 2   |                   |

Note(1) RHD vehicles with Gemmer power steering box from VIN HA469818





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### GEARBOX OIL COOLER - PIPES - V8 LT77 GEARBOX

| III. Part No.      | Description              | Qty | Remarks           |
|--------------------|--------------------------|-----|-------------------|
| <b>Non Air Con</b> |                          |     |                   |
| 1 ESR570           | Pipe oil cooler RH front | 1   | Upto VIN JA918061 |
| ESR1919            | Pipe oil cooler RH front | 1   | From VIN JA918062 |
| 2 ESR571           | Pipe oil cooler LH front | 1   | Upto VIN JA918061 |
| ESR1920            | Pipe oil cooler LH front | 1   | From VIN JA918062 |
| <b>Air Con</b>     |                          |     |                   |
| 1 ESR530           | Pipe oil cooler RH front | 1   | Upto VIN JA918061 |
| ESR1918            | Pipe oil cooler RH front | 1   | From VIN JA918062 |
| 2 ESR531           | Pipe oil cooler LH front | 1   | Upto VIN JA918061 |
| ESR1917            | Pipe oil cooler LH front | 1   | From VIN JA918062 |
| 3 594637           | Clip retaining           | 1   |                   |
| 4 FS106167L        | Screw                    | 1   |                   |
| 5 WA106041L        | Washer plain             | 2   |                   |
| 6 NN106011         | Nut anchor               | 1   |                   |
| 7 ESR527           | Pipe oil cooler rear     | 2   | Upto VIN JA918061 |
| ESR1916            | Pipe oil cooler rear     | 2   | From VIN JA918062 |
| 8 594637           | Clip retaining           | 1   |                   |
| 9 FS106201L        | Screw                    | 1   |                   |
| 10 WA108051L       | Washer plain             | 1   |                   |
| 11 WA106041L       | Washer plain             | 1   |                   |
| 12 NTC5897         | Bracket mounting         | 1   |                   |
| 13 SH505081L       | Screw                    | 1   |                   |
| 14 WA106001I       | Washer plain             | 2   |                   |

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### COOLING SYSTEM - EXPANSION TANK

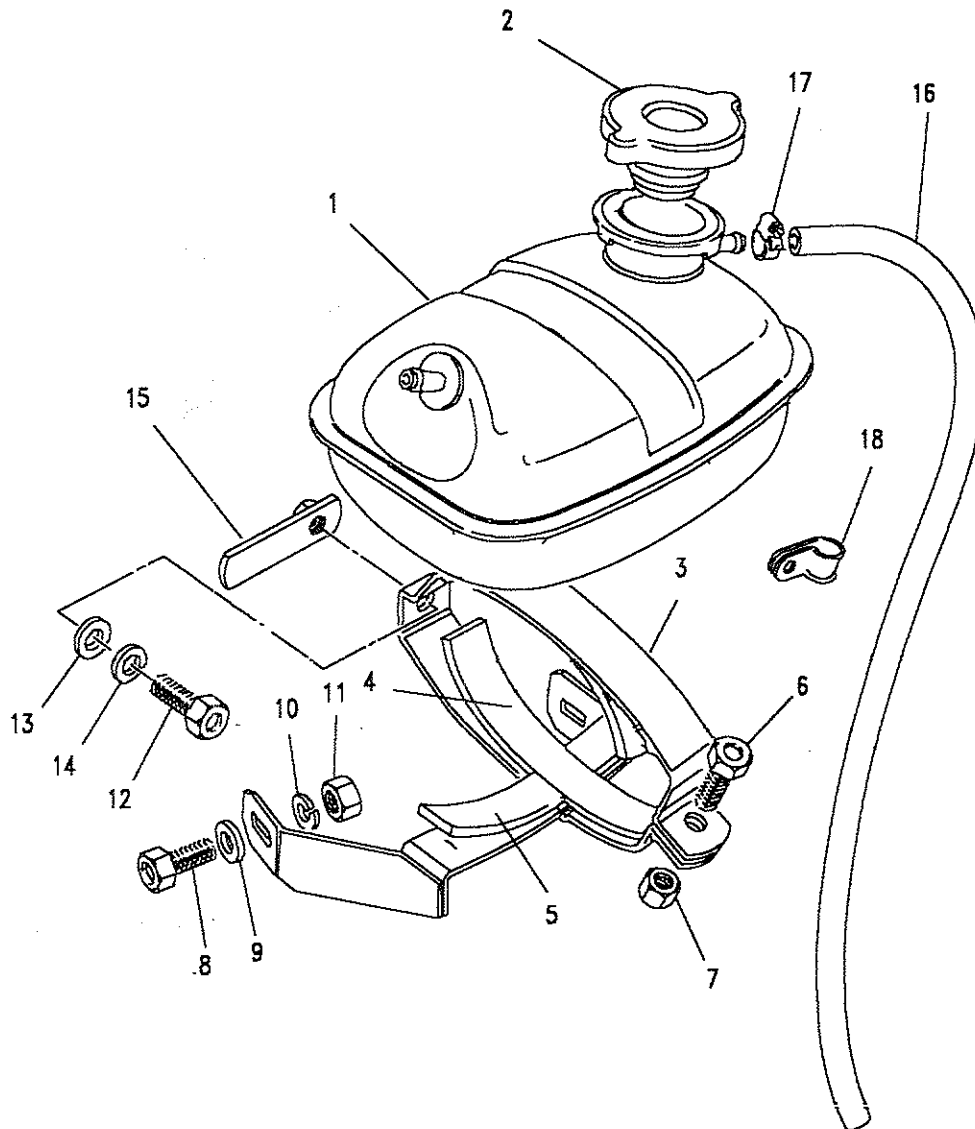
**III. Part No. Description Qty Remarks**  
**Petrol, Nat Asp Diesel, Diesel Turbo**

#### 4 Cylinder, All Variants

|   |           |                          |   |               |
|---|-----------|--------------------------|---|---------------|
| 1 | ESR2733   | Tank expansion           | 1 |               |
| 2 | RTC3610   | Cap expansion tank-9psi  | 1 | Upto LA932798 |
|   | PCD100150 | Cap expansion tank-15psi | 1 | From LA932799 |
|   | 565540    | Cap expansion tank-15psi | 1 | Diesel Turbo  |

#### V8

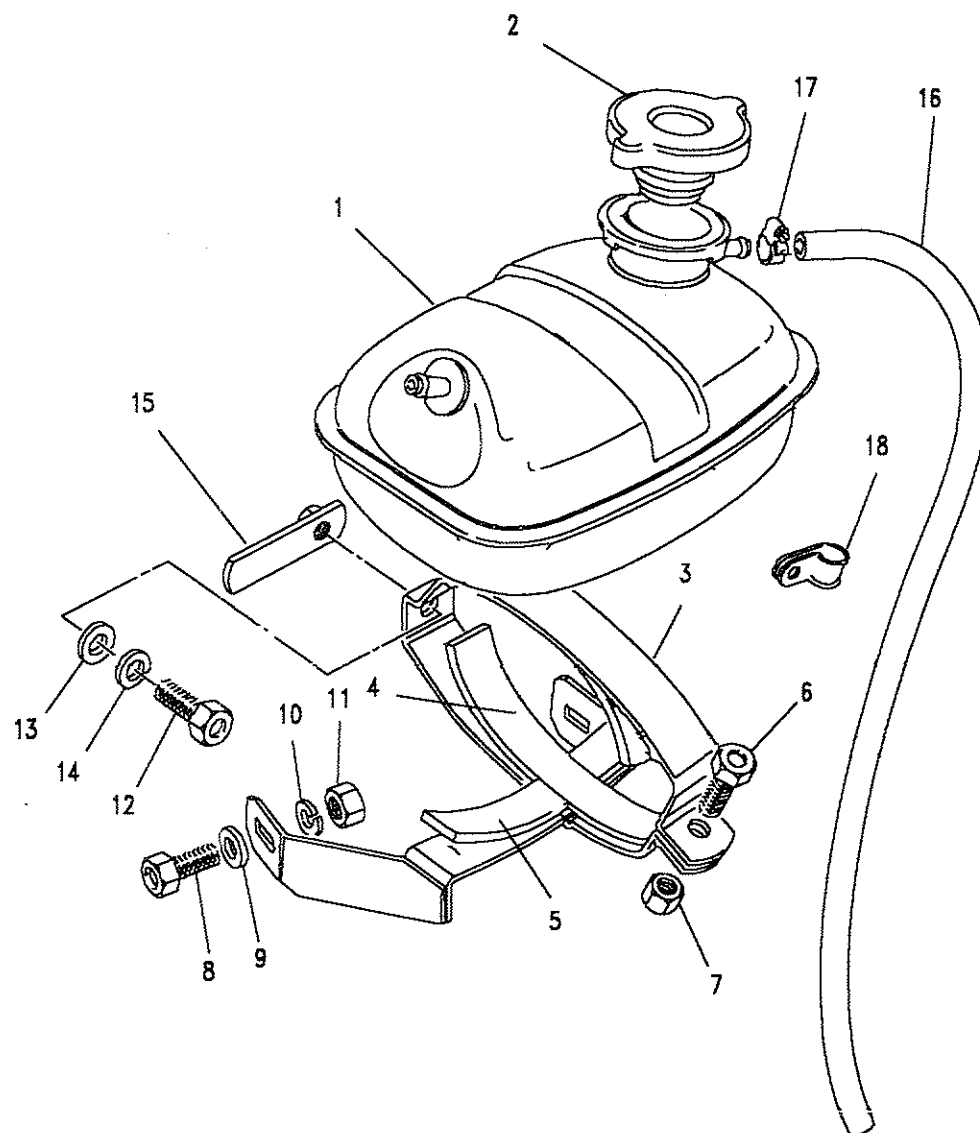
|    |           |                          |   |               |
|----|-----------|--------------------------|---|---------------|
| 1  | ESR2734   | Tank expansion           | 1 |               |
| 2  | PCD100150 | Cap expansion tank-15psi | 1 |               |
| 3  | NRC6692   | Carrier                  | 1 |               |
| 4  | NRC5294   | Strip polyurethane       | 2 |               |
| 5  | NRC5295   | Strip polyurethane       | 2 |               |
| 6  | SH106207L | Screw                    | 1 | Upto FA389798 |
|    | FS106201L | Flange screw             | 1 | From FA389799 |
| 7  | NY106041L | Nut                      | 1 |               |
| 8  | SH106207L | Screw-to wheelarch       | 2 | )             |
| 9  | WC106047  | Washer plain             | 4 | )Upto         |
| 10 | WL106007L | Washer spring            | 2 | )FA389798     |
| 11 | NH106047  | Nut                      | 2 | )             |



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### COOLING SYSTEM - EXPANSION TANK

| III. Part No. | Description | Qty | Remarks   |
|---------------|-------------|-----|-----------|
| 8             | FS106201L   | 2   | )         |
| 9             | WC106041L   | 4   | )From     |
| 10            | WL106001L   | 2   | )FA389799 |
| 11            | NH106041L   | 2   | )         |
| 12            | SH106207L   | 1   | )         |
| 13            | WC106047    | 1   | )Upto     |
| 14            | WL106007L   | 1   | )FA389798 |
|               | FS106201L   | 1   | )         |
|               | WC106041L   | 1   | )From     |
|               | WL106001L   | 1   | )FA389799 |
| 15            | NRC7133     | 1   |           |
| 16            | 564724      | 1   |           |
| 17            | NRC1360     | 1   |           |
| 18            | CP106121    | 1   |           |





DEFENDER 90

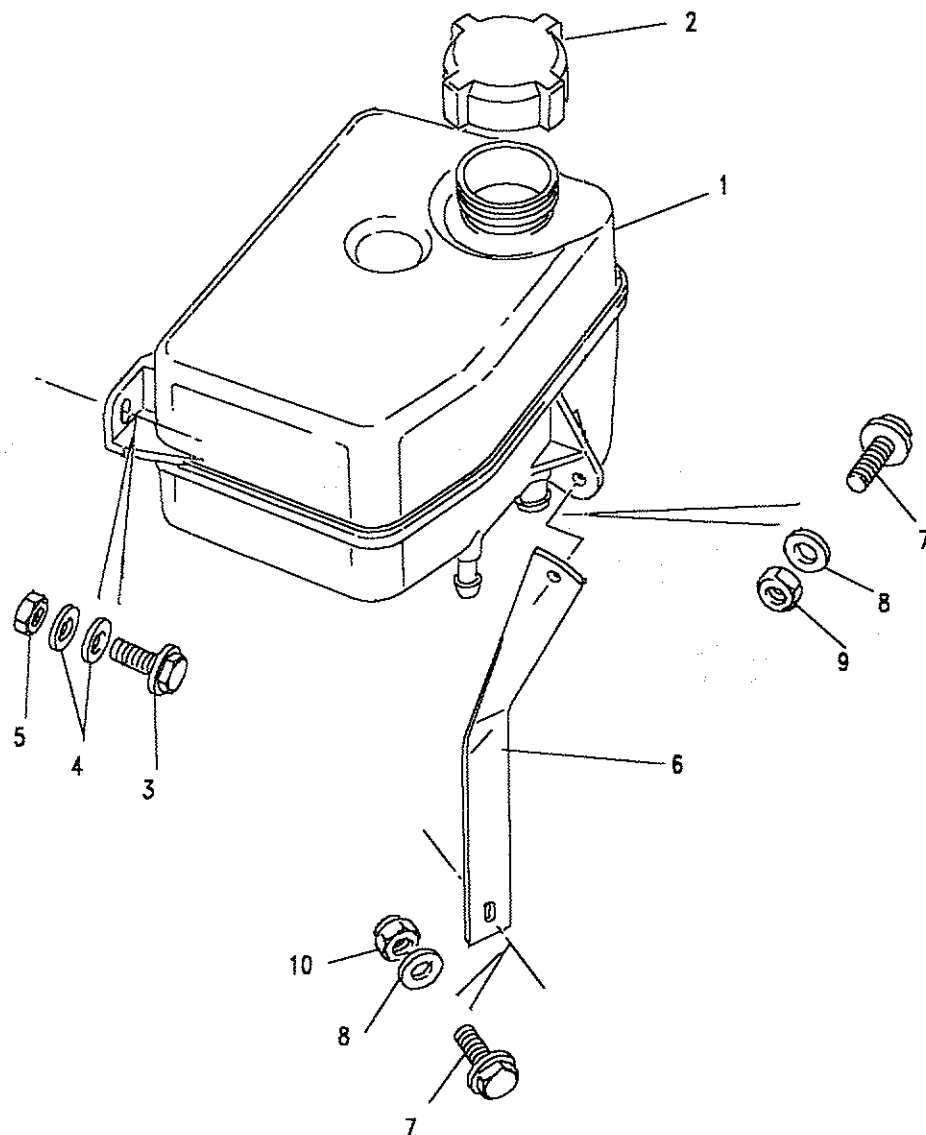
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COOLING/HEATING

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COOLING SYSTEM - EXPANSION TANK

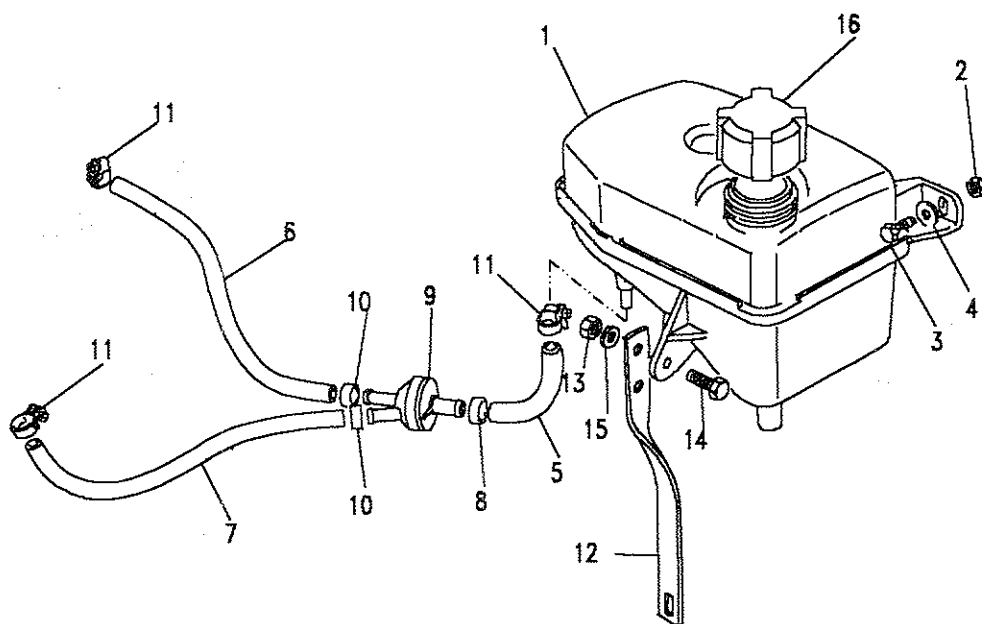
| III. Part No. | Description      | Qty | Remarks |
|---------------|------------------|-----|---------|
| <b>200TDI</b> |                  |     |         |
| 1 ESR63       | Tank expansion   | 1   |         |
| 2 NTC7161     | Cap              | 1   | 15 psi  |
| 3 FS106167L   | Screw            | 2   |         |
| 4 WA106041L   | Washer plain     | 4   |         |
| 5 NH106041L   | Nut              | 2   |         |
| 6 ESR584      | Bracket mounting | 1   |         |
| 7 FS106167L   | Screw            | 2   |         |
| 8 WA106041L   | Washer plain     | 2   |         |
| 9 NH106041L   | Nut              | 1   |         |
| 10 NY106041L  | Nut              | 1   |         |

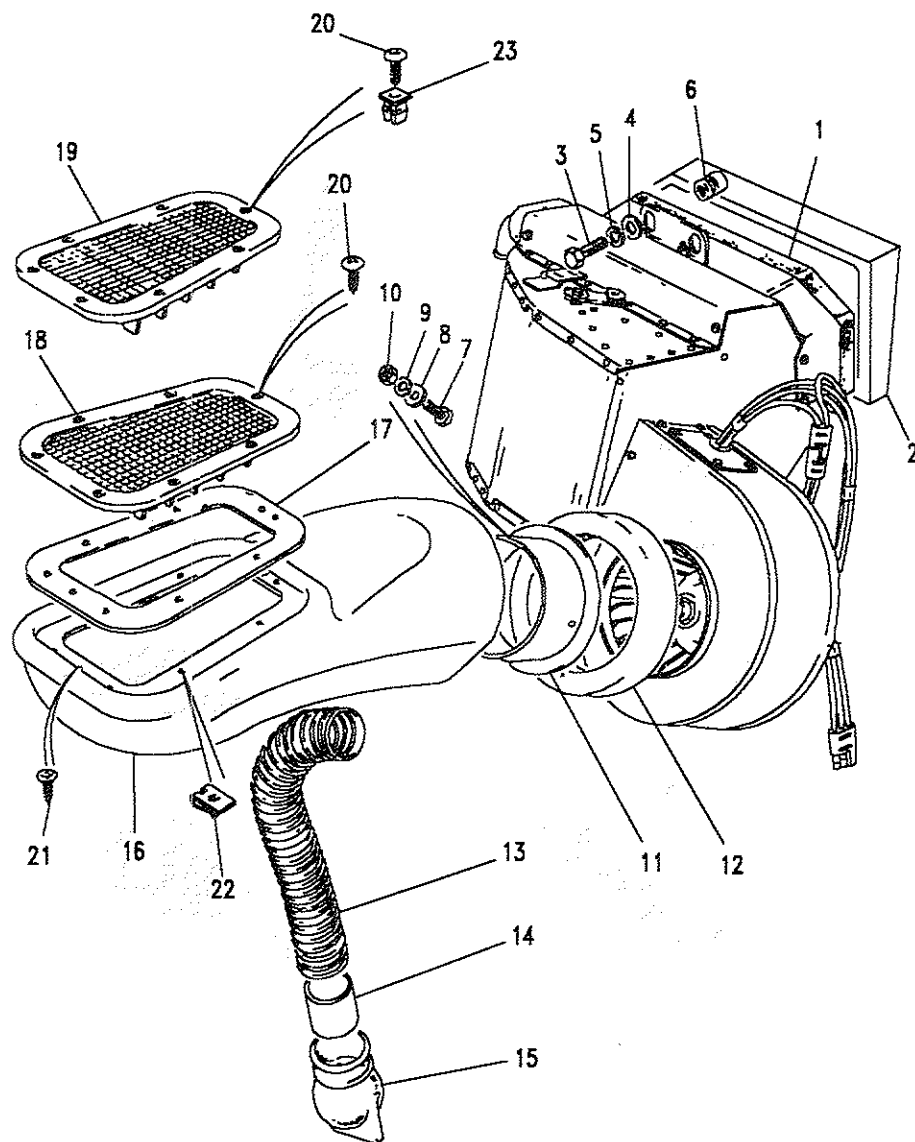


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**Page** ADLXCC1B

### COOLING SYSTEM - EXPANSION TANK

| III. Part No. | Description              | Qty | Remarks |
|---------------|--------------------------|-----|---------|
| <b>300TDI</b> |                          |     |         |
| 1 ESR0063     | Expansion tank           | 1   |         |
| 2 NH106041    | Nut M6                   | 3   |         |
| 3 SH106161    | Screw M6                 | 3   |         |
| 4 WA106041    | Washer plain             | 5   |         |
| 5 ESR2343     | Hose ejector/exp.tank    | 1   |         |
| 6 ESR2344     | Hose radiator/ejector    | 1   |         |
| 7 ESR2345     | Hose engine/ejector      | 1   |         |
| 8 ESR2346     | Clip oetiker hose type   | 1   |         |
| 9 ESR2348     | Pump ejector             | 1   |         |
| 10 ESR2349    | Clip oetiker hose type   | 2   |         |
| 11 CN100208   | Clip hose                | 3   |         |
| 12 ESR2313    | Bracket mounting         | 1   |         |
| 13 NH106041   | Nut M6                   | 1   |         |
| 14 SH106161   | Screw M6                 | 1   |         |
| 15 WA106041   | Washer plain             | 1   |         |
| 16 NTC7161    | Cap expansion tank-15psi | 1   |         |

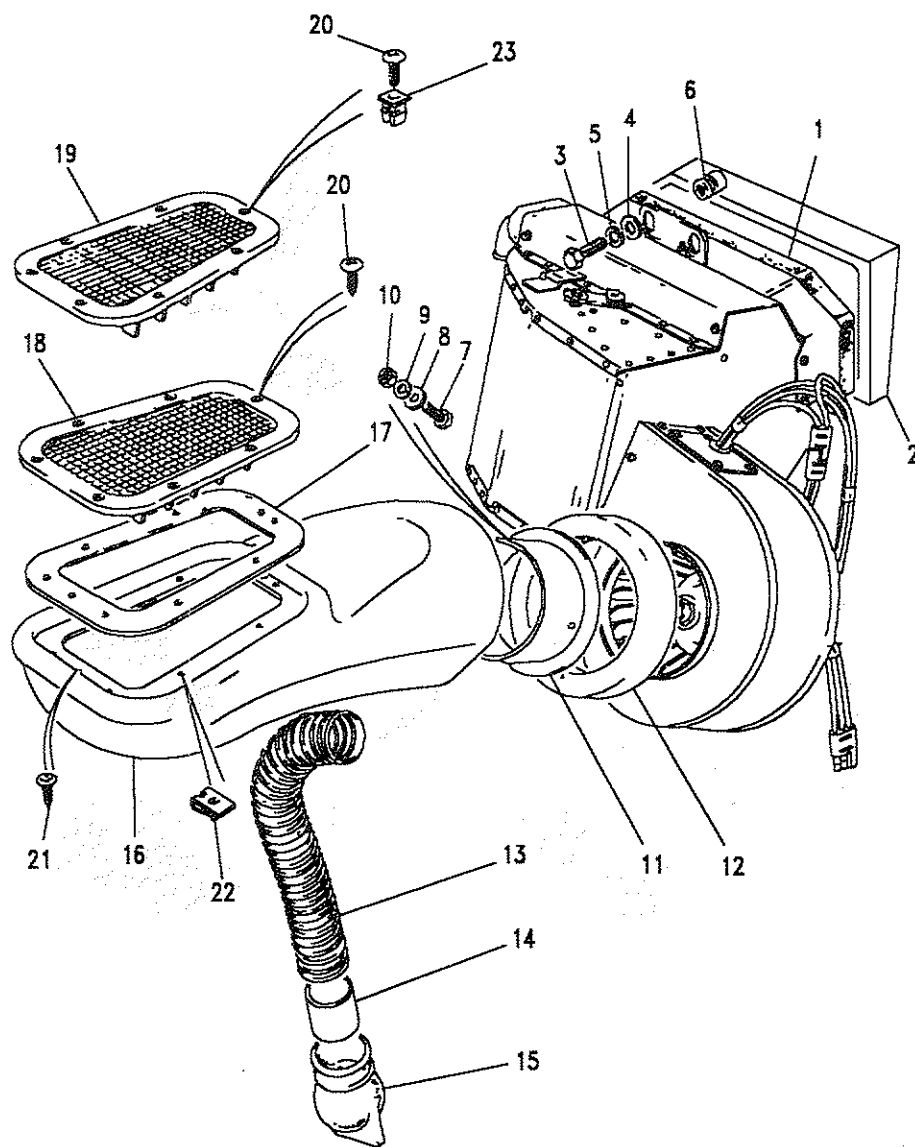




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**Page** ADLXGA1A

### HEATING SYSTEM - HEATER

| III. Part No.                       | Description           | Qty | Remarks           |
|-------------------------------------|-----------------------|-----|-------------------|
| <b>4 Cylinder Petrol and Diesel</b> |                       |     |                   |
| 1 STC456                            | Heater kit-RHS        | 1   | Upto VIN HA700727 |
| BTR1116                             | Heater assembly-RHS   | 1   | From VIN HA700728 |
| BTR4318                             | Heater assembly - RHS | 1   | up to LA939975    |
| BTR1109                             | Heater assembly-LHS   | 1   | From MA939976     |
| BTR1117                             | Heater assembly-LHS   | 1   | Upto VIN HA700710 |
| BTR4317                             | Heater assembly - LHS | 1   | From HA700711     |
| <b>V8</b>                           |                       |     |                   |
| 1 STC456                            | Heater kit-RHS        | 1   | Up to HA700729    |
| BTR1116                             | Heater assembly-RHS   | 1   | From HA700730     |
| BTR4318                             | Heater assembly - RHS | 1   | up to LA939975    |
| BTR1109                             | Heater assembly-LHS   | 1   | From MA939976     |
| BTR1117                             | Heater assembly-LHS   | 1   | Up to HA700729    |
| BTR4317                             | Heater assembly - LHS | 1   | From HA700730     |
| <b>200TDI</b>                       |                       |     |                   |
| 1 STC456                            | Heater kit-RHS        | 1   | Up to HA700655    |
| BTR1116                             | Heater assembly-RHS   | 1   | From HA700656     |
| BTR4318                             | Heater assembly - RHS | 1   | up to LA939975    |
| BTR1109                             | Heater assembly-LHS   | 1   | From MA939976     |
| BTR1117                             | Heater assembly-LHS   | 1   | Up to HA700725    |
| BTR4317                             | Heater assembly - LHS | 1   | From HA700726     |
|                                     |                       | 1   | up to LA939975    |
|                                     |                       | 1   | From MA939976     |



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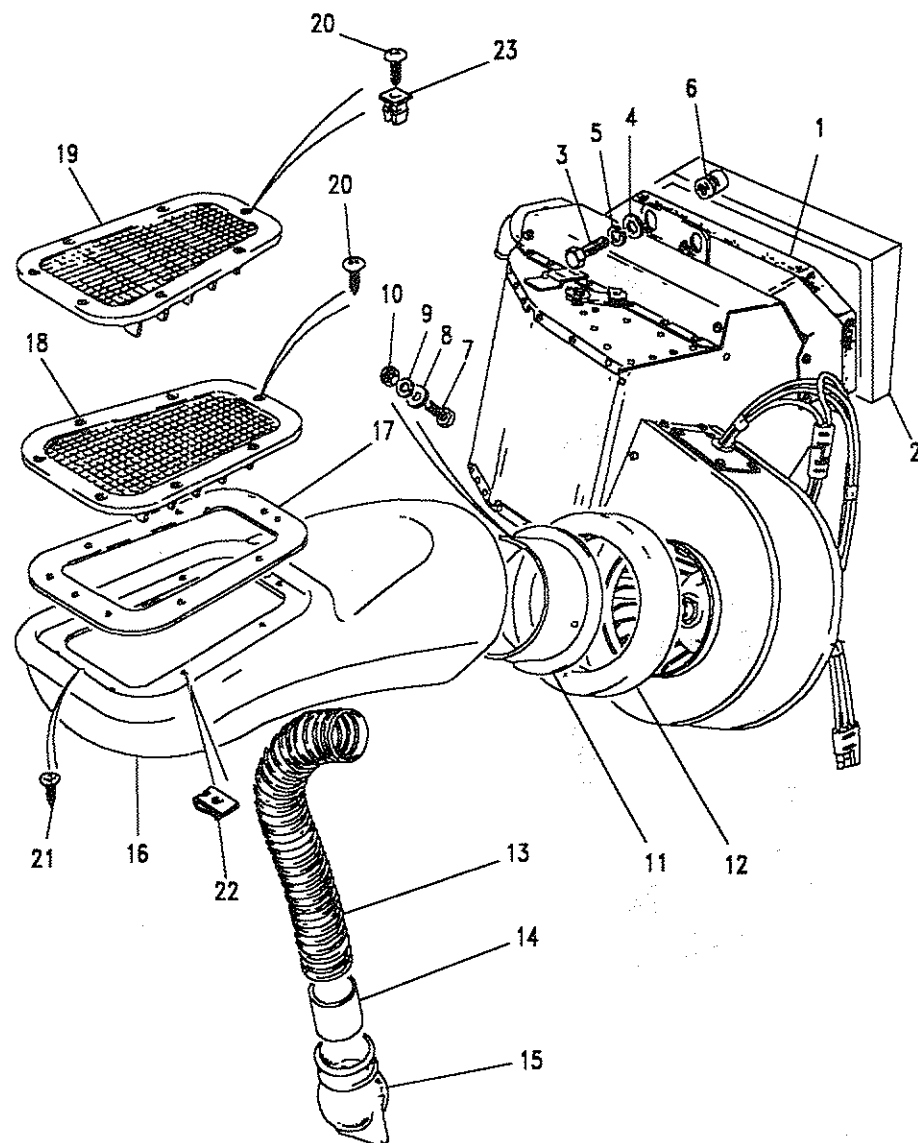
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## HEATING SYSTEM - HEATER

| III. Part No.       | Description           | Qty | Remarks |
|---------------------|-----------------------|-----|---------|
| <b>300TDI</b>       |                       |     |         |
| BTR4318             | Heater assembly - RHS | 1   |         |
| BTR4317             | Heater assembly - LHS | 1   |         |
| <b>All variants</b> |                       |     |         |
| 2 STC952            | Seal-heater to dash   | 1   | RHS     |
| STC953              | Seal-heater to dash   | 1   | LHS     |
| 3 SH108161L         | Screw-to dash         | 2   |         |
| 4 RTC610            | Washer plain          | 2   |         |
| 5 WL108001L         | Washer spring         | 2   |         |
| 6 NN108021          | Nutsert               | 2   |         |
| 7 FS106167L         | Screw                 | 2   |         |
| 8 WA106041L         | Washer plain          | 2   |         |
| 9 WL106001L         | Washer spring         | 2   |         |
| 10 NH106041L        | Nut                   | 2   |         |

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### HEATING SYSTEM - HEATER



| III. Part No. | Description              | Qty | Remarks      |
|---------------|--------------------------|-----|--------------|
| 11 MRC8642    | Tube flanged             | 1   |              |
| 12 MRC8378    | Seal heater              | 1   |              |
| 13 MRC8377    | Tube drain               | 1   | Upto Note(1) |
| 14 MRC8717    | Insert-drain tube        | 1   | Upto Note(1) |
| 15 STC1120    | Valve assembly air       | 1   | Upto Note(1) |
| MUC2417       | Dump valve               | 1   | From Note(2) |
| 16 MTC2391    | Duct-LH-RHS              | 1   | Upto Note(1) |
| MTC2390       | Duct-RH-LHS              | 1   | Upto Note(1) |
| MUC2419       | Duct-LH-RHS              | 1   | From Note(2) |
| MUC2418       | Duct-RH-LHS              | 1   | From Note(2) |
| 17 MRC9998    | Seal duct                | 1   |              |
| 18 MRC9939    | Finisher-grille-LH-RHS   | 1   |              |
| MRC9938       | Finisher-grille-RH-LHS   | 1   |              |
| 19 MRC9940    | Finisher-blanking-RH-RHS | 1   |              |
| MRC9941       | Finisher-blanking-LH-LHS | 1   |              |
| 20 AB608065L  | Screw                    | 14  |              |
| 21 AC608041L  | Screw                    | 4   |              |
| 22 AJ608041   | Clip spire               | 9   |              |
| 23 CZK619     | Nut lokut                | 9   |              |

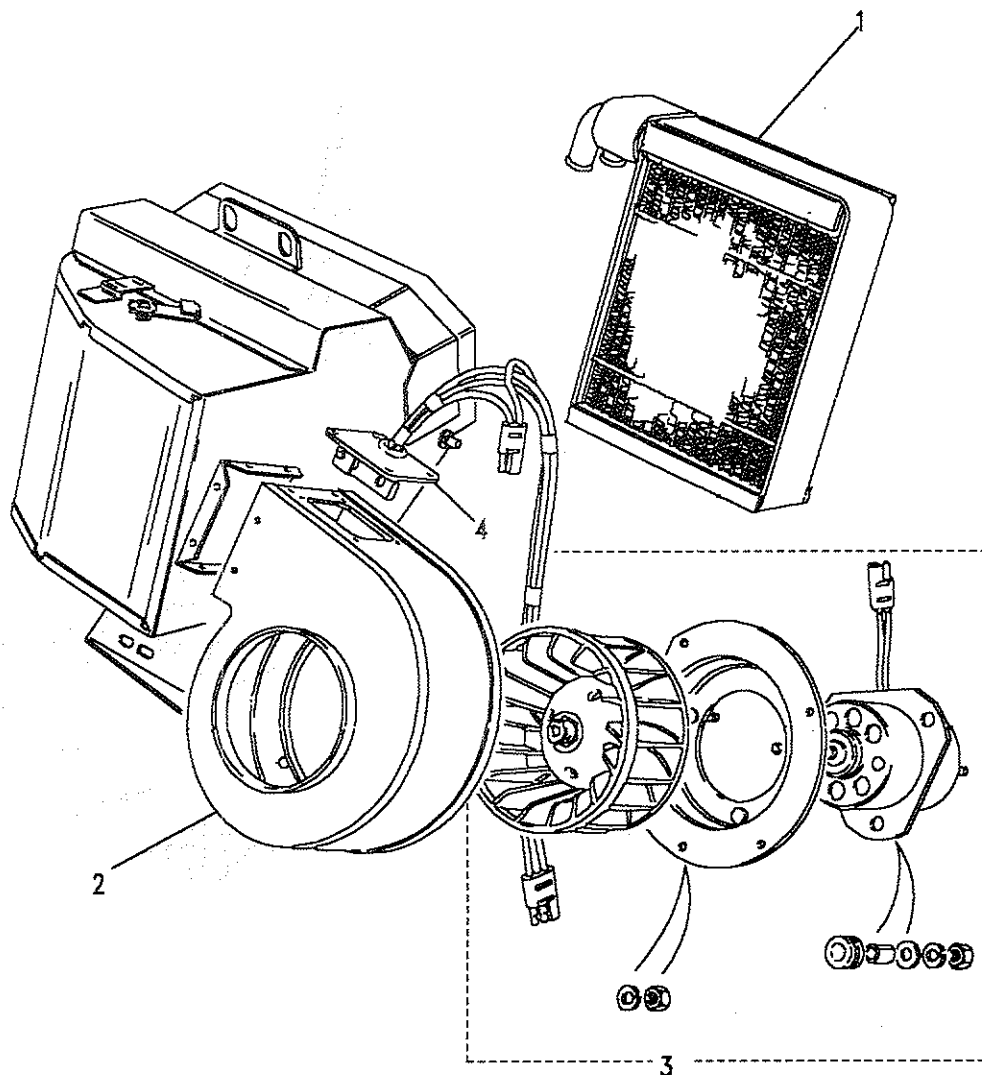
Note(1) VIN 219960-Petrol, VIN 220101 Diesel  
Note(2) VIN 219961-Petrol, VIN 220102 Diesel

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### HEATING SYSTEM - HEATER COMPONENTS

| III. Part No. | Description               | Qty | Remarks        |
|---------------|---------------------------|-----|----------------|
| 1 AAP817      | Matrix                    | 1   | Note(1)        |
| UTP1725       | Matrix                    | 1   | Note(2)        |
| 2 AAP810      | Volute assembly - RHS     | 1   | Up to LA939975 |
| UTP1259       | Volute & motor assy - RHS | 1   | From MA939976  |
| AAP811        | Volute assembly - LHS     | 1   | Up to LA939975 |
| UTP1258       | Volute & motor assy - LHS | 1   | From MA939976  |
| 3 RTC4200     | Motor and rotor - RHS     | 1   | Up to LA939975 |
| RTC4201       | Motor and rotor - LHS     | 1   | Up to LA939975 |
| STC1207       | Motor and rotor assembly  | 1   | From MA939976  |
| 4 UTP1281     | Harness and resistor      | 1   | RHS            |
| UTP1282       | Harness and resistor      | 1   | LHS            |

Note(1) For Heater assy with downward facing inlet/outlet pipes BTR1109  
 Note(2) For Heater Assy with horizontal inlet/outlet pipes STC456 BTR1116  
 BTR1117



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### HEATING SYSTEM - HEATER CONTROLS

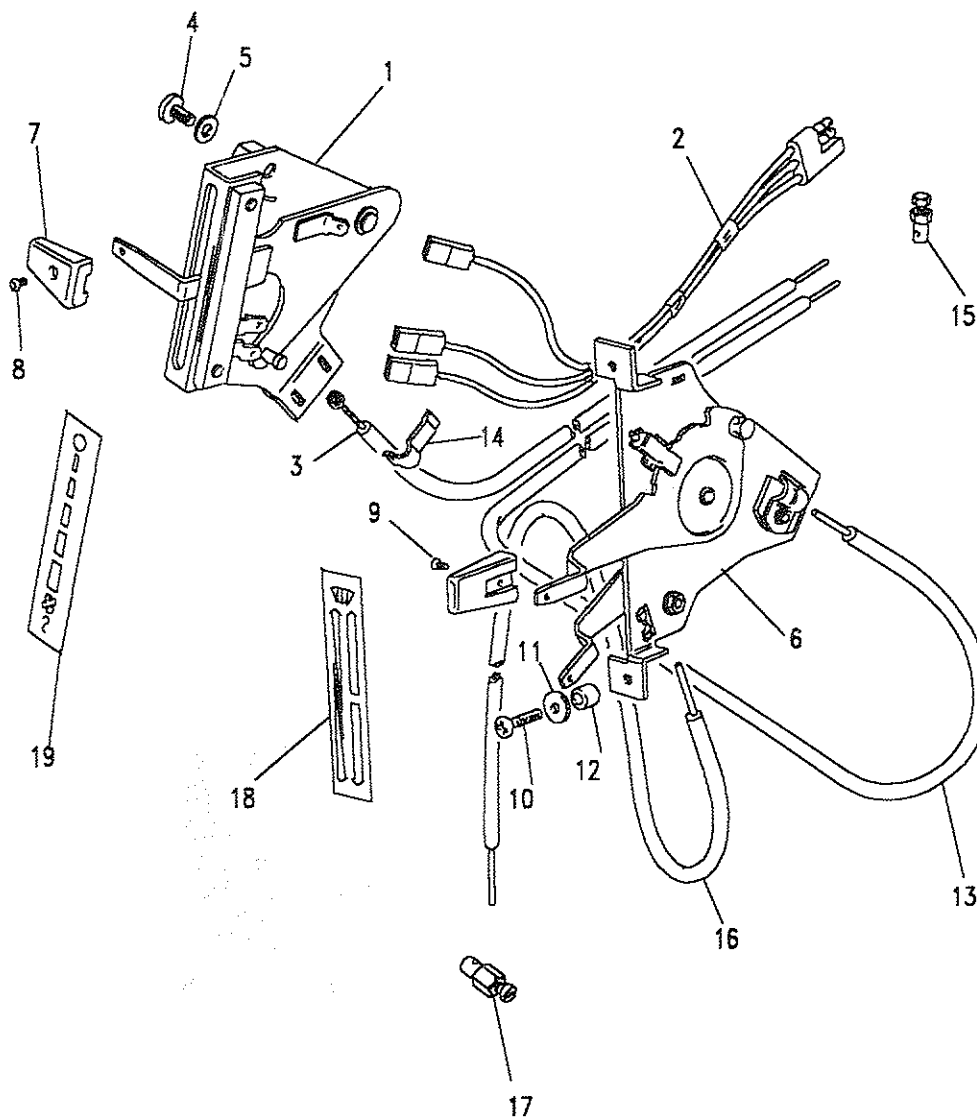
#### III. Part No.

#### Up to LA939975

| Part No.  | Description            | Qty | Remarks |
|-----------|------------------------|-----|---------|
| 1 UTP1126 | Control heater - RHS   | 1   |         |
| 1 UTP1125 | Control heater - LHS   | 1   |         |
| 2 AAP890  | Harness heater control | 1   |         |
| 3 AAP876  | Cable control          | 1   | Outlet  |

#### From MA939976

|              |                           |   |                |
|--------------|---------------------------|---|----------------|
| 1 BTR4433    | Control assembly - RHS    | 1 |                |
| 1 AAP938     | Control heater - RHS      | 1 |                |
| 2 UTP1883    | Harness heater control    | 1 |                |
| 3 AAP876     | Cable control             | 1 | Outlet         |
| 14 13H7343L  | Clip retaining            | 1 |                |
| 1 BTR4434    | Control assembly - LHS    | 1 |                |
| 1 AAP939     | Control heater - LHS      | 1 |                |
| 2 UTP1883    | Harness heater control    | 1 |                |
| 3 AAP876     | Cable control             | 1 | Outlet         |
| 14 13H7343L  | Clip retaining            | 1 |                |
| 4 SE105161L  | Screw                     | 2 |                |
| 5 WA105001L  | Washer plain              | 2 |                |
| 6 346924     | Plate mounting and levers | 1 | RHS            |
| 347586       | Plate mounting and levers | 1 | LHS            |
| 7 MTC2805    | Knob                      | 3 |                |
| 8 SG103084   | Screw                     | 1 |                |
| 9 MTC7737    | Screw                     | 2 |                |
| 10 SE808244  | Screw                     | 2 |                |
| 11 WA105004L | Washer plain              | 2 |                |
| 12 MRC9922   | Spacer                    | 2 |                |
| 13 MTC6194   | Cable control - blend     | 1 |                |
| 14 13H7343L  | Clip retaining            | 2 |                |
| 15 RTC5978   | Trunnion                  | 2 |                |
| 16 347939    | Cable control - distrib'n | 1 | Up to LA939975 |
| 17 BTR8736   | Cable control - distrib'n | 1 | From MA939976  |
| 17 566902    | Trunnion                  | 1 |                |
| 18 MTC6006   | Label                     | 1 |                |

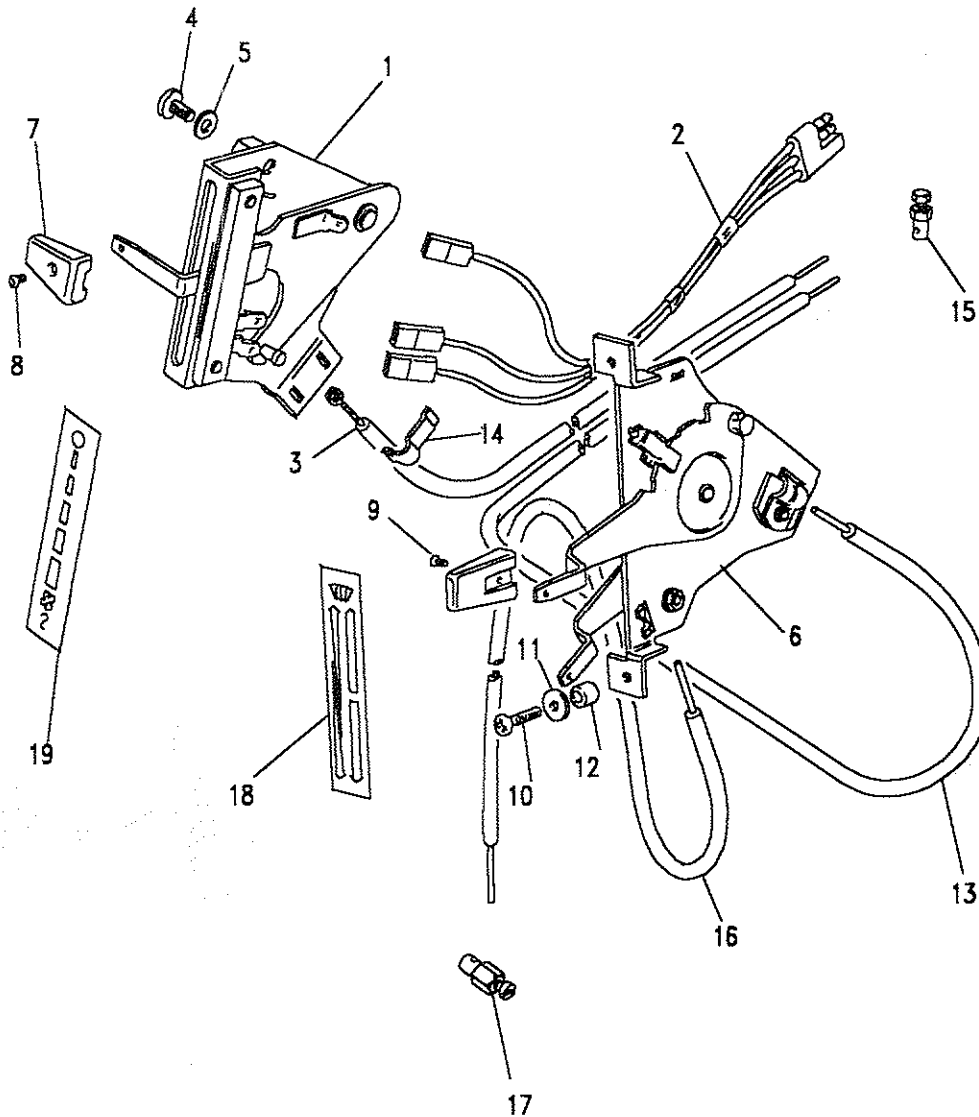




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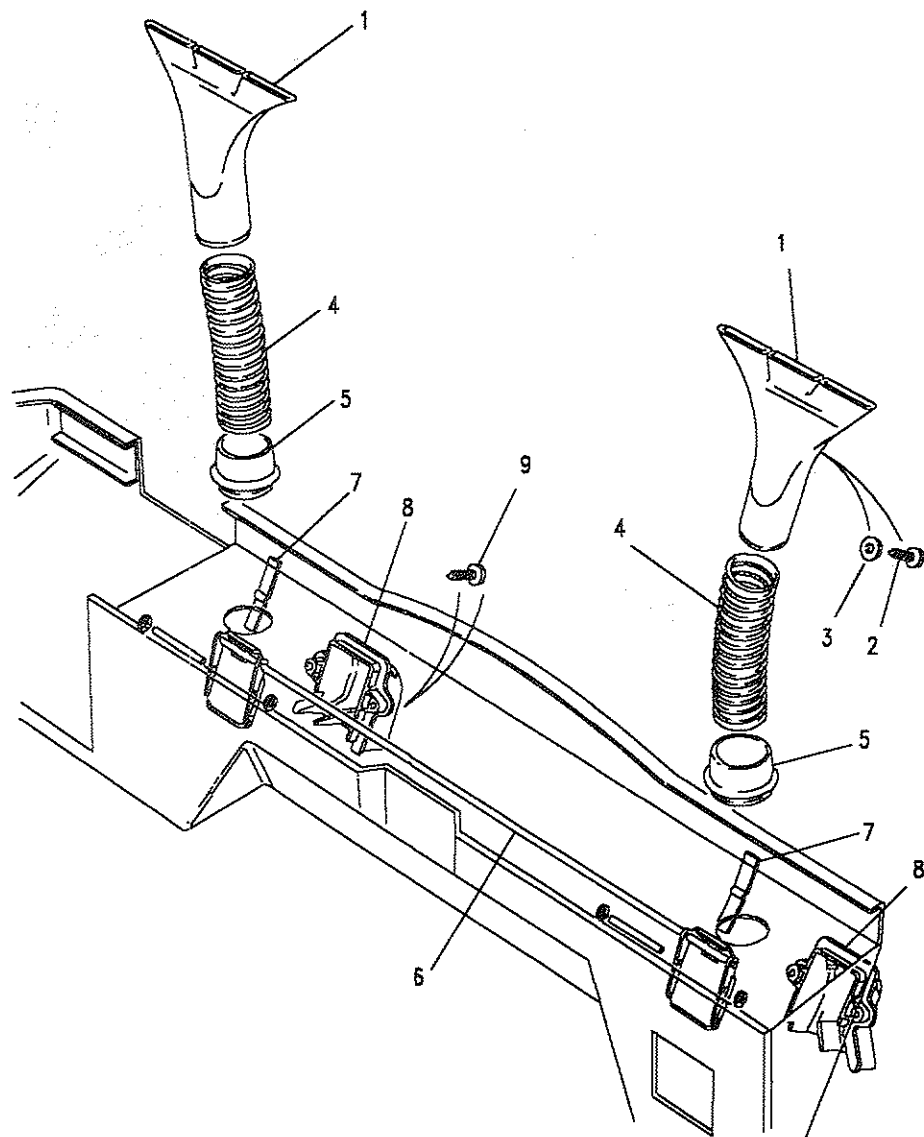
HEATING SYSTEM - HEATER CONTROLS

| III. Part No. | Description | Qty Remarks |
|---------------|-------------|-------------|
| 19 MTC6007    | Label       | 1           |
| UKC6684       | Cable tie   | 2           |



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### HEATER SYSTEM - DEMISTERS AND OUTLET FLAPS

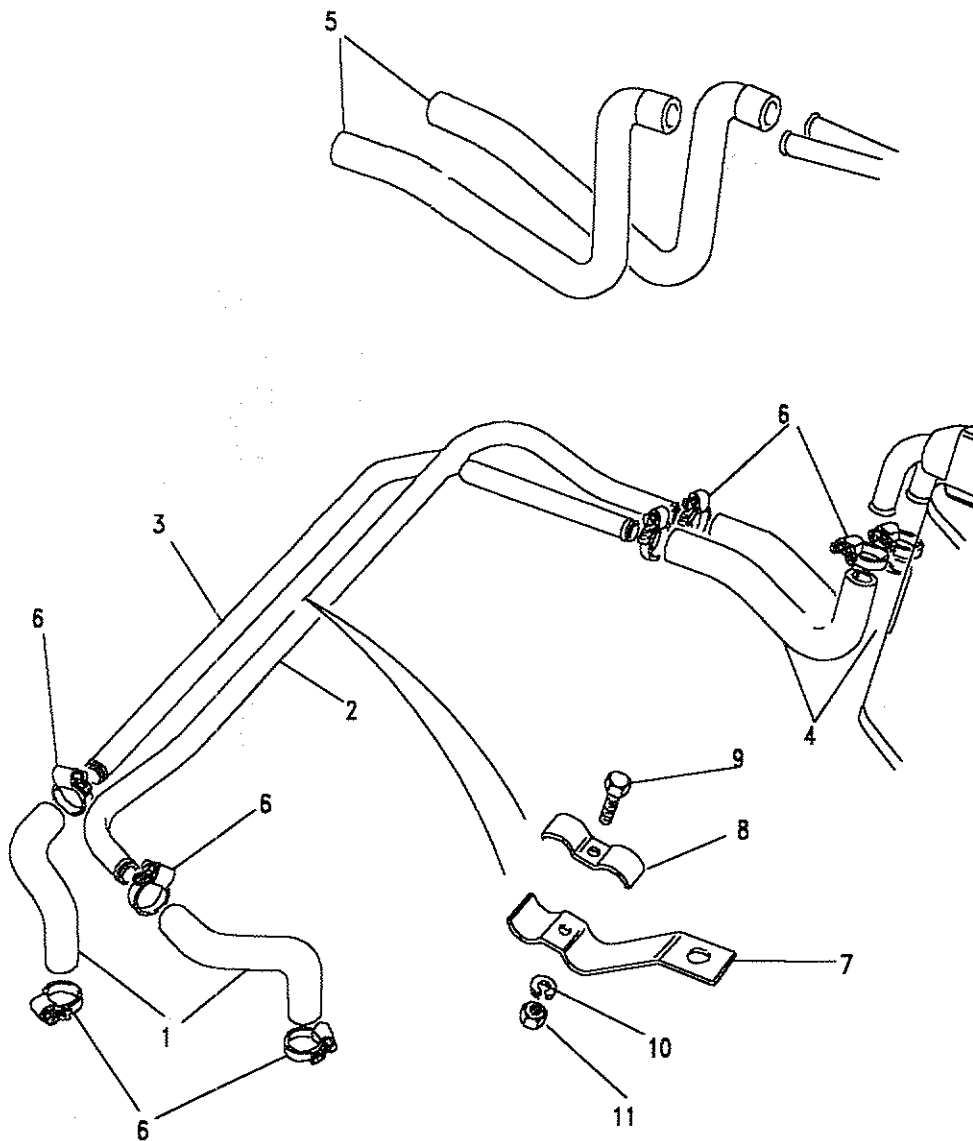


| III. Part No. | Description          | Qty | Remarks                     |
|---------------|----------------------|-----|-----------------------------|
| 1 MRC9668     | Nozzle-RH            | 1   |                             |
| MXC3188       | Nozzle-RH            | 1   | 200Tdi<br>Upto VIN JA906640 |
| BTR1600       | Nozzle-RH            | 1   | 200Tdi<br>From VIN JA906641 |
| 1 MRC9669     | Nozzle demist outlet | 1   |                             |
| MXC3189       | Nozzle-LH            | 1   | 200Tdi<br>Upto VIN JA906640 |
| BTR1599       | Nozzle-LH            | 1   | 200Tdi<br>From VIN JA906641 |
| 2 AB608047L   | Screw                | 2   |                             |
| 3 WA105001    | Washer plain         | 2   |                             |
| AB608054L     | Screw                | 4   | 200Tdi                      |
| AK608021      | Nut spring           | 4   | 200Tdi                      |
| 4 MTC6382     | Tube flexible        | 2   |                             |
| 5 MRC7281     | Grommet              | 2   |                             |
| 6 BTR1349     | Flaps heater outlet  | 1   |                             |
| 7 346976      | Spring               | 2   |                             |
| 8 395829      | Grille outlet RH     | 1   |                             |
| 395830        | Grille outlet LH     | 1   |                             |
| 9 MRC1525     | Screw                | 4   |                             |

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### HEATING SYSTEM - HEATER PIPES - 4 CYL PETROL & DIESEL

| III. Part No. | Description        | Qty | Remarks           |
|---------------|--------------------|-----|-------------------|
| 1 NRC6306     | Hose heater        | 2   |                   |
| 2 NRC6307     | Pipe heater-feed   | 1   | RHS               |
| NRC6422       | Pipe heater-feed   | 1   | LHS               |
| 3 NRC6420     | Pipe heater-return | 1   | RHS               |
| NRC6421       | Pipe heater-return | 1   | LHS               |
| 4 NRC6308     | Hose heater        | 2   | RHS               |
|               |                    |     | Upto VIN HA700727 |
| NRC6309       | Hose heater        | 2   | LHS               |
|               |                    |     | Upto VIN HA700710 |
| 5 BTR1134     | Hose heater        | 2   | RHS               |
|               |                    |     | From VIN HA700728 |
| BTR1135       | Hose heater        | 2   | LHS               |
|               |                    |     | From VIN HA700711 |
| 6 CN100258L   | Clip hose          | 8   |                   |
| 7 NRC6417     | Clamp pipe         | 1   |                   |
| NRC6418       | Clamp pipe         | 1   |                   |
| 8 NRC6419     | Clamp pipe         | 3   |                   |
| 9 SH106251L   | Screw              | 2   |                   |
| 10 WL106001L  | Washer spring      | 2   |                   |
| 11 NH106041L  | Nut                | 2   |                   |

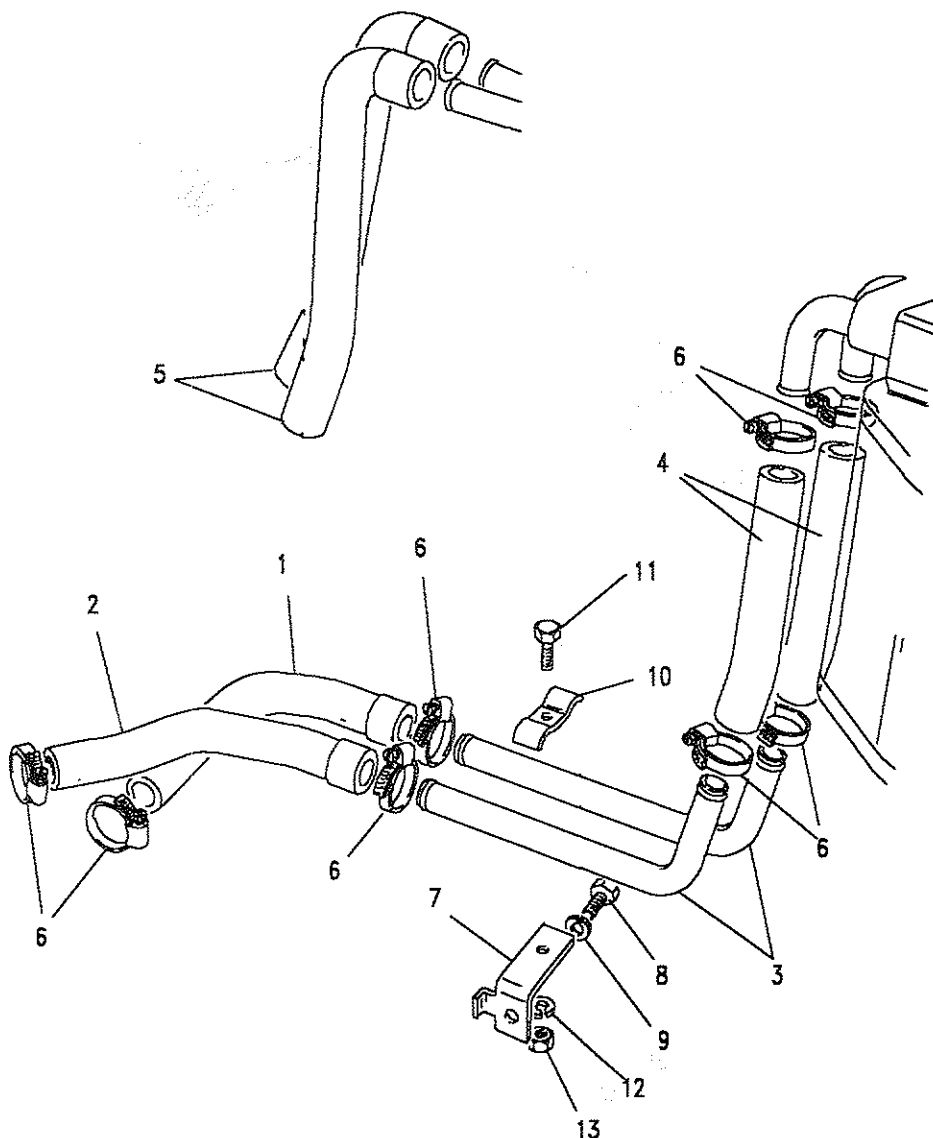




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## HEATING SYSTEM - HEATER PIPES - V8

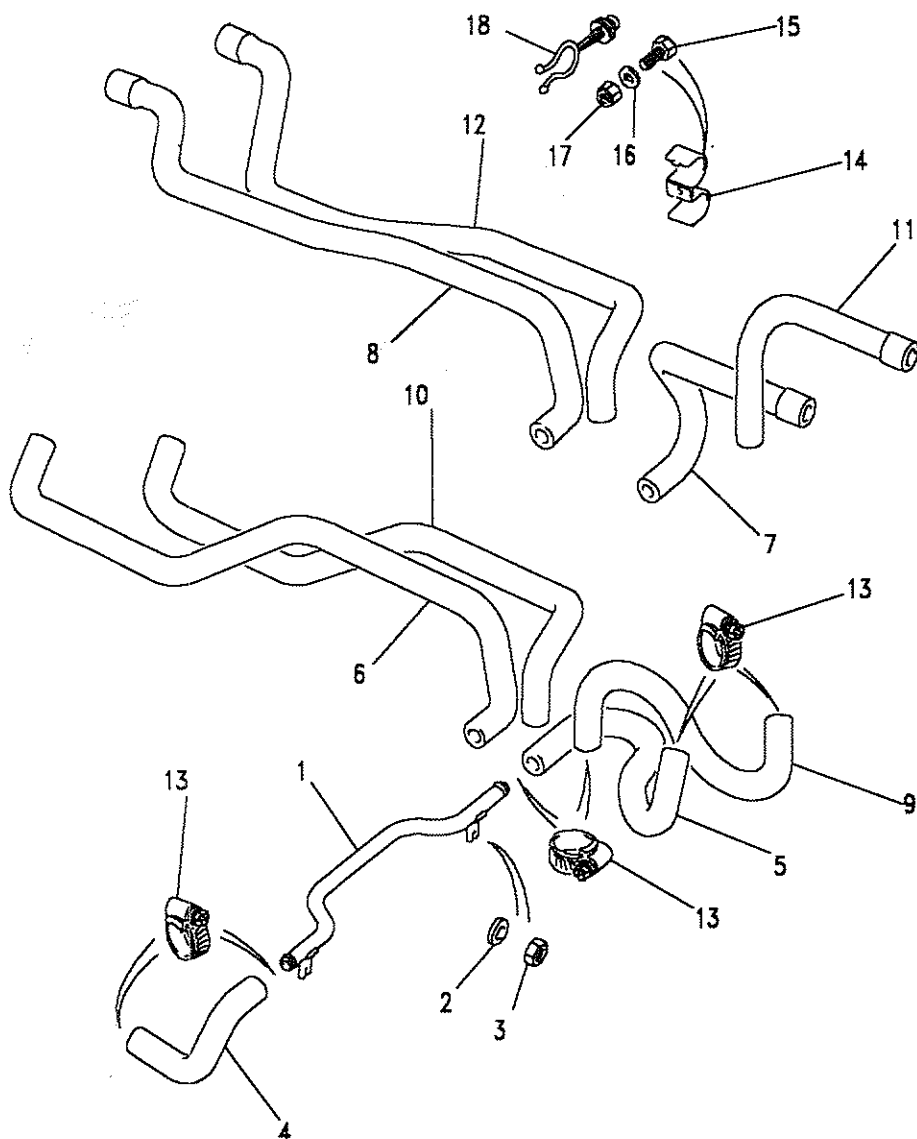
| III. Part No.                      | Description        | Qty | Remarks        |
|------------------------------------|--------------------|-----|----------------|
| <b>Engine feed</b>                 |                    |     |                |
| 1 NRC6311                          | Hose heater-feed   | 1   | RHS            |
| NRC6352                            | Hose heater-feed   | 1   | LHS            |
| <b>Engine return</b>               |                    |     |                |
| 2 NRC6314                          | Hose heater-return | 1   | RHS            |
| NRC6353                            | Hose heater-return | 1   | LHS            |
| 3 NRC6902                          | Pipe heater        | 2   | RHS            |
| NRC6312                            | Pipe Heater        | 2   | LHS            |
| 4 NRC6313                          | Hose heater        | 2   | Up to HA700729 |
| 5 BTR1136                          | Hose heater        | 2   | RHS            |
|                                    |                    |     | From HA700730  |
| BTR1137                            | Hose heater        | 2   | LHS            |
|                                    |                    |     | From HA700730  |
| 6 CN100308L                        | Clip hose          | 8   |                |
| 7 NRC8707                          | Bracket support    | 1   | RHS            |
| <b>Fixings - bracket to engine</b> |                    |     |                |
| 8 SH605071                         | Screw              | 1   |                |
| 9 WM600051L                        | Washer spring      | 1   |                |
| 10 NRC6419                         | Clamp pipe         | 1   | RHS            |
| 11 SH106301                        | Screw              | 1   |                |
| 12 WL106001                        | Washer spring      | 1   |                |
| 13 NH106041L                       | Nut                | 1   |                |



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### HEATING SYSTEM - HEATER PIPES - 200TDI

| III. Part No. | Description        | Qty | Remarks                  |
|---------------|--------------------|-----|--------------------------|
| 1 ERR371      | Pipe heater-return | 1   |                          |
| 2 WA110065    | Washer plain       | 2   |                          |
| 3 NT110041L   | Nut                | 2   |                          |
| 4 ERR1436     | Hose heater-return | 1   |                          |
| 5 BTR445      | Hose heater-return | 1   | RHS<br>Upto VIN HA700655 |
| 6 BTR982      | Hose heater-return | 1   | LHS<br>Upto VIN HA700725 |
| 7 BTR1130     | Hose heater-return | 1   | RHS<br>From VIN HA700656 |
| 8 BTR1131     | Hose heater-return | 1   | LHS<br>From VIN HA700726 |
| 9 BTR447      | Hose heater-feed   | 1   | RHS<br>Upto VIN HA700655 |
| 10 BTR983     | Hose heater-feed   | 1   | LHS<br>Upto VIN HA700725 |
| 11 BTR1132    | Hose heater-feed   | 1   | RHS<br>From VIN HA700656 |
| 12 BTR1133    | Hose heater-feed   | 1   | LHS<br>From VIN HA700726 |
| 13 CN100258L  | Clip hose          | 6   |                          |
| 14 BTR988     | Clamp hose         | 1   |                          |
| 15 SH105121L  | Screw              | 1   |                          |
| 16 WA105001L  | Washer plain       | 1   |                          |
| 17 NY105041L  | Nut                | 1   |                          |
| 18 NRC8332    | Clip cable         | 1   |                          |

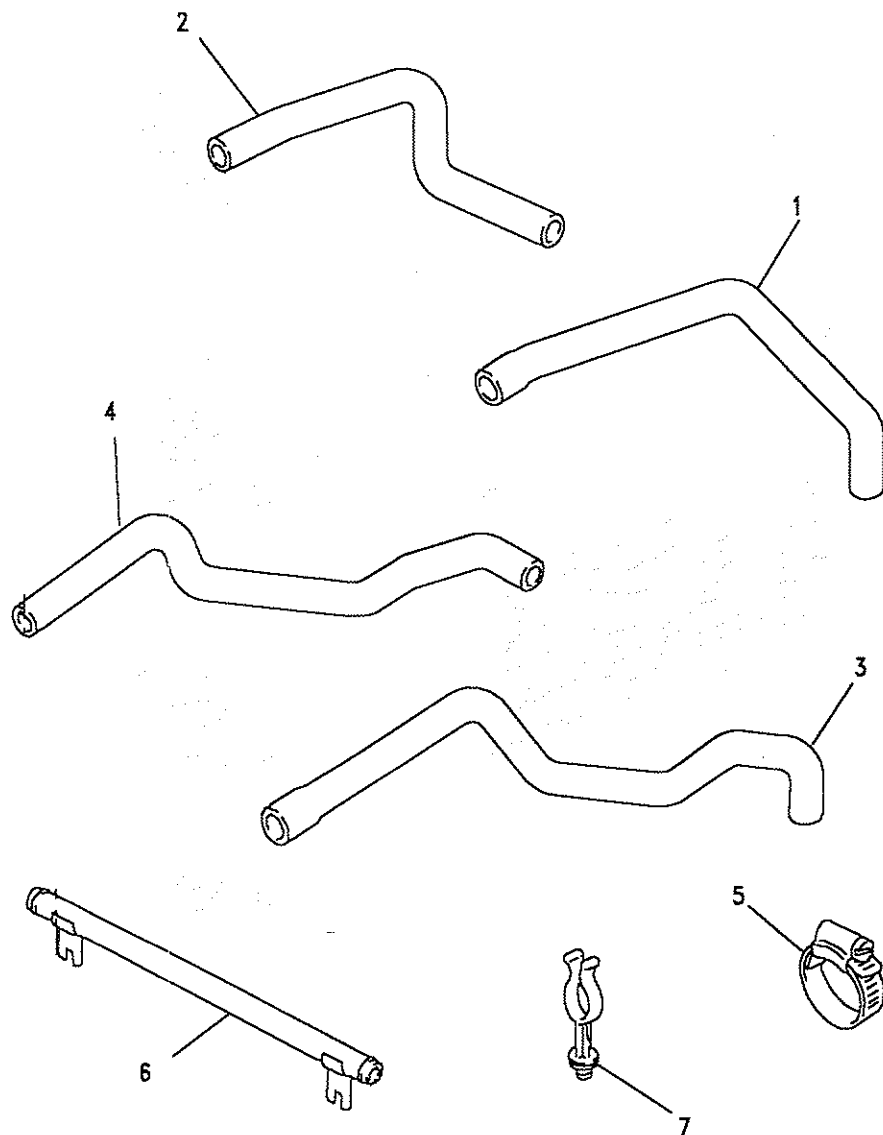


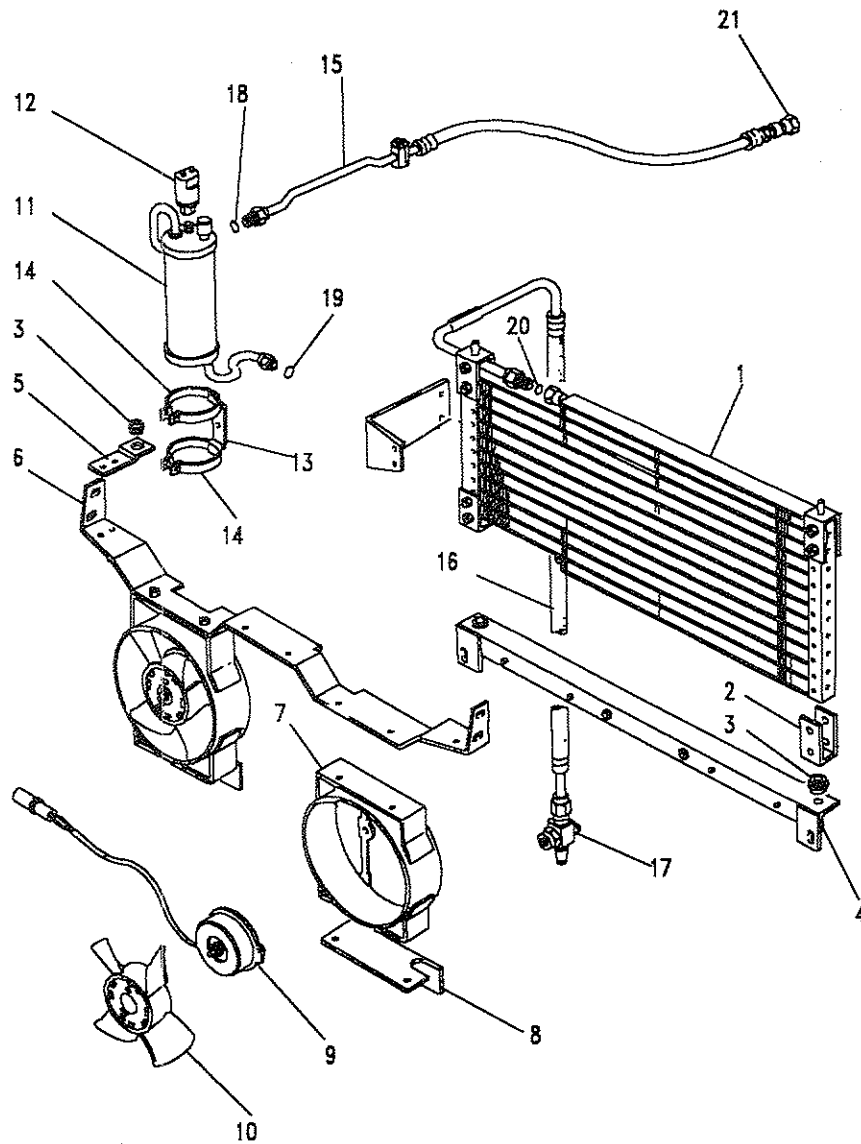


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HEATING SYSTEM - HEATER PIPES - 300TDI

| Ill. Part No.       | Description          | Qty | Remarks |
|---------------------|----------------------|-----|---------|
| <b>RHS</b>          |                      |     |         |
| 1 BTR6165           | Hose heater inlet    | 1   |         |
| 2 BTR6164           | Hose heater return   | 1   |         |
| <b>LHS</b>          |                      |     |         |
| 3 BTR8396           | Hose heater inlet    | 1   |         |
| 4 BTR8395           | Hose heater return   | 1   |         |
| <b>All variants</b> |                      |     |         |
| 5 CN100258L         | Clip hose            | 4   |         |
| 6 ERR4531           | Pipe assembly return | 1   |         |
| 7 NRC8332           | Cable clip           | 1   |         |





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### AIR CONDITIONING - CONDENSER - RHD/LHD

| III. Part No.                                  | Description          | Qty | Remarks    |
|------------------------------------------------|----------------------|-----|------------|
| <b>TDI CFC free</b>                            |                      |     |            |
| 1 AWR2335                                      | Condenser            |     |            |
| <b>Petrol &amp; None Turbo diesel CFC free</b> |                      |     |            |
| AWR1178                                        | Condenser            | 1   |            |
| <b>Petrol &amp; None Turbo diesel</b>          |                      |     |            |
| 1 RTC7416                                      | Condenser            | 1   |            |
| 2 RTC7417                                      | Bracket support      | 4   |            |
| 3 RTC7418                                      | Grommet              | 4   |            |
| 4 RTC7419                                      | Bracket mounting     | 1   | Lower      |
| 5 RTC7420                                      | Bracket pilot        | 2   |            |
| 6 RTC7421                                      | Bracket mounting     | 1   | Upper      |
| 7 RTC7422                                      | Shroud fan           | 2   |            |
| 8 RTC7423                                      | Bracket support      | 2   |            |
| 9 RTC7424                                      | Motor fan            | 2   |            |
| 10 RTC7425                                     | Fan blade            | 2   |            |
| 11 RTC7426                                     | Receiver drier       | 1   |            |
| 12 AEU3068                                     | Switch high pressure | 1   |            |
| 13 RTC7427                                     | Bracket support      | 1   |            |
| 14 RTC7428                                     | Clamp                | 2   |            |
| 15 RTC7429                                     | Hose assembly        | 1   |            |
| 16 RTC7430                                     | Hose discharge       | 1   |            |
| 17 AEU3067                                     | Valve discharge      | 1   |            |
| 18 AEU3056                                     | O ring               | 1   |            |
| 19 AEU1626                                     | O ring               | 2   | 0.3125 dia |
| 20 AEU1627                                     | O ring               | 2   | 0.4060 dia |
| 21 MTC8500                                     | Coupling             | 1   |            |

**Model** DEFENDER 90

**Page** ADLXMA1A

### AIR CONDITIONING - EVAPORATOR ASSEMBLY - RHS

| III. Part No. | Description | Qty | Remarks |
|---------------|-------------|-----|---------|
|---------------|-------------|-----|---------|

**Petrol & Non Turbo Diesel RHS (CFC free)**

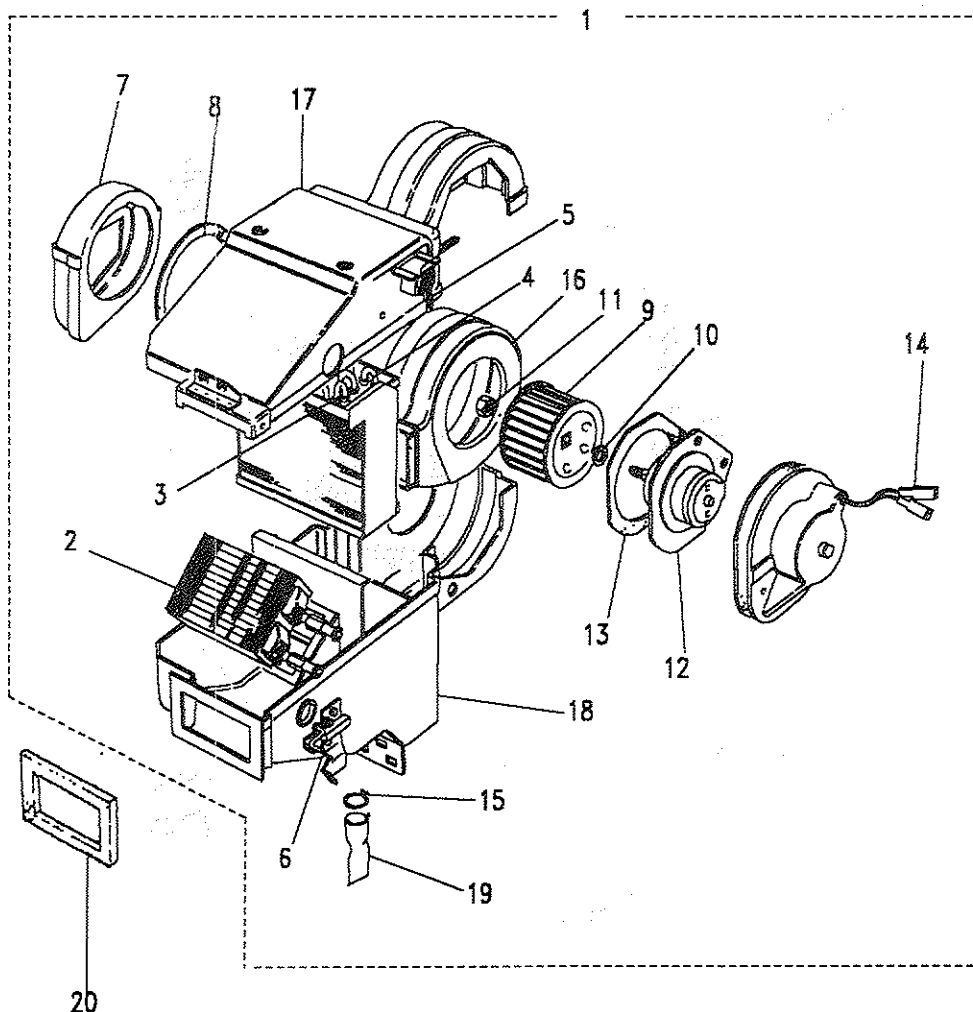
|           |            |   |  |
|-----------|------------|---|--|
| 1 AWR1168 | Evaporator | 1 |  |
|-----------|------------|---|--|

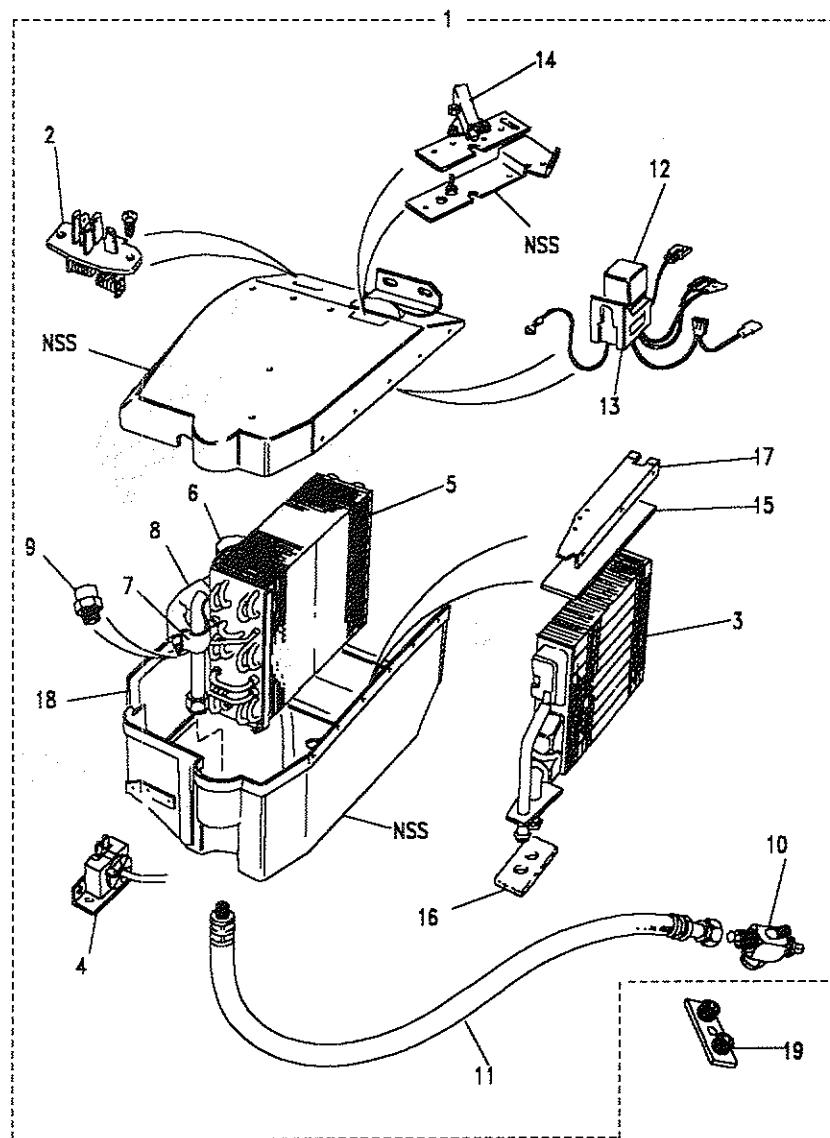
**TDI RHS (CFC free) 134a gas**

|         |            |   |  |
|---------|------------|---|--|
| AWR1249 | Evaporator | 1 |  |
|---------|------------|---|--|

**All variants CFC R12gas**

|         |                        |   |  |
|---------|------------------------|---|--|
| MUC1663 | Evaporator assembly    | 1 |  |
| MUC6050 | Core heater            | 1 |  |
| MUC6037 | Valve expansion        | 1 |  |
| MUC6038 | Tube extension         | 1 |  |
| MUC6042 | Thermostat             | 1 |  |
| MUC4375 | Switch vacuum          | 1 |  |
| MUC1682 | Adaptor                | 1 |  |
| MUC6040 | Seal                   | 1 |  |
| MUC6053 | Wheel blower motor     | 1 |  |
| MUC6054 | Spacer                 | 1 |  |
| MUC6055 | Lock nut               | 1 |  |
| MUC1675 | Motor blower           | 1 |  |
| MUC6052 | Seal                   | 1 |  |
| MUC6056 | Harness blower         | 1 |  |
| RTC7470 | Clamp                  | 1 |  |
| STC760  | Housing blower motor   | 1 |  |
| STC761  | Cover top evaporator   | 1 |  |
| STC762  | Cover rotor evaporator | 1 |  |
| STC948  | Evaporator tube        | 1 |  |
| MUC4860 | Seal                   | 1 |  |





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### AIR CONDITIONING - HEATER/COOLER ASSEMBLY - LHS

| III. Part No. | Description              | Qty | Remarks |
|---------------|--------------------------|-----|---------|
| 1 RTC7588     | Heater/Cooler Assembly   | 1   |         |
| 2 RTC7456     | Resistor                 | 1   |         |
| 3 RTC7433     | Core heater              | 1   |         |
| 4 RTC7434     | Thermostat               | 1   |         |
| 5 RTC7436     | Evaporator               | 1   |         |
| AWR1177       | Evaporator(cfc free)     | 1   |         |
| AWR1242       | Evaporator(cfc free)     | 1   | TDI     |
| 6 AEU1213     | Valve expansion          | 1   |         |
| 7 AEU1214     | Clamp                    | 1   |         |
| 8 RTC7458     | Pipe assembly            | 1   |         |
| 9 RTC7457     | Coupling                 | 1   |         |
| 10 AEU3055    | Valve service            | 1   |         |
| 11 RTC7439    | Hose assembly            | 1   |         |
| 12 RTC7454    | Relay                    | 1   |         |
| 13 RTC7455    | Harness blower           | 1   |         |
| 14 RTC7414    | Switch vacuum            | 1   |         |
| 15 RTC7471    | Seal                     | 2   |         |
| 16 RTC7472    | Seal                     | 1   |         |
| 17 RTC7473    | Cover                    | 1   |         |
| 18 RTC7453    | Seal-to duct             | 1   |         |
| 19 MUC4358    | Adaptor R4 comp/rotolock | 1   |         |
| RTC7452       | Ring rotolock            | 2   |         |
| MUC1661       | Seal-to dash             | 1   |         |



DEFENDER 90

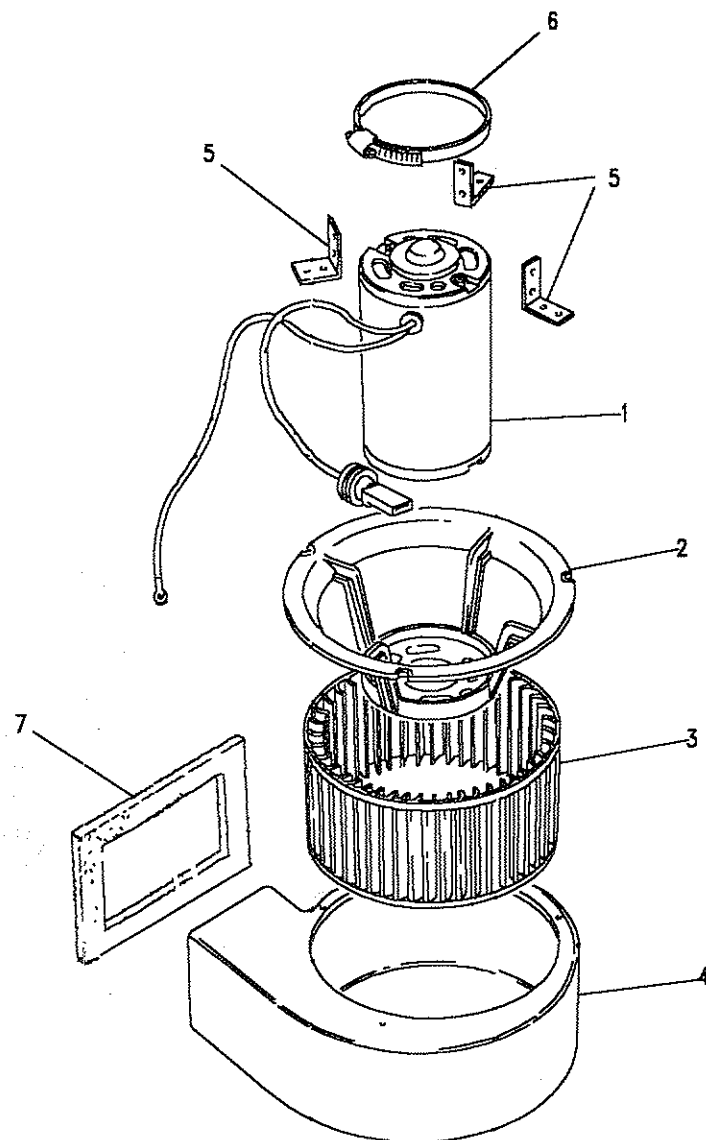
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COOLING/HEATING

Model DEFENDER 90  
Page ADLXMA3A

AIR CONDITIONING - HEATER/COOLER ASSEMBLY - LHS

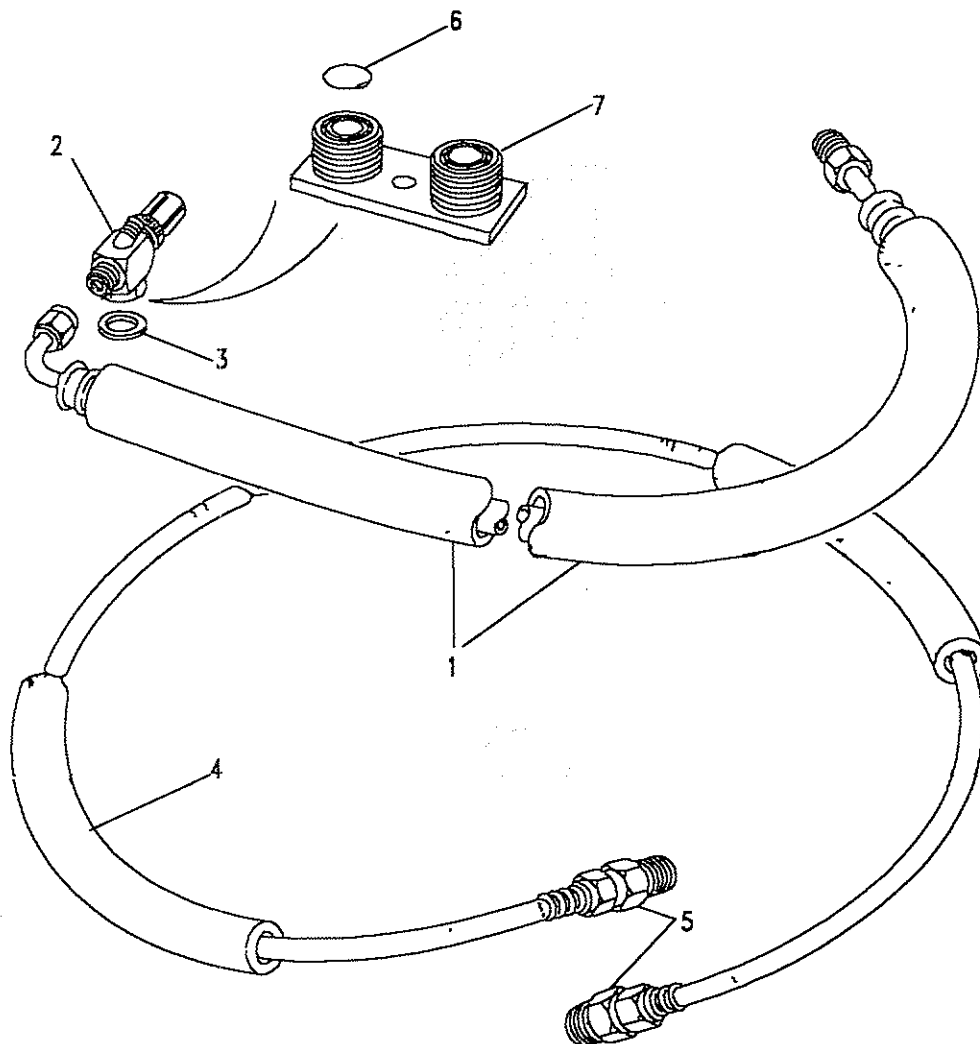
| III. Part No. | Description          | Qty | Remarks |
|---------------|----------------------|-----|---------|
| 1 RTC7440     | Motor blower         | 1   |         |
| 2 RTC7468     | Mounting motor       | 1   |         |
| 3 RTC7441     | Wheel blower motor   | 1   |         |
| 4 RTC7442     | Housing blower motor | 1   |         |
| 5 RTC7469     | Bracket support      | 3   |         |
| 6 RTC7470     | Clamp                | 1   |         |
| 7 RTC7446     | Seal-bulkhead        | 1   |         |
| RTC7474       | Seal-firewall        | 1   |         |



**Model** DEFENDER 90  
**Page** ADLXPA1A

### AIR CONDITIONING - FLUID SYSTEM - RHD

| III. Part No. | Description              | Qty | Remarks |
|---------------|--------------------------|-----|---------|
| AWR2473       | Hose vacuum              | 1   |         |
| 1 MUC4875     | Hose suction             | 1   |         |
| 2 AEU3055     | Valve service            | 1   |         |
| 3 MUC4874     | Seal                     | 1   |         |
| 4 MUC4872     | Hose liquid              | 1   |         |
| 5 RTC7457     | Fitting aeroquip         | 2   |         |
| 6 RTC7452     | Ring-Rotolock            | 2   |         |
| 7 MUC4358     | Adaptor-R4 comp/rotolock | 1   |         |
| AEU1628       | O ring                   | 2   |         |
| AEU1626       | O ring                   | 1   |         |
| AEU1627       | O ring                   | 1   |         |
| AEU3056       | O ring                   | 3   |         |





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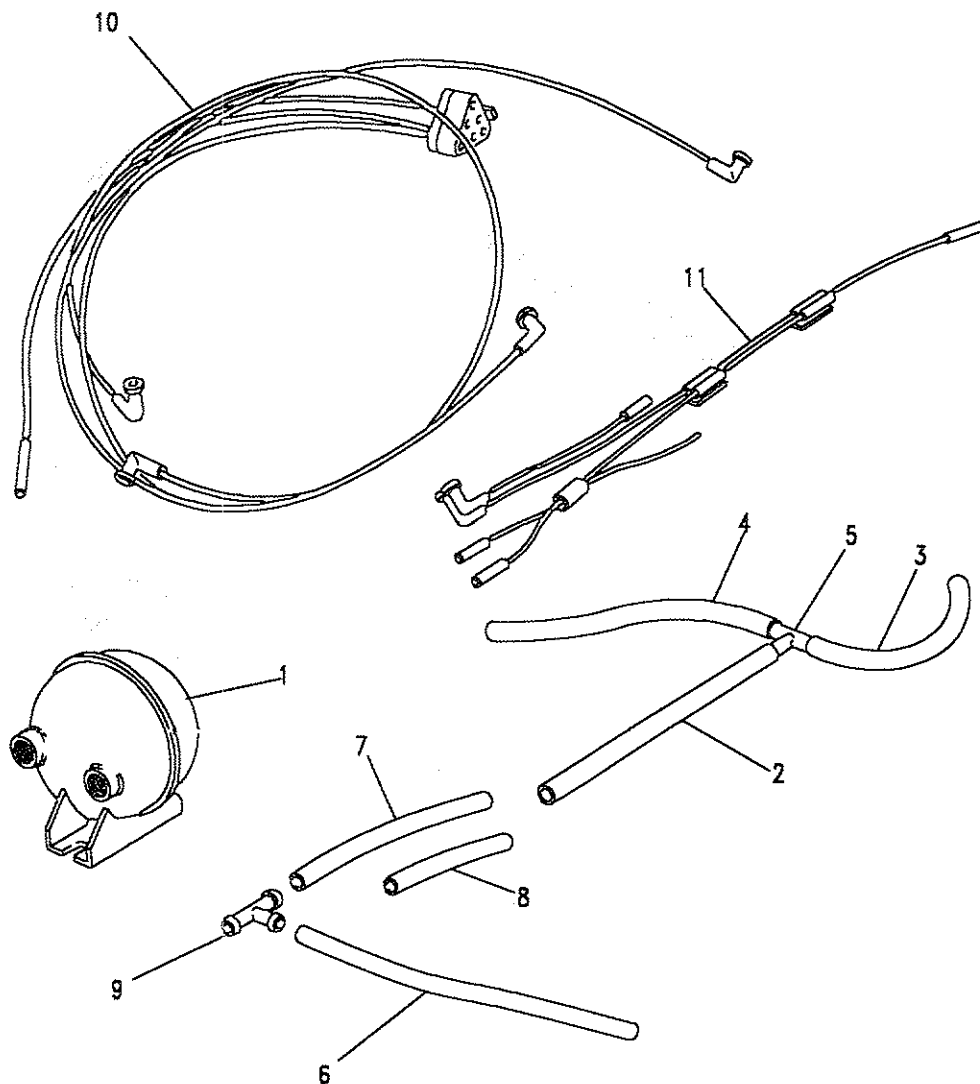
COOLING/HEATING

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AIR CONDITIONING - VACUUM PIPES & RESERVOIR - RHD/LHD

| III. Part No. | Description    | Qty | Remarks         |
|---------------|----------------|-----|-----------------|
| 1 MUC1679     | Tank vacuum    | 1   |                 |
| 2 MUC4878     | Hose vacuum    | 1   | 30" x 0.109375" |
| 3             | Hose vacuum    | 1   | 5" - Note(1)    |
| 4             | Hose vacuum    | 1   | 20" - Note(1)   |
| 5 MUC4455     | Tee piece      | 2   |                 |
| 6 MUC4866     | Hose vacuum    | 1   | 10" x 0.21875"  |
| 7             | Hose vacuum    | 1   | 10" - Note(1)   |
| 8             | Hose vacuum    | 1   | 1" - Note(1)    |
| 9 MUC4865     | Tee piece      | 1   |                 |
| 10 MUC1671    | Harness vacuum | 1   |                 |
| STC1569       | Pipe vacuum    | 1   |                 |
| 11 MUC4871    | Harness vacuum | 1   |                 |
| STC1569       | Pipe vacuum    | 1   |                 |
| ATU1041       | Clamp hose     | 8   |                 |

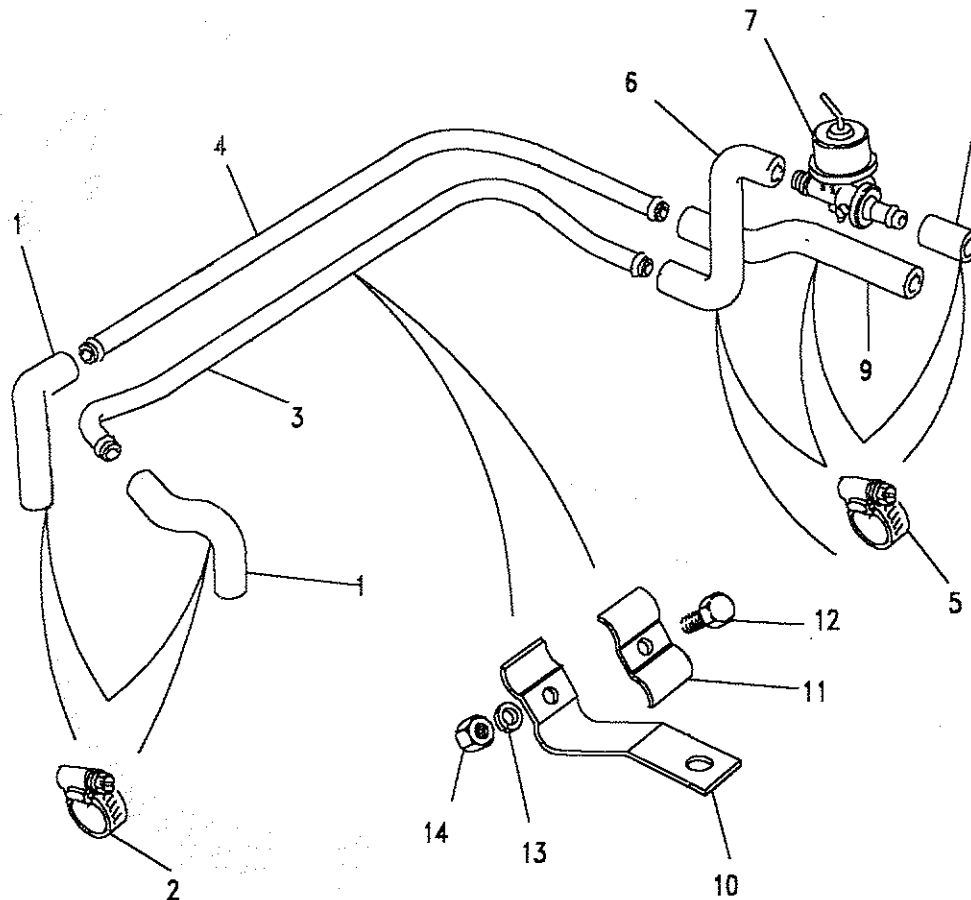
Note(1) Use MUC4878 = 30" x 0.109375"



**Model** DEFENDER 90  
**Page** ADLXPC1A

### AIR CONDITIONING - HEATER PIPES - 4 CYLINDER - RHS

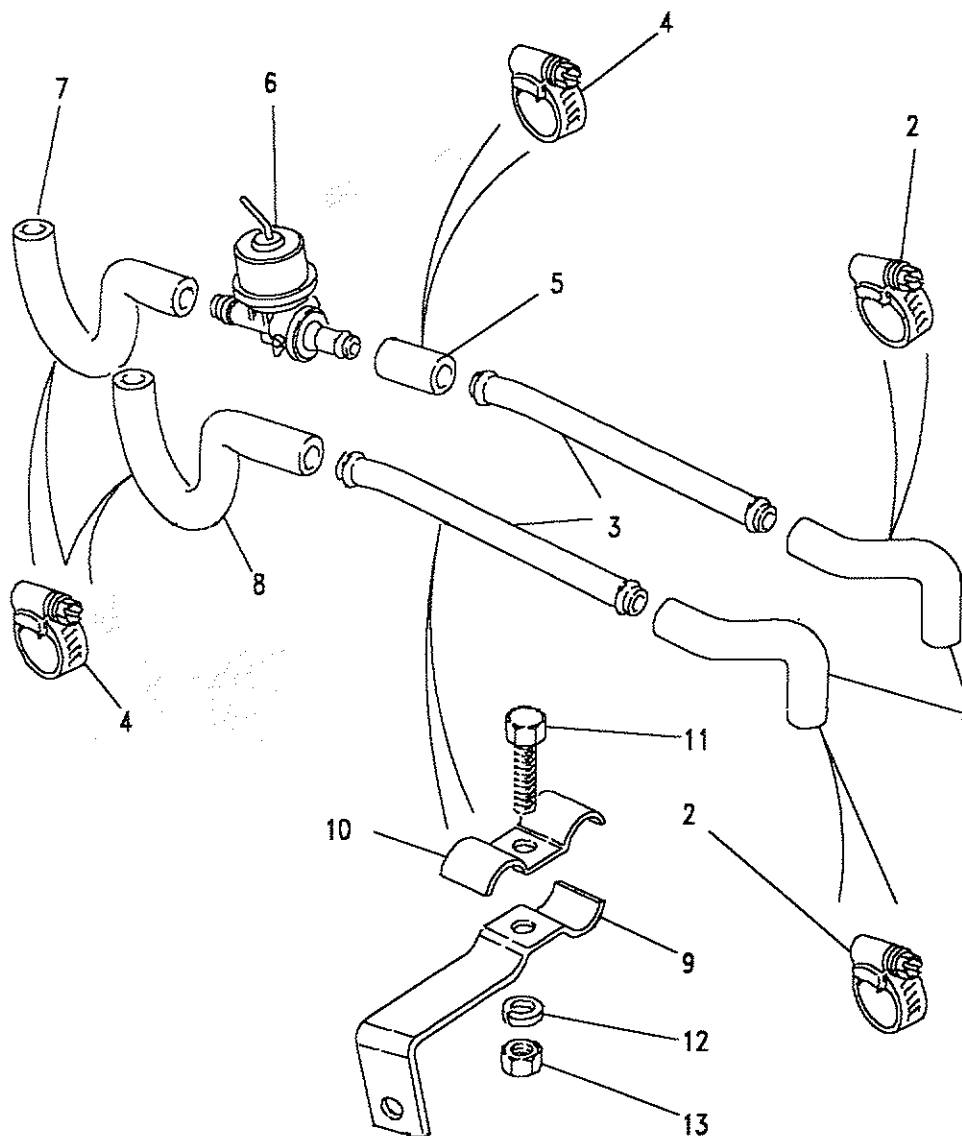
| III. Part No. | Description          | Qty | Remarks      |
|---------------|----------------------|-----|--------------|
| 1 NRC6306     | Hose heater          | 2   |              |
| 2 CN100308L   | Clip hose            | 2   |              |
| 3 NRC6307     | Pipe heater-feed     | 1   |              |
| 4 NRC6420     | Pipe heater-return   | 1   |              |
| 5 CN100258L   | Clip hose            | 8   |              |
| 6 BTR213      | Hose engine to valve | 1   | UptoMA939975 |
| BTR9400       | Hose engine to valve | 1   | FromMA939976 |
| 7 NRC8346     | Valve water control  | 1   |              |
| 8 ERC3964     | Hose valve to heater | 1   | UptoMA939975 |
| BTR9401       | Hose valve to heater | 1   | FromMA939976 |
| 9 BTR214      | Hose heater-return   | 1   | UptoMA939975 |
| BTR9402       | Hose heater return   | 1   | FromMA939976 |
| 10 NRC6417    | Clip retaining       | 1   | Petrol       |
| NRC6418       | Clip retaining       | 1   | Diesel       |
| 11 NRC6419    | Clamp pipe           | 1   |              |
| 12 SH106251L  | Screw                | 1   |              |
| 13 WL106001L  | Washer spring        | 1   |              |
| 14 NH106041L  | Nut                  | 1   |              |
| 15 ESR3301    | Strap retaining      | 1   |              |



**Model** DEFENDER 90  
**Page** ADLXPC2A

### AIR CONDITIONING - HEATER PIPES - 4 CYLINDER - LHS

| III. Part No. | Description | Qty | Remarks             |
|---------------|-------------|-----|---------------------|
| 1             | NRC6306     | 2   | Hose heater         |
| 2             | CN100258L   | 4   | Clip hose           |
| 3             | NRC8245     | 2   | Pipe heater         |
| 4             | CN100258L   | 6   | Clip hose           |
| 5             | ERC3964     | 1   | Hose heater-feed    |
| 6             | NRC8346     | 1   | Valve water control |
| 7             | NRC8347     | 1   | Hose heater-feed    |
| 8             | NRC8247     | 1   | Hose heater-return  |
| 9             | NRC8248     | 1   | Bracket mounting    |
| 10            | 594637      | 1   | Clamp pipe          |
| 11            | FS106201L   | 1   | Flange screw        |
| 12            | WL106001L   | 1   | Washer spring       |
| 13            | NH106041L   | 1   | Nut                 |
| 14            | ESR3301     | 1   | Strap retaining     |

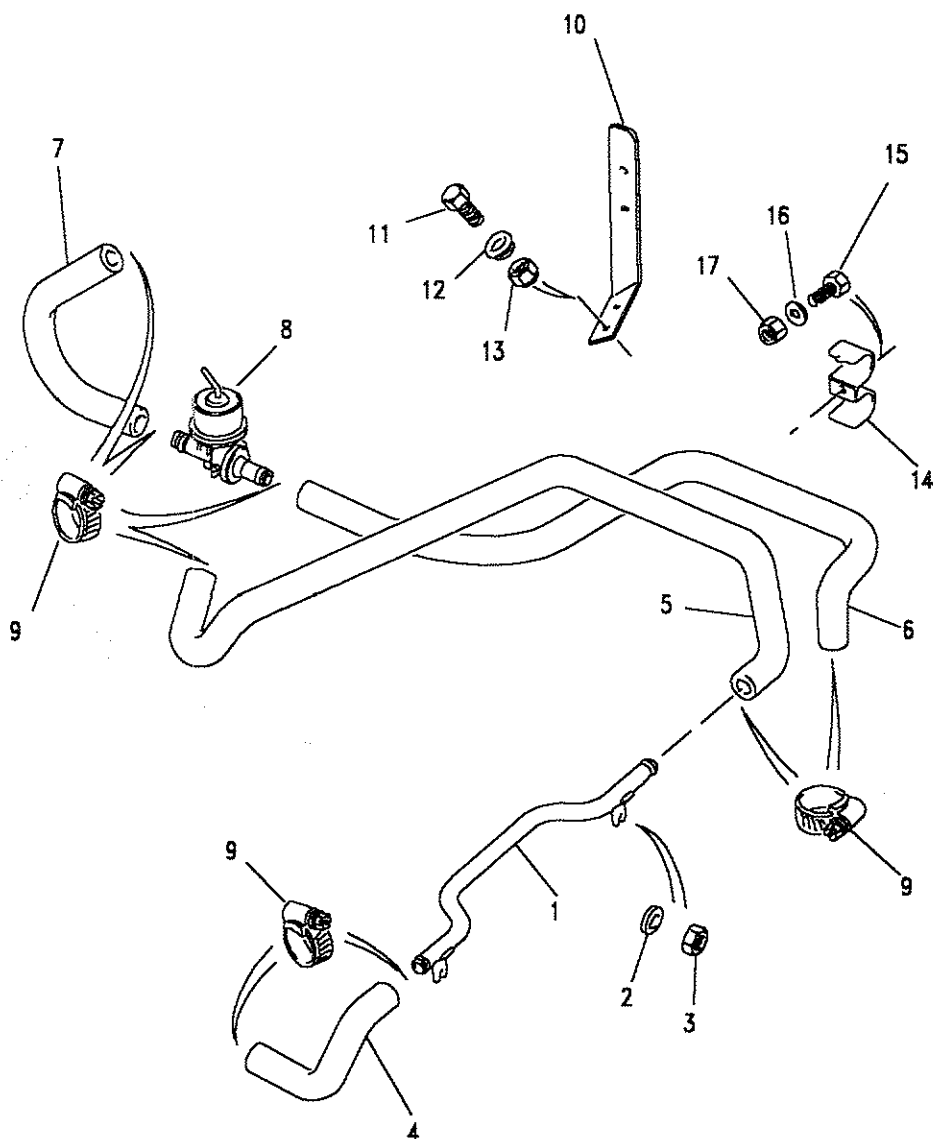




**Model** DEFENDER 90  
**Page** ADLXPC3A

### AIR CONDITIONING - HEATER PIPES - TDI - LHS

| III. Part No. | Description | Qty | Remarks                |
|---------------|-------------|-----|------------------------|
| 1             | ERR371      | 1   | Pipe heater            |
| 2             | WA110065    | 2   | Washer plain           |
| 3             | NT110041L   | 2   | Nut                    |
| 4             | ERR1436     | 1   | Hose heater-return     |
| 5             | BTR984      | 1   | Hose heater return     |
| 6             | AWR2334     | 1   | Hose heater return     |
| 7             | BTR985      | 1   | Hose - valve to heater |
| 8             | AWR2333     | 1   | Hose - valve to heater |
| 9             | BTR986      | 1   | Hose - engine to valve |
| 10            | AWR2332     | 1   | Hose - engine to valve |
| 11            | NRC8346     | 1   | Valve water control    |
| 12            | CN100258L   | 8   | Clip hose              |
| 13            | BTR987      | 1   | Bracket support        |
| 14            | SH105121L   | 2   | Screw                  |
| 15            | MRC9851     | 2   | Washer nylon           |
| 16            | NY105041L   | 2   | Nut                    |
| 17            | BTR988      | 2   | Clamp pipe             |
| 18            | SH105121L   | 2   | Screw                  |
| 19            | WA105001L   | 2   | Washer plain           |
| 20            | NY105041L   | 2   | Nut                    |
| 21            | ESR3301     | 1   | Strap retaining        |





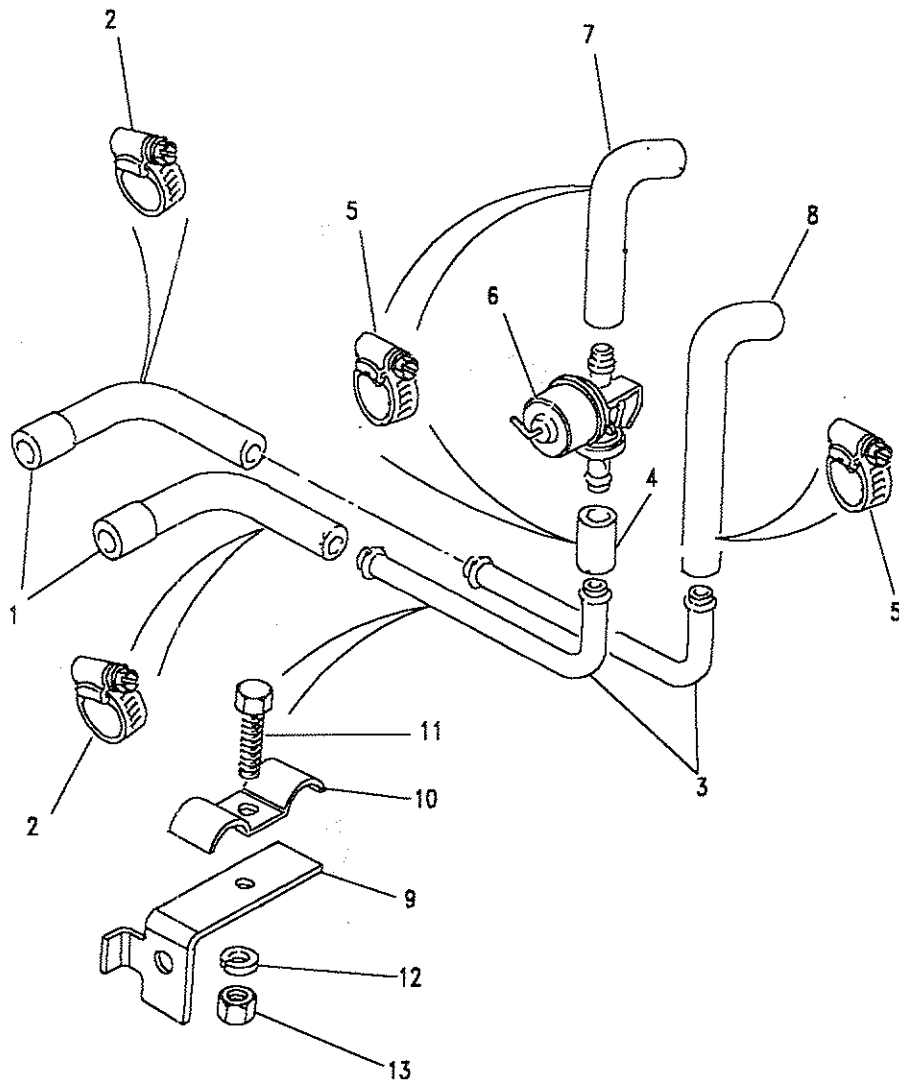
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COOLING/HEATING

Model DEFENDER 90  
Page ADLXPC4A

AIR CONDITIONING - HEATER PIPES - V8 - RHS



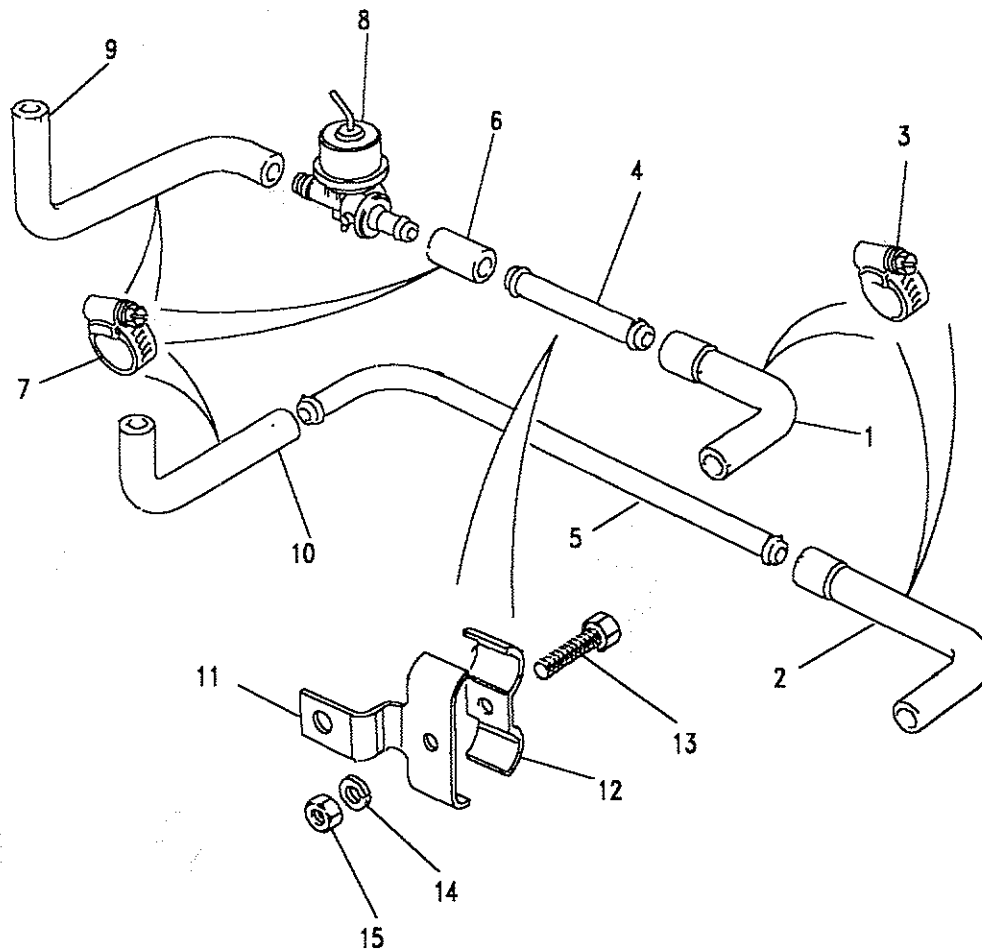
| III. Part No. | Description         | Qty | Remarks |
|---------------|---------------------|-----|---------|
| 1 NRC6314     | Hose heater         | 2   |         |
| 2 CN100308L   | Clip hose           | 4   |         |
| 3 NRC6902     | Pipe heater         | 2   |         |
| 4 ERC3964     | Hose heater-feed    | 1   |         |
| 5 CN100258L   | Clip hose           | 10  |         |
| 6 NRC8346     | Valve water control | 1   |         |
| 7 NTC1212     | Hose heater-feed    | 1   |         |
| 8 NRC6308     | Hose heater-return  | 1   |         |
| 9 NRC6903     | Bracket support     | 1   |         |
| 10 NRC6419    | Clamp pipe          | 1   |         |
| 11 SH106301L  | Screw               | 1   |         |
| 12 WL106001L  | Washer spring       | 1   |         |
| 13 NH106041L  | Nut                 | 1   |         |
| 14 ESR3301    | Strap retaining     | 1   |         |



**Model** DEFENDER 90  
**Page** ADLXPC5A

### AIR CONDITIONING - HEATER PIPES - V8 - LHS

| III. Part No. | Description | Qty | Remarks             |
|---------------|-------------|-----|---------------------|
| 1             | NRC9098     | 1   | Hose heater-feed    |
| 2             | NRC6353     | 1   | Hose heater-return  |
| 3             | CN100308L   | 4   | Clip hose           |
| 4             | NRC9091     | 1   | Pipe heater-feed    |
| 5             | NTC1090     | 1   | Pipe heater-return  |
| 6             | ERC3964     | 1   | Hose heater-feed    |
| 7             | CN100258L   | 7   | Clip hose           |
| 8             | NRC8346     | 1   | Valve water control |
| 9             | NTC1089     | 1   | Hose heater-feed    |
| 10            | NTC1088     | 1   | Hose heater-return  |
| 11            | NRC8620     | 1   | Bracket support     |
| 12            | 594637      | 1   | Clamp pipe          |
| 13            | SH106301L   | 1   | Screw               |
| 14            | WL106001L   | 1   | Washer spring       |
| 15            | NH106041L   | 1   | Nut                 |
| 16            | ESR3301     | 1   | Strap retaining     |





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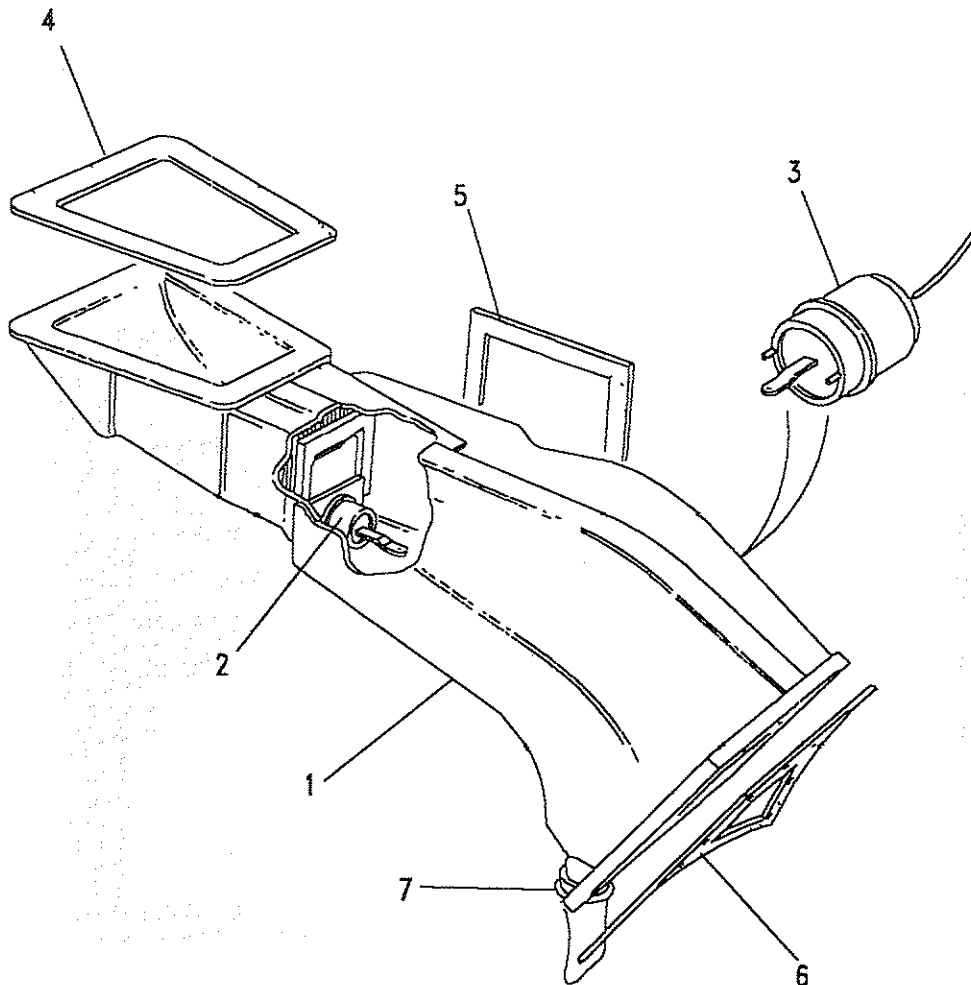
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COOLING/HEATING

Model DEFENDER 90  
Page ADLXRA1A

AIR CONDITIONING - FRESH AIR DUCT - RHD

| III. Part No. | Description               | Qty | Remarks       |
|---------------|---------------------------|-----|---------------|
| 1 MUC1668     | Duct air                  | 1   |               |
| 2 MUC4884     | Motor vacuum              | 1   |               |
| 3 RTC7467     | Motor vacuum              | 1   |               |
| 4 MUC4883     | Seal - duct to wing top   | 1   |               |
| 5 MUC4886     | Seal - duct to evaporator | 1   |               |
| 6 MUC4888     | Seal - air duct to dash   | 1   | Upto EA332911 |
| MWC4860       | Seal - air duct to dash   | 1   | From EA332912 |
| 7 RTC7470     | Clamp                     | 1   |               |





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## GROUP L

## COOLING/HEATING

## COOLING/HEATING

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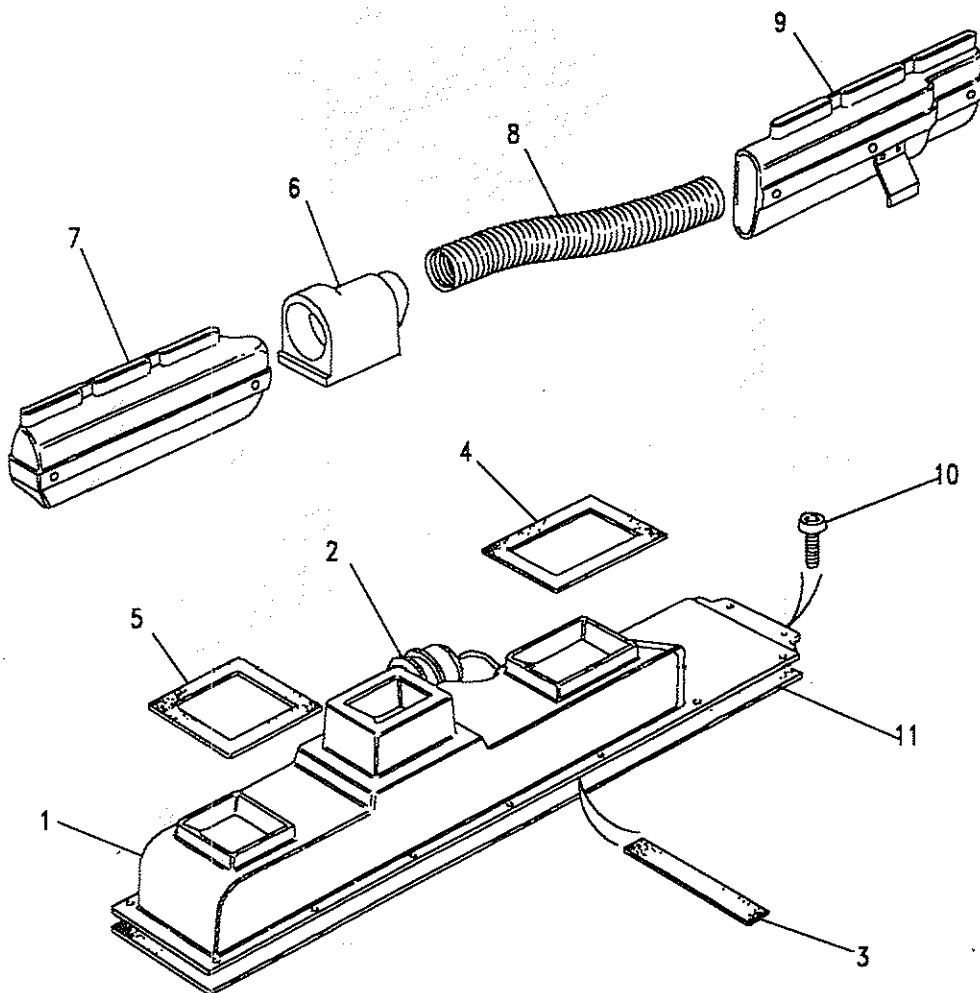




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AIR CONDITIONING - PLENUM & DEFROSTERS - RHS

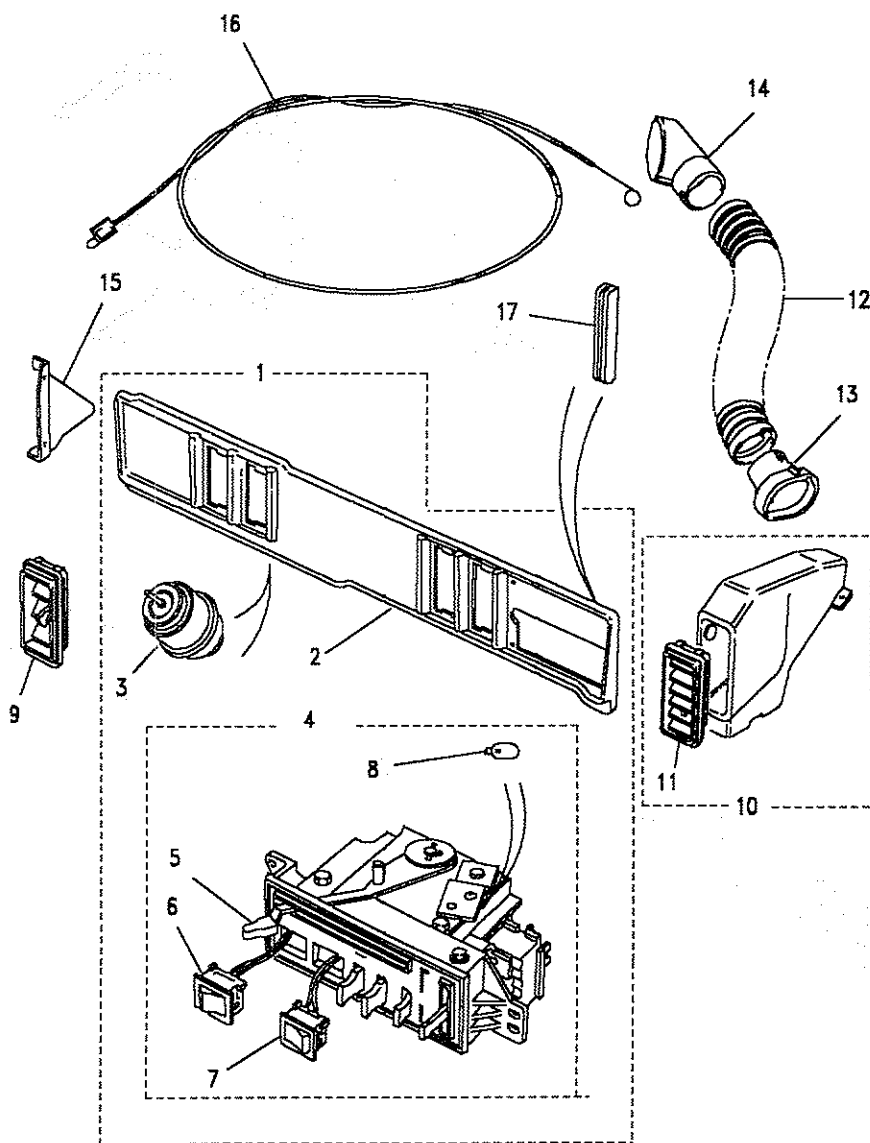
| III. Part No. | Description             | Qty | Remarks      |
|---------------|-------------------------|-----|--------------|
| 1 MUC1665     | Plenum chamber assembly | 1   |              |
| 2 AEU4002     | Motor vacuum            | 2   |              |
| 3 MUC6021     | Seal                    | 1   | NLS          |
| 4 MUC4882     | Seal RH                 | 1   |              |
| 5 MUC4881     | Seal LH                 | 1   |              |
| 6 MUC4891     | Adaptor                 | 1   |              |
| 7 MUC1673     | Duct LH                 | 1   |              |
| 8 MUC4892     | Hose                    | 1   |              |
| 9 MUC1674     | Duct RH                 | 1   | UptoMA939975 |
| AWR1247       | Duct RH                 | 1   | FromMA939976 |
| 10 AB606021L  | Screw                   | 22  |              |
| 11 MUC3695    | Pad insulation          | 1   |              |



**Model** DEFENDER 90  
**Page** AFLXRA3A

### AIR CONDITIONING - FACIA PANEL ASSEMBLY - RHS

| III. Part No. | Description           | Qty | Remarks       |
|---------------|-----------------------|-----|---------------|
| 1 MUC1667     | Facia assembly        | 1   |               |
| 2 MUC6001     | Panel                 | 1   | UptoMA939975  |
| AWR1245       | Panel                 | 1   | FromMA939976  |
| 3 AEU4002     | Motor vacuum          | 2   |               |
| 4 MUC1666     | Control assembly      | 1   | UptoMA939975  |
| AWR1666       | Control assembly      | 1   | FromMA939976  |
| 5 MUC6011     | Knob                  | 1   |               |
| 6 MUC6012     | Switch clutch         | 1   |               |
| 7 MUC6013     | Switch fresh air      | 1   |               |
| 8 573289      | Bulb                  | 1   |               |
| 9 MUC4880     | Louvre                | 4   |               |
| 10 MUC1669    | Duct assembly         | 1   |               |
| 11 RTC7411    | Louvre                | 1   |               |
| 12 MUC4895    | Hose - duct to plenum | 1   | Upto EA332911 |
| MXC3418       | Hose - duct to plenum | 1   | From EA332912 |
| 13 MXC3357    | Adaptor duct          | 1   | From EA332912 |
| 14 MXC3358    | Adaptor plenum        | 1   | From EA332912 |
| 15 MUC1670    | Finisher              | 1   |               |
| 16 MUC1680    | Cable control         | 1   |               |
| 17 RTC7465    | Finisher              | 1   |               |





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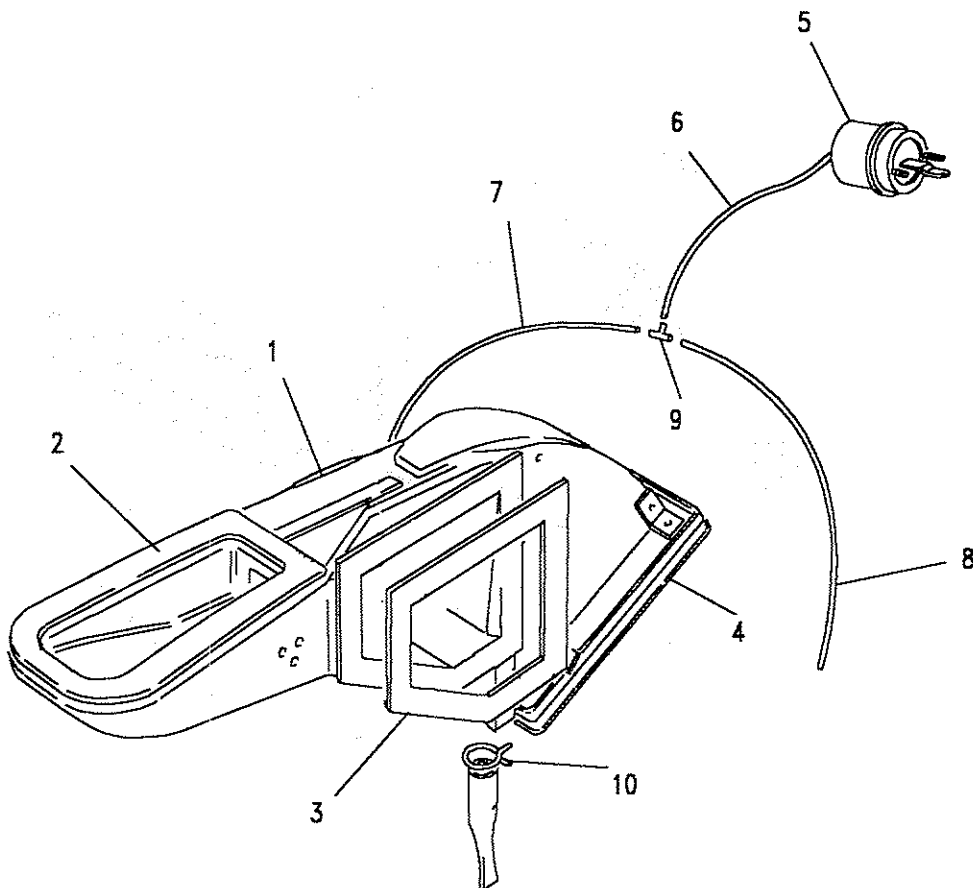
COOLING/HEATING

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AIR CONDITIONING - FRESH AIR DUCT - LHS

| III. Part No. | Description               | Qty | Remarks     |
|---------------|---------------------------|-----|-------------|
| 1 MTC5571     | Duct air                  | 1   |             |
| 2 RTC7461     | Seal - duct to wing top   | 1   |             |
| 3 RTC7460     | Seal - duct to evaporator | 1   |             |
| 4 RTC7459     | Seal - air duct to dash   | 1   |             |
| 5 AEU4002     | Motor vacuum              | 1   |             |
| 6             | Hose vacuum               | 1   | 5" Note(1)  |
| 7             | Hose vacuum               | 1   | 12" Note(1) |
| 8             | Hose vacuum               | 1   | 9" Note(1)  |
| 9 MUC4455     | Tee piece                 | 1   |             |
| 10 RTC7470    | Clamp                     | 1   |             |
| ATU1041       | Clamp hose                | 8   |             |

Note(1) Use MUC4878 = 30" x 0.109375"





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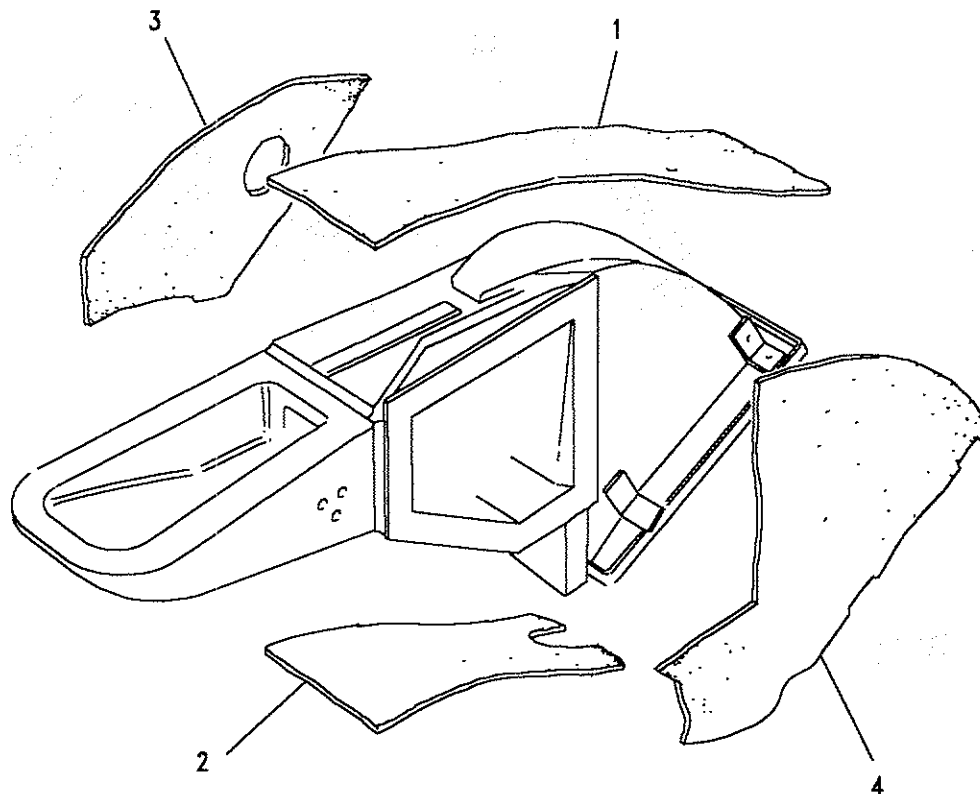
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COOLING/HEATING

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AIR CONDITIONING - AIR DUCT INSULATION - LHS

| III. Part No. | Description       | Qty | Remarks |
|---------------|-------------------|-----|---------|
| 1 MUC1657     | Insulation top    | 1   |         |
| 2 MUC1658     | Insulation bottom | 1   |         |
| 3 MUC1659     | Insulation outer  | 1   |         |
| 4 MUC1660     | Insulation inner  | 1   |         |





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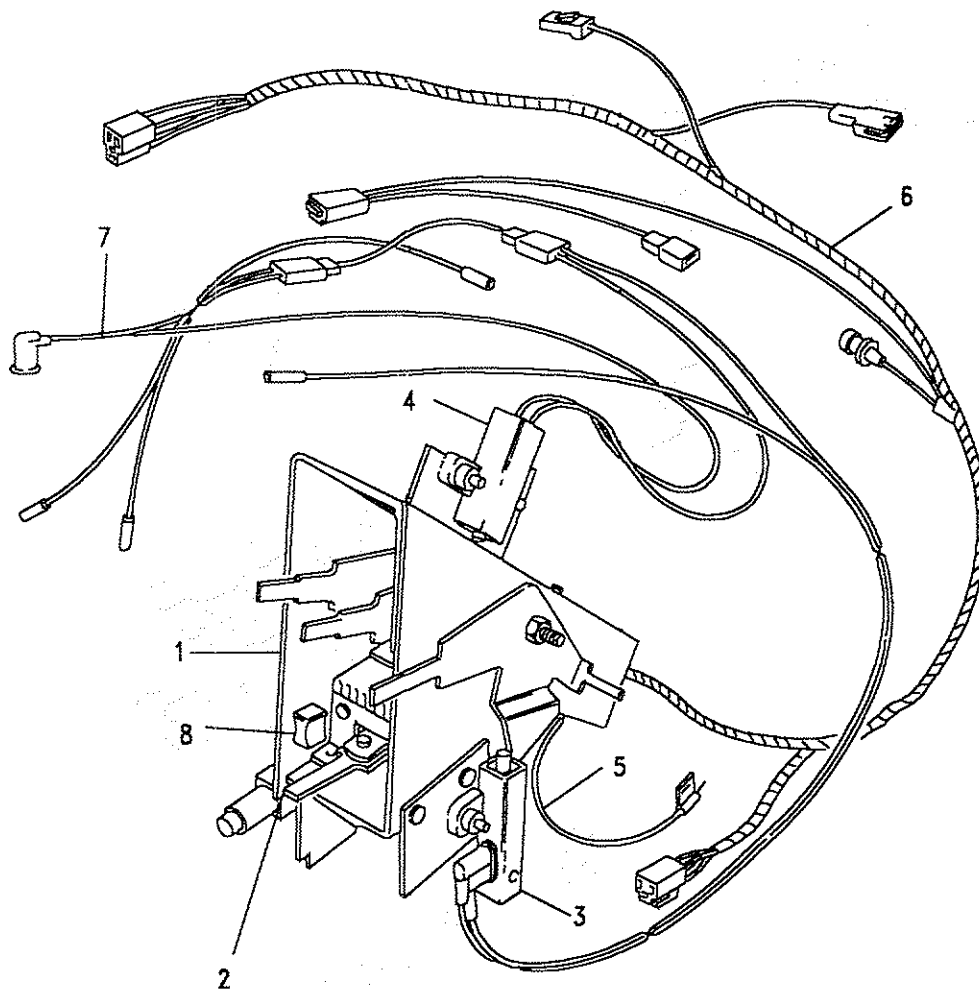
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COOLING/HEATING

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AIR CONDITIONING - HEATER CONTROLS - LHS

| III. Part No. | Description      | Qty | Remarks      |
|---------------|------------------|-----|--------------|
| 1 MTC5573     | Control heater   | 1   | UptoMA939976 |
| AWR1179       | Control heater   | 1   | FromMA939976 |
| 2 AEU1205     | Switch fan speed | 1   |              |
| 3 RTC7443     | Switch vacuum    | 1   |              |
| 4 RTC7451     | Switch vacuum    | 1   |              |
| 5 RTC7445     | Cable control    | 1   | Short        |
| 6 RTC7448     | Harness electric | 1   |              |
| 7 RTC7466     | Harness vacuum   | 1   |              |
| 8 AEU1198     | Knob             | 4   |              |

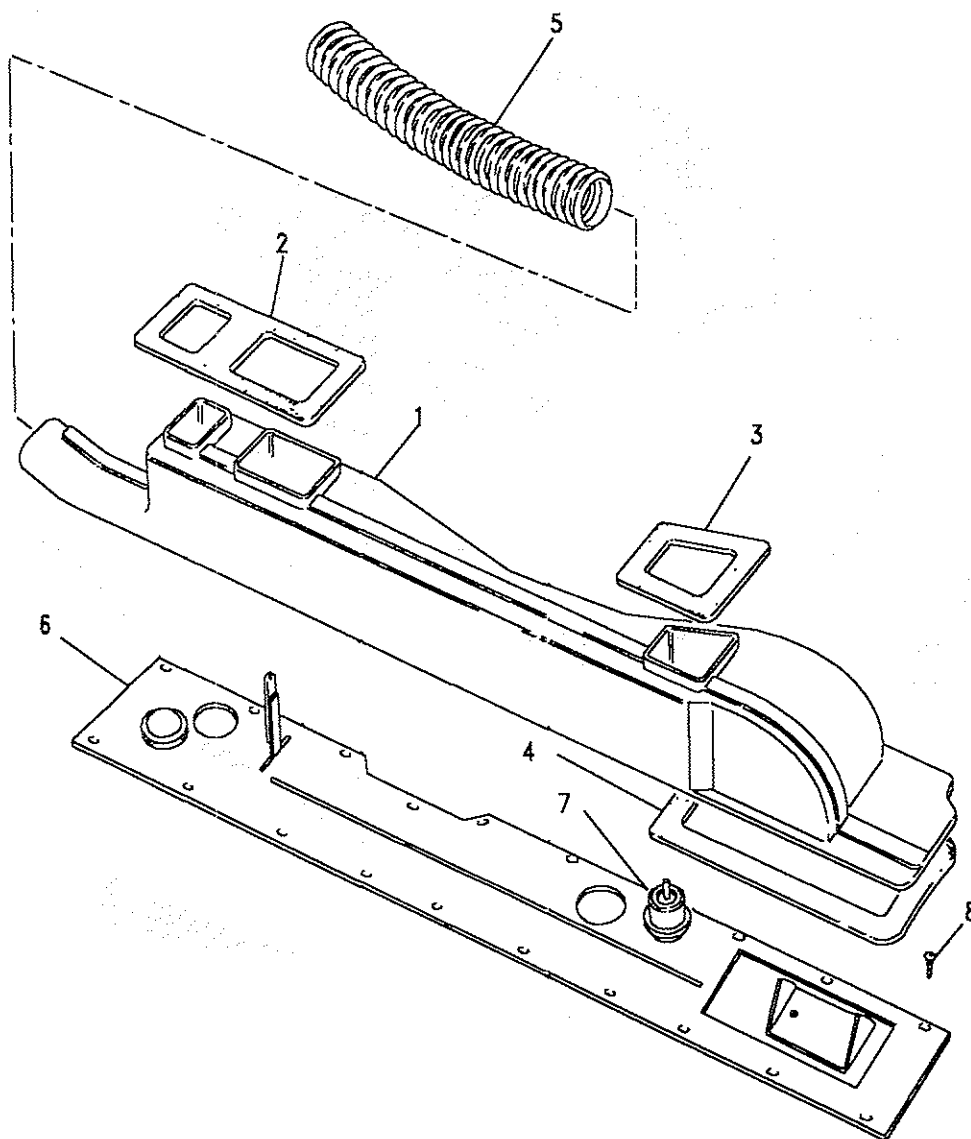


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### AIR CONDITIONING - PLENUM CHAMBER - LHS

| III. Part No. | Description             | Qty | Remarks      |
|---------------|-------------------------|-----|--------------|
| 1 RTC7408     | Plenum chamber assembly | 1   |              |
| AWR1174       | Plenum extension        | 1   | FromMA939976 |
| 2 RTC7462     | Seal outlet             | 1   |              |
| 3 RTC7463     | Seal outlet             | 1   |              |
| 4 RTC7464     | Seal inlet              | 1   |              |
| 5 RTC7409     | Hose                    | 1   |              |
| 6 RTC7415     | Panel closing           | 1   | UptoMA939975 |
| AWR1448       | Panel closing           | 1   | FromMA939976 |
| 7 AEU4002     | Motor vacuum            | 1   |              |
| 8 AB606021    | Screw                   | 22  |              |

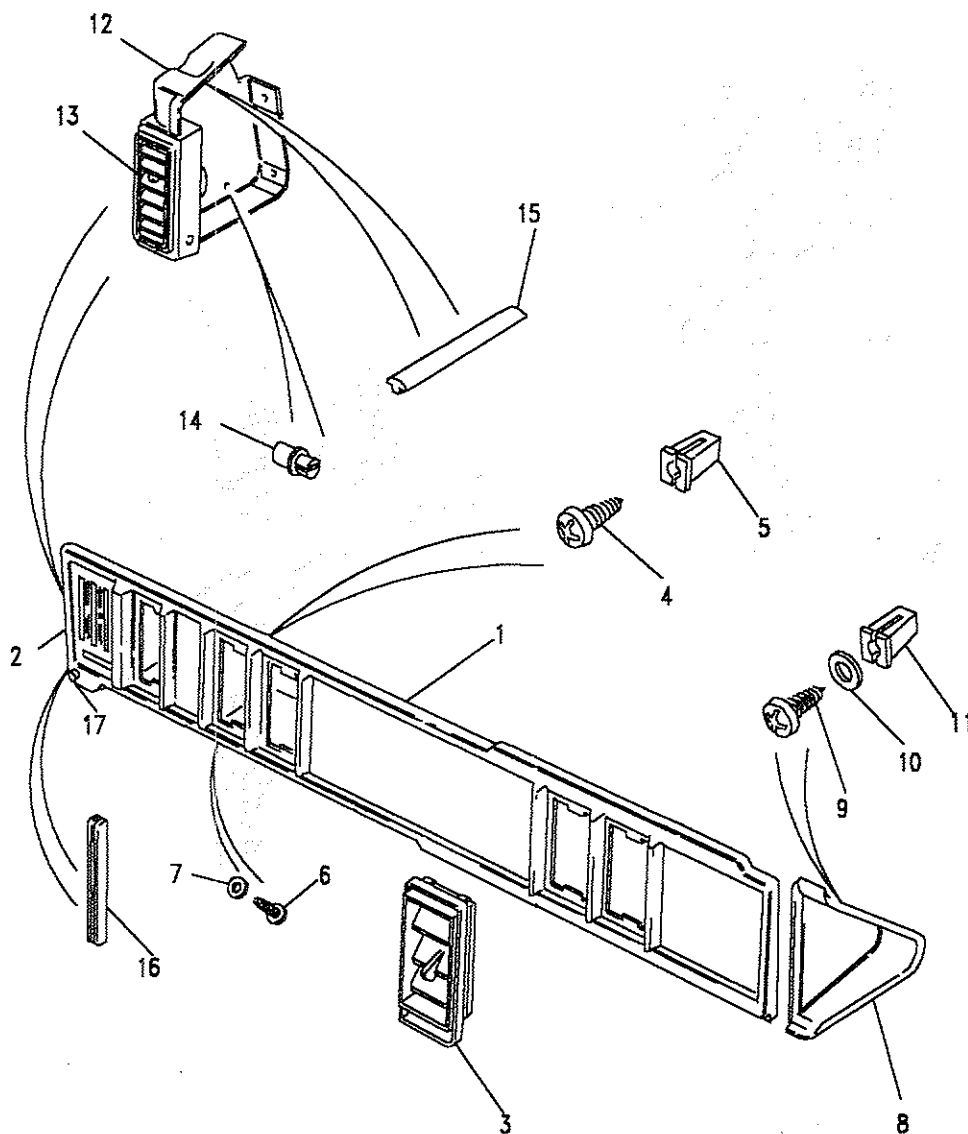
**Plenum chamber to toe box**  
 367078  
 Spacer  
 A/R



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### AIR CONDITIONING - FACIA PANEL - LHS

| III. Part No.                    | Description | Qty | Remarks            |
|----------------------------------|-------------|-----|--------------------|
| 1                                | RTC7450     | 1   | Facia assembly     |
| 2                                | AEU4000     | 1   | Plate instruction  |
| 3                                | AEU4001     | 5   | Louvre             |
|                                  | AWR1169     | 5   | Louvre             |
| <b>Facia to front plate</b>      |             |     |                    |
| 4                                | AC608065    | 2   | Screw              |
| 5                                | ACU5431     | 2   | Nut lokut          |
| 6                                | AB608051    | 2   | Screw              |
| 7                                | WC105001    | 2   | Washer plain       |
| <b>Facia panel end finishers</b> |             |     |                    |
| 8                                | MTC5581     | 1   | Finisher           |
| 9                                | AW606124    | 1   | Screw              |
| 10                               | WA104004    | 1   | Washer plain       |
| 11                               | ACU5431     | 1   | Nut lokut          |
| 12                               | RTC7410     | 1   | Finisher assembly  |
|                                  | AWR1170     | 1   | Finisher assembly  |
| 13                               | RTC7411     | 1   | Louvre             |
| 14                               | 79086       | 1   | Rivet lokut        |
| 15                               | MTC7516     | 1   | Finisher           |
| 16                               | RTC7465     | 1   | Finisher           |
| 17                               | RTC7412     | 1   | Switch illuminated |
|                                  | RTC7413     | 1   | Bulb               |



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### AIR CONDITIONING - DEMISTER AND FLAPS

| III. Part No.               | Description           | Qty | Remarks                          |
|-----------------------------|-----------------------|-----|----------------------------------|
| 1 NRC9668                   | Nozzle RH             | 1   | LHS                              |
| MXC3188                     | Nozzle RH             | 1   | 200Tdi LHS<br>Upto JA906639      |
| BTR1600                     | Nozzle RH             | 1   | 200Tdi LHS<br>From JA906640      |
| 1 NRC9669                   | Nozzle LH             | 1   | LHS                              |
| MXC3189                     | Nozzle LH             | 1   | 200Tdi LHS<br>Upto JA906639      |
| BTR1599                     | Nozzle LH             | 1   | 200Tdi LHS<br>From JA906640      |
| 2 AB608047L                 | Screw                 | 2   | LHS                              |
| 3 WA105001                  | Washer plain          | 2   | LHS                              |
| <b>Fixings - 200Tdi LHS</b> |                       |     |                                  |
| AB608054L                   | Screw                 | 4   |                                  |
| RTC3745                     | Nut lokut             | 1   | RH nozzle                        |
| AK608021                    | Nut spring            | 1   | RH nozzle                        |
| 4 MRC7279                   | Flexible Tube         | 2   | LHS                              |
| 5 MRC7281                   | Grommet               | 2   | LHS                              |
| 6 MUC1139                   | Outlet flaps assy LHS | 1   | Upto HA905497<br>NLA use BTR1347 |
| BTR1347                     | Outlet flaps assy LHS | 1   | From HA905498                    |
| MUC3278                     | Outlet flaps assy RHS | 1   | Upto JA908189<br>NLA use BTR1348 |
| BTR1348                     | Outlet flaps assy RHS | 1   | From JA908190                    |
| 7 MTC5578                   | Actuating bar         | 1   |                                  |
| 8 346796                    | Spring                | 2   |                                  |
| 9 395829                    | Grille outlet RH      | 1   |                                  |
| 395830                      | Grille outlet LH      | 1   |                                  |
| 10 MRC1525                  | Screw                 | 4   |                                  |

