

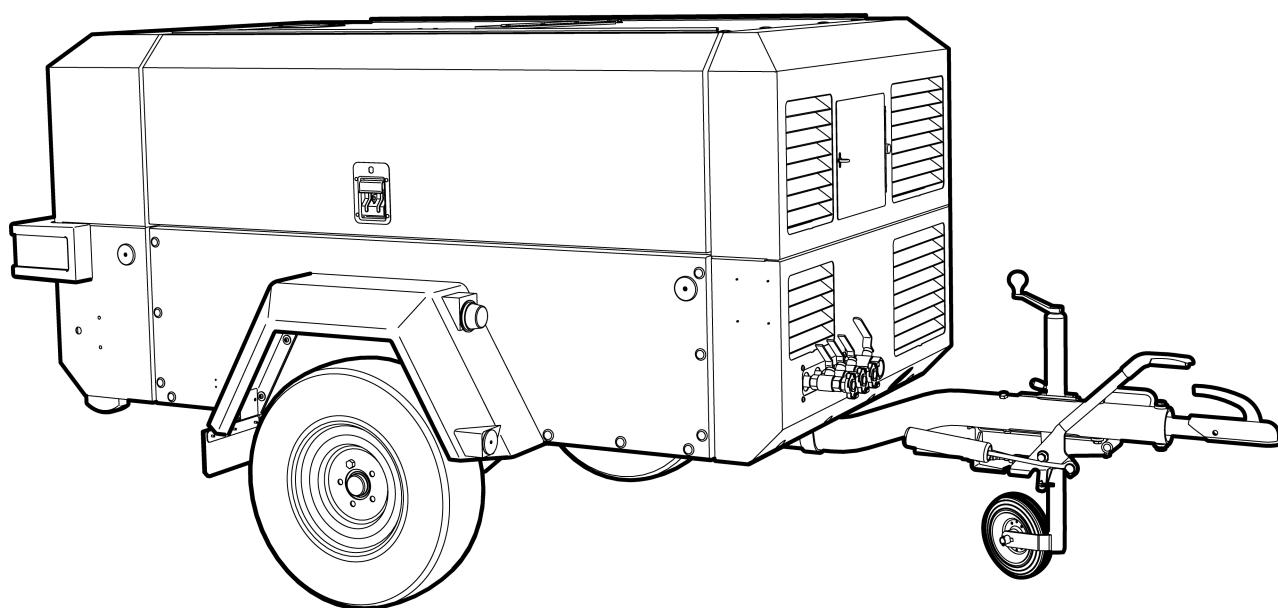


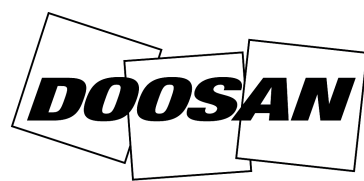
## Portable Power

**7/73, 10/53**

**PARTS MANUAL**

**SERIAL No : 543500 -> 543999**





**Portable Power**

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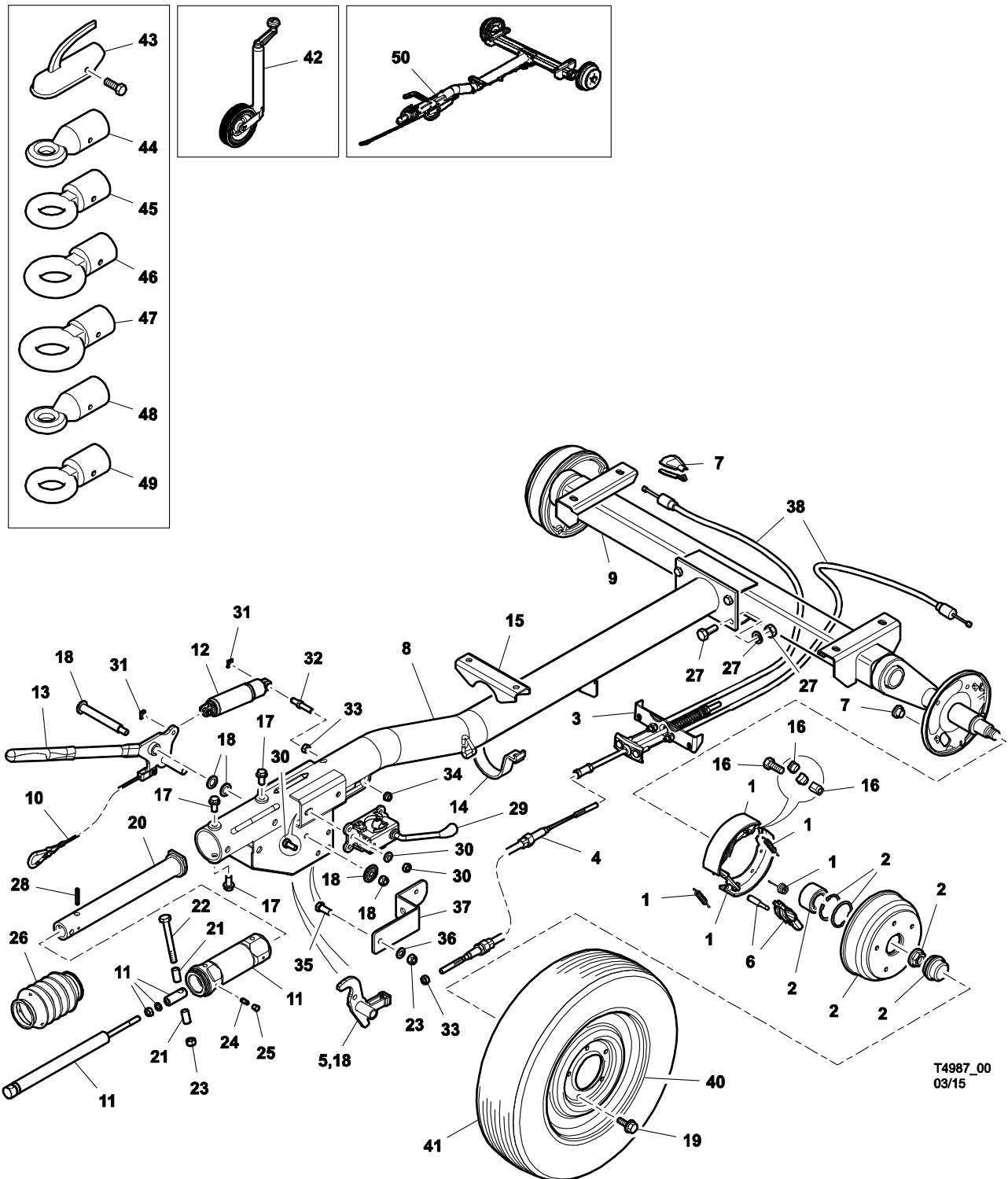
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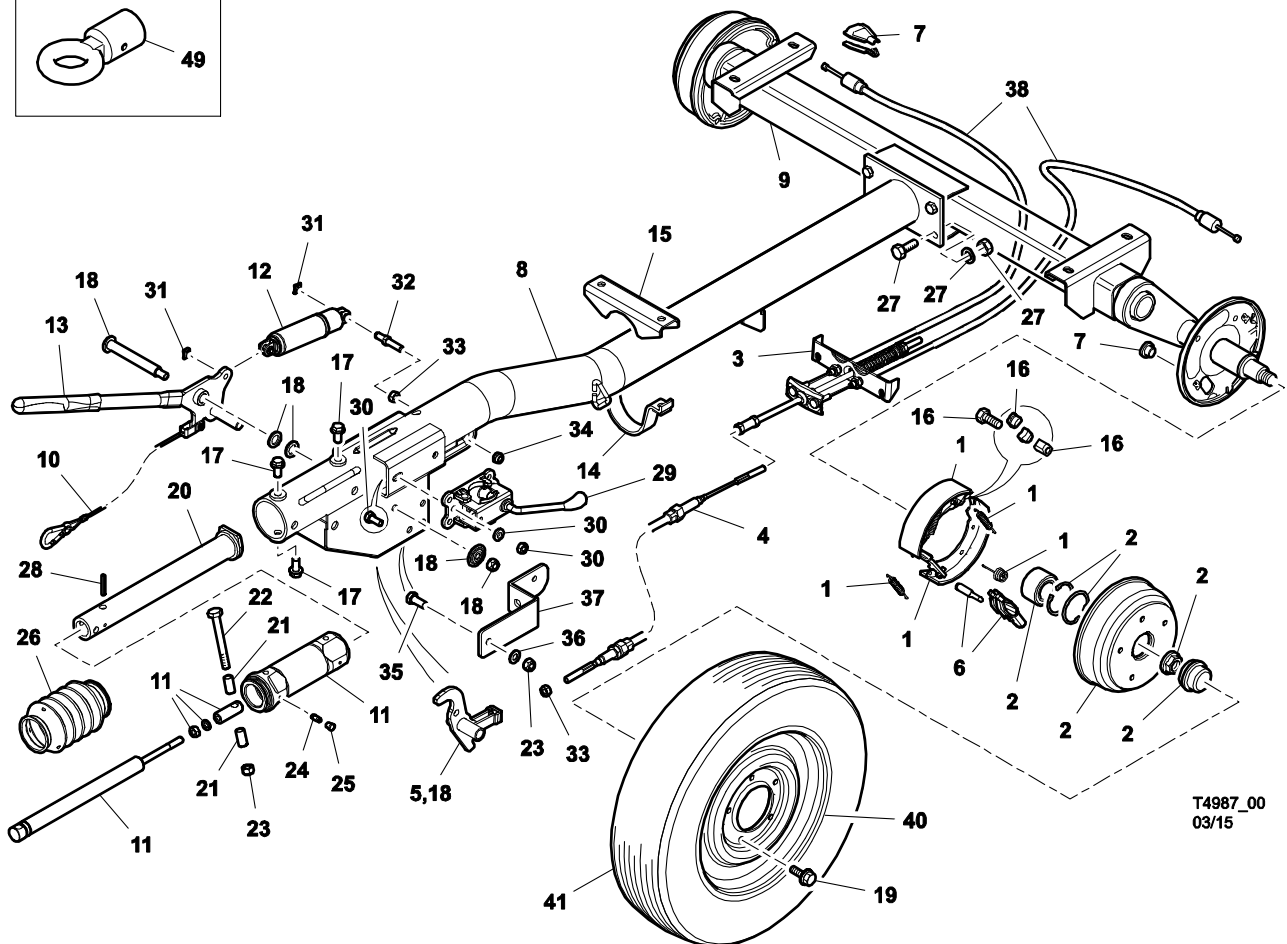
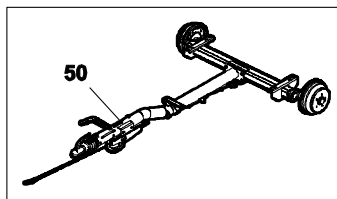
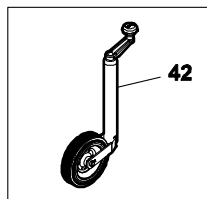
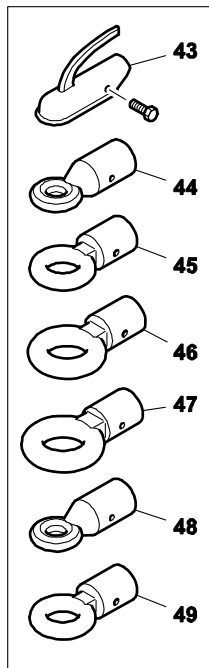
## **RUNNING GEAR** **(fixed height braked)**



**RUNNING GEAR**  
**(fixed height braked)**

| Item | Part Number | Description               | Remarks                     | Serial Number | Qty |
|------|-------------|---------------------------|-----------------------------|---------------|-----|
| 1    | 80029218    | BRAKE SHOE PACK           | (order one per machine)     |               | 1   |
| 2    | 46677013    | DRUM ASSEMBLY COMPLETE    | (order two per machine)     |               | 1   |
| 3    | 46677014    | BRAKE ROD ASSEMBLY        |                             |               | 1   |
| 4    | 18034124    | CABLE                     |                             |               | 1   |
| 5    | 46676995    | LEVER ASSEMBLY            |                             |               | 1   |
| 6    | 80029218    | KIT, EXPANDING KEY        | (order one kit per machine) |               | 1   |
| 7    | 46656681    | CABLE COVER ASSEMBLY      | (order two per machine)     |               | 2   |
| 8    | 22444368    | DRAWBAR ASSEMBLY          |                             |               | 1   |
| 9    | 22241467    | AXLE TUBE ASSEMBLY        |                             |               | 1   |
| 10   | 22051841    | CABLE                     |                             |               | 1   |
| 11   | 46550548    | KIT, DAMPER               |                             |               | 1   |
| 12   | 46517454    | PISTON                    |                             |               | 1   |
| 13   | 46677015    | HAND BRAKE LEVER ASSEMBLY | W/Ref. 10                   |               | 1   |
| 14   | 46677007    | CLAMP                     |                             |               | 1   |
| 15   | 22241442    | CLAMP                     |                             |               | 1   |
| 16   | 46677016    | KIT, ADJUSTER WEDGE       | (order 2 per machine)       |               | 2   |
| 17   | 22241368    | SCREW                     |                             |               | 4   |
| 18   | 46676996    | KIT, LEVER COMPLETE       |                             |               | 1   |
| 19   | 46678556    | KIT, CONNECTING           |                             |               | 1   |
| 20   | 22051817    | SLIDER                    |                             |               | 1   |
| 21   | 22051551    | BUSH                      |                             |               | 2   |
| 22   | 22251409    | BOLT                      |                             |               | 1   |
| 23   | 22051494    | NUT                       |                             |               | 2   |
| 24   | 22241095    | NIPPLE, GREASE            |                             |               | 2   |
| 25   | 22391858    | CAP, GREASE NIPPLE        |                             |               | 2   |
| 26   | 22051510    | COVER                     |                             |               | 1   |
| 27   | 46656685    | KIT, CONNECTING           |                             |               | 1   |
| 28   | 22241517    | PIN                       |                             |               | 1   |
| 29   | 22067003    | CLAMP ASSEMBLY            |                             |               | 1   |
| 30   | 80029069    | KIT, CONNECTING           |                             |               | 1   |
| 31   | 46517447    | CLIP, RETAINING           |                             |               | 2   |

# **RUNNING GEAR (CONT'D)** (fixed height braked)



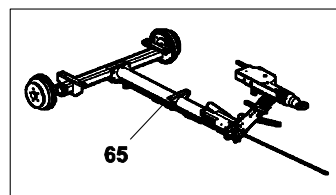
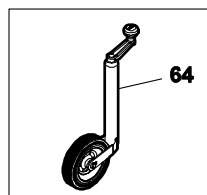
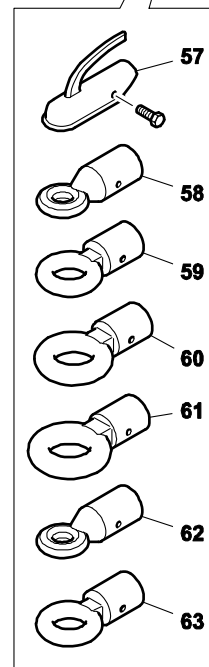
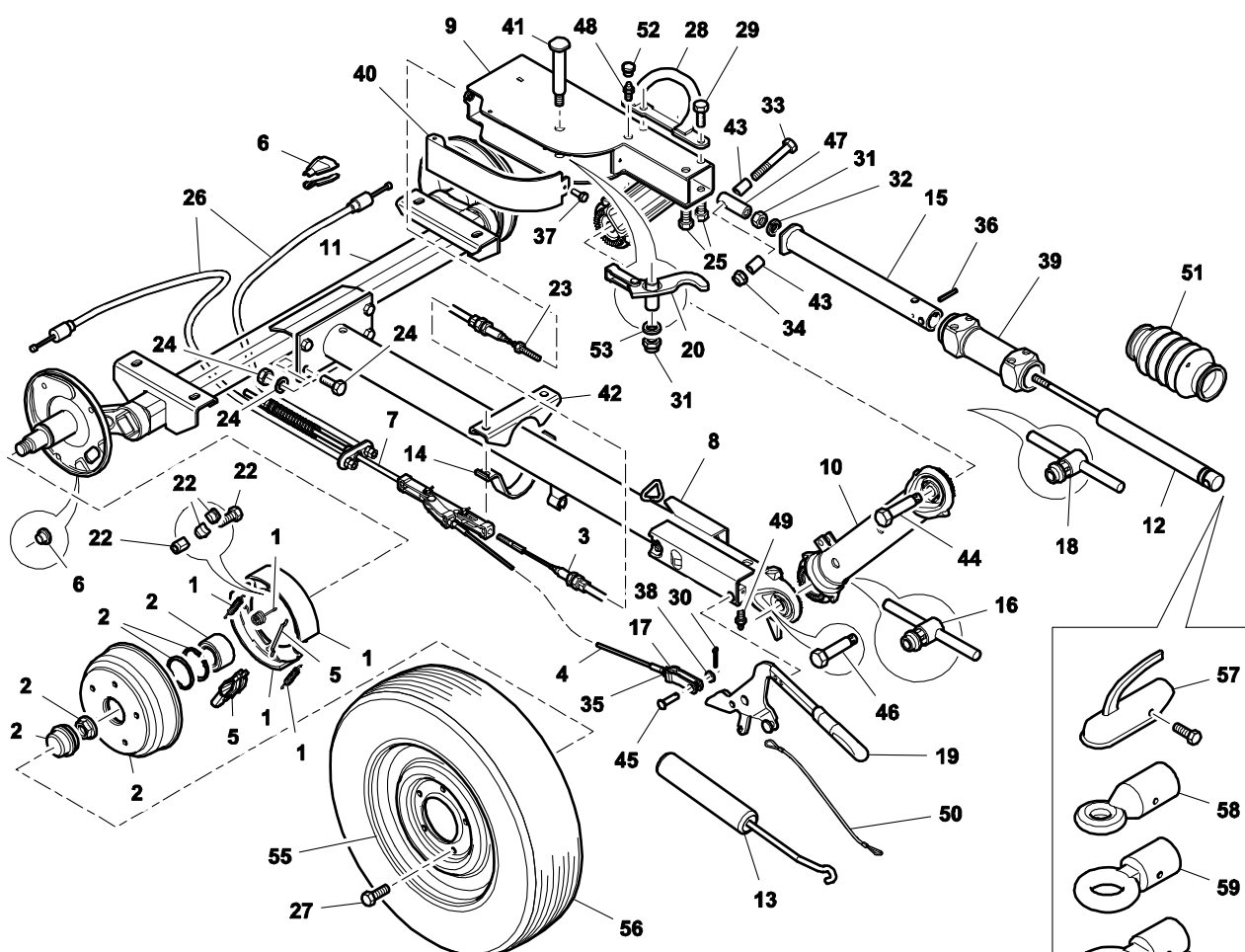
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| RUNNING GEAR (CONT'D)<br>(fixed height braked) |     |
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| 1                                              | 100 |
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| 99                                             | 100 |
| 100                                            | 100 |

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# **RUNNING GEAR** (variable height braked)

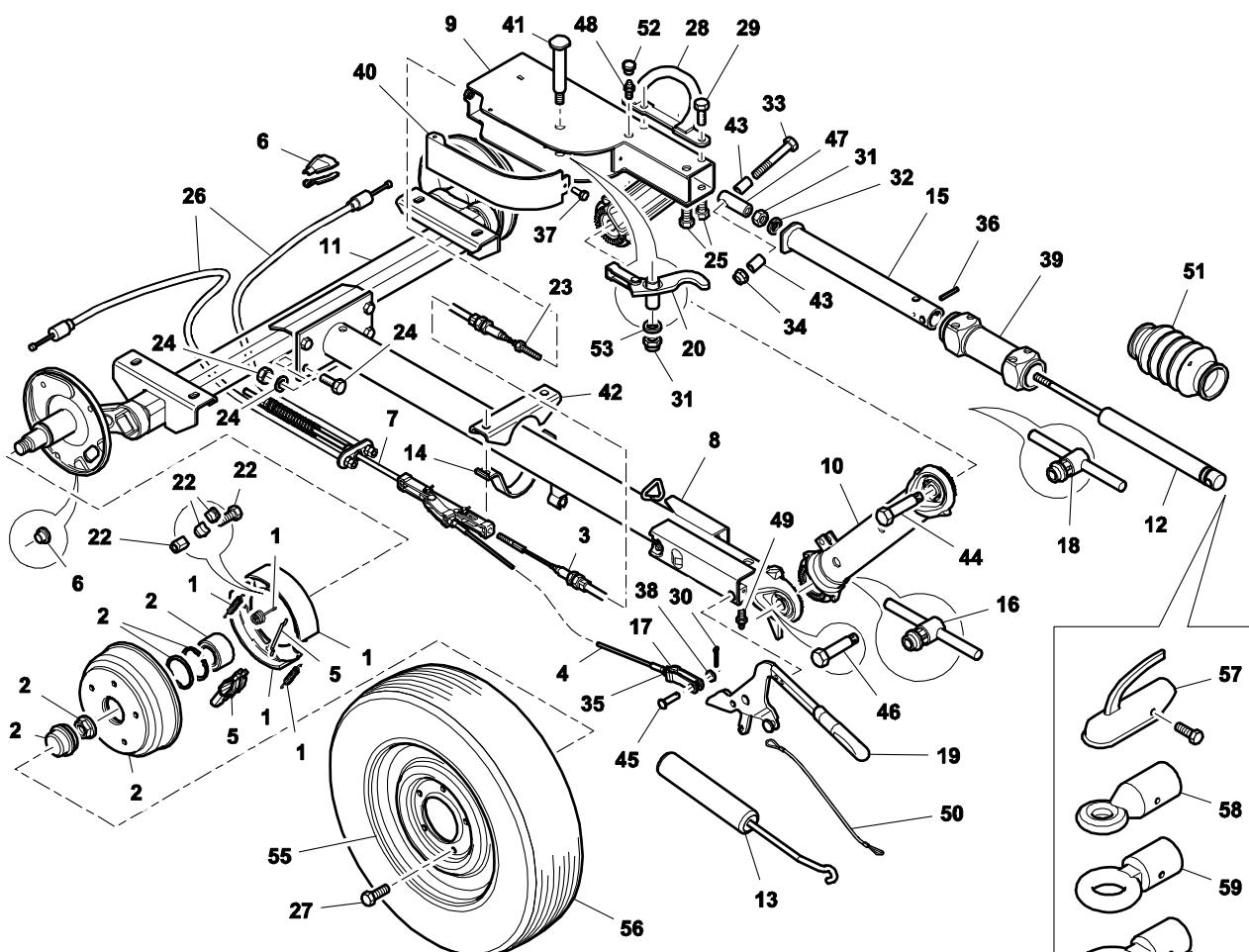


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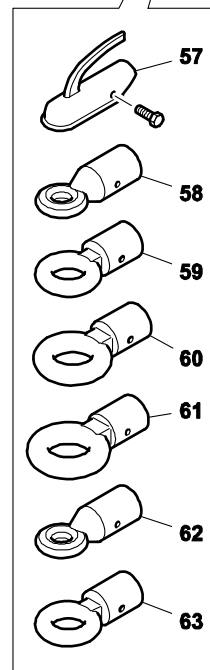
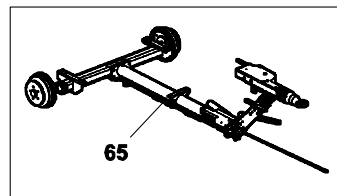
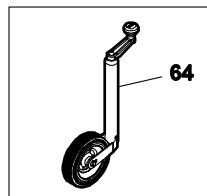
**RUNNING GEAR**  
**(variable height braked)**

| Item | Part Number | Description            | Remarks                     | Serial Number | Qty |
|------|-------------|------------------------|-----------------------------|---------------|-----|
| 1    | 80029218    | BRAKE SHOE PACK        | (order one per machine)     |               | 1   |
| 2    | 46677013    | DRUM ASSEMBLY COMPLETE | (order two per machine)     |               | 2   |
| 3    | 18034124    | CABLE                  |                             |               | 1   |
| 4    | 22241152    | CABLE                  |                             |               | 1   |
| 5    | 80029218    | KIT, EXPANDING KEY     | (order one kit per machine) |               | 2   |
| 6    | 46656681    | CABLE COVER ASSEMBLY   | (order two per machine)     |               | 2   |
| 7    | 22126395    | COMPENSATOR            |                             |               | 1   |
| 8    | 22241061    | DRAWBAR                |                             |               | 1   |
| 9    | 22241079    | HOUSING                |                             |               | 1   |
| 10   | 22241087    | ARM, LINK              |                             |               | 1   |
| 11   | 22241467    | AXLE TUBE ASSEMBLY     |                             |               | 1   |
| 12   | 22241475    | ABSORBER, SHOCK        |                             |               | 1   |
| 13   | 22182802    | SPRING                 |                             |               | 1   |
| 14   | 22051742    | CLAMP                  |                             |               | 1   |
| 15   | 22051411    | SLIDER                 |                             |               | 1   |
| 16   | 22051718    | HANDLE                 |                             |               | 1   |
| 17   | 22241483    | CLEVIS                 |                             |               | 1   |
| 18   | 22051692    | HANDLE                 |                             |               | 1   |
| 19   | 22066823    | LEVER, HANDBRAKE       |                             |               | 1   |
| 20   | 22066914    | LEVER, TRANSMISSION    |                             |               | 1   |
| 22   | 46677016    | KIT, ADJUSTER WEDGE    | (order 2 per machine)       |               | 2   |
| 23   | 22051577    | NUT                    |                             |               | 1   |
| 24   | 46656685    | KIT, CONNECTING        |                             |               | 1   |
| 25   | 22241343    | SCREW                  |                             |               | 4   |
| 26   | 22241145    | CABLE                  |                             |               | 2   |
| 27   | 46678556    | KIT, CONNECTING        |                             |               | 1   |
| 28   | 22241434    | HANDLE                 |                             |               | 1   |
| 29   | 22241350    | BOLT                   |                             |               | 2   |
| 30   | 22241566    | PIN, RETAINING         |                             |               | 1   |
| 31   | 22051577    | NUT                    |                             |               | 1   |
| 32   | 22051585    | RING                   |                             |               | 1   |

# **RUNNING GEAR (CONT'D)** (variable height braked)



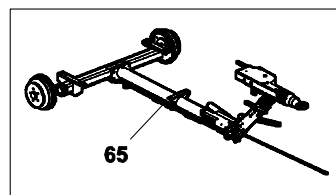
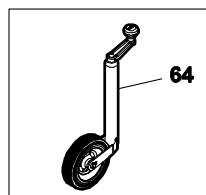
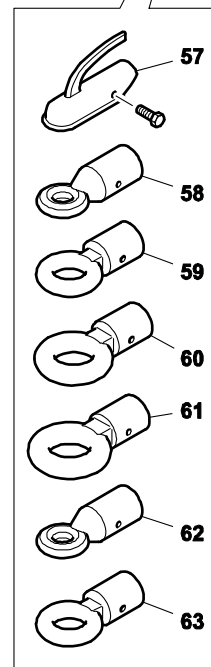
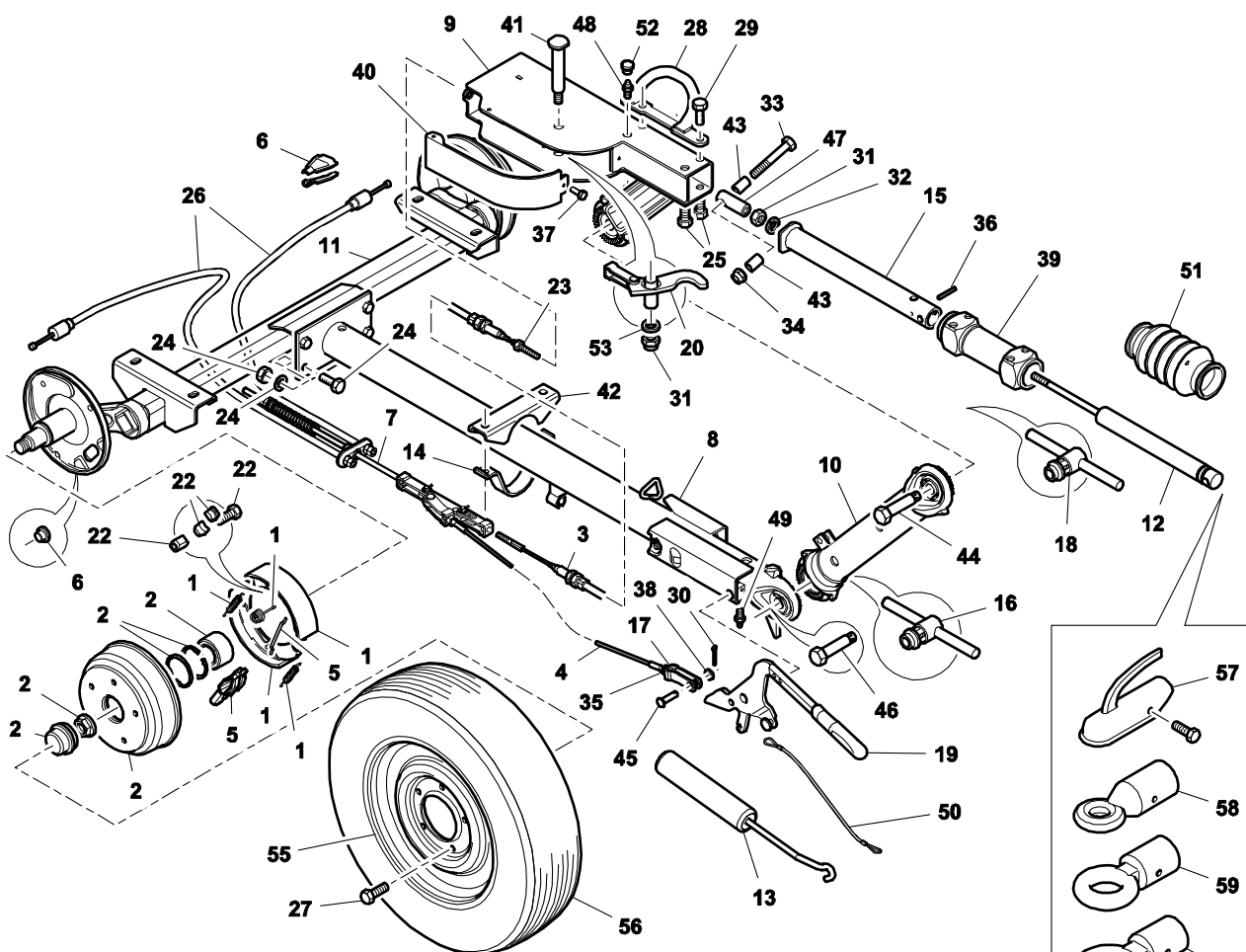
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**RUNNING GEAR (CONT'D)**  
**(variable height braked)**

| Item | Part Number | Description             | Remarks                        | Serial Number | Qty |
|------|-------------|-------------------------|--------------------------------|---------------|-----|
| 33   | 22241541    | BOLT                    |                                |               | 1   |
| 34   | 22051494    | NUT                     |                                |               | 2   |
| 35   | 22051577    | NUT                     |                                |               | 2   |
| 36   | 22241517    | PIN                     |                                |               | 1   |
| 37   | 22241533    | SCREW                   |                                |               | 3   |
| 38   | 22241491    | WASHER                  |                                |               | 2   |
| 39   | 22241038    | SLIDER                  |                                |               | 1   |
| 40   | 22241046    | COVER                   |                                |               | 1   |
| 41   | 22241053    | BOLT                    |                                |               | 1   |
| 42   | 22241442    | CLAMP                   |                                |               | 1   |
| 43   | 22051551    | BUSH                    |                                |               | 2   |
| 44   | 22051700    | BOLT                    |                                |               | 1   |
| 45   | 22241160    | PIN                     |                                |               | 1   |
| 46   | 22241178    | BOLT                    |                                |               | 1   |
| 47   | 22051544    | JOINT                   |                                |               | 1   |
| 48   | 22241095    | NIPPLE, GREASE          |                                |               | 2   |
| 49   | 22241400    | NIPPLE                  |                                |               | 1   |
| 50   | 22241418    | CABLE                   |                                |               | 1   |
| 51   | 22051510    | COVER                   |                                |               | 1   |
| 52   | 22391858    | CAP, GREASE NIPPLE      |                                |               | 2   |
| 53   | 22104806    | WASHER                  |                                |               | 1   |
| 54   | 22125579    | WHEEL AND TYRE ASSEMBLY | W/Ref. 55-56                   |               | 2   |
| 55   | 22125587    | WHEEL                   |                                |               | 2   |
| 56   | 22125595    | TYRE                    |                                |               | 2   |
| 57   | 22212013    | HITCH, BALL             | (50 mm)                        |               | 1   |
| 57   | 46569660    | HITCH, BALL             | (non-standard) - (50 mm)       |               | 1   |
| 58   | 54774500    | EYE, TOWING             | (Ø 40 mm)                      |               | 1   |
| 58   | 46569699    | EYE, TOWING             | (non-standard)(UK) - (Ø 40 mm) |               | 1   |
| 59   | 54774518    | EYE, TOWING             | (Ø 50 mm)                      |               | 1   |
| 59   | 46569683    | EYE, TOWING             | (non-standard) - (Ø 50 mm)     |               | 1   |
| 60   | 54774534    | EYE, TOWING             | (Ø 68 mm)                      |               | 1   |

# **RUNNING GEAR (CONT'D)** (variable height braked)

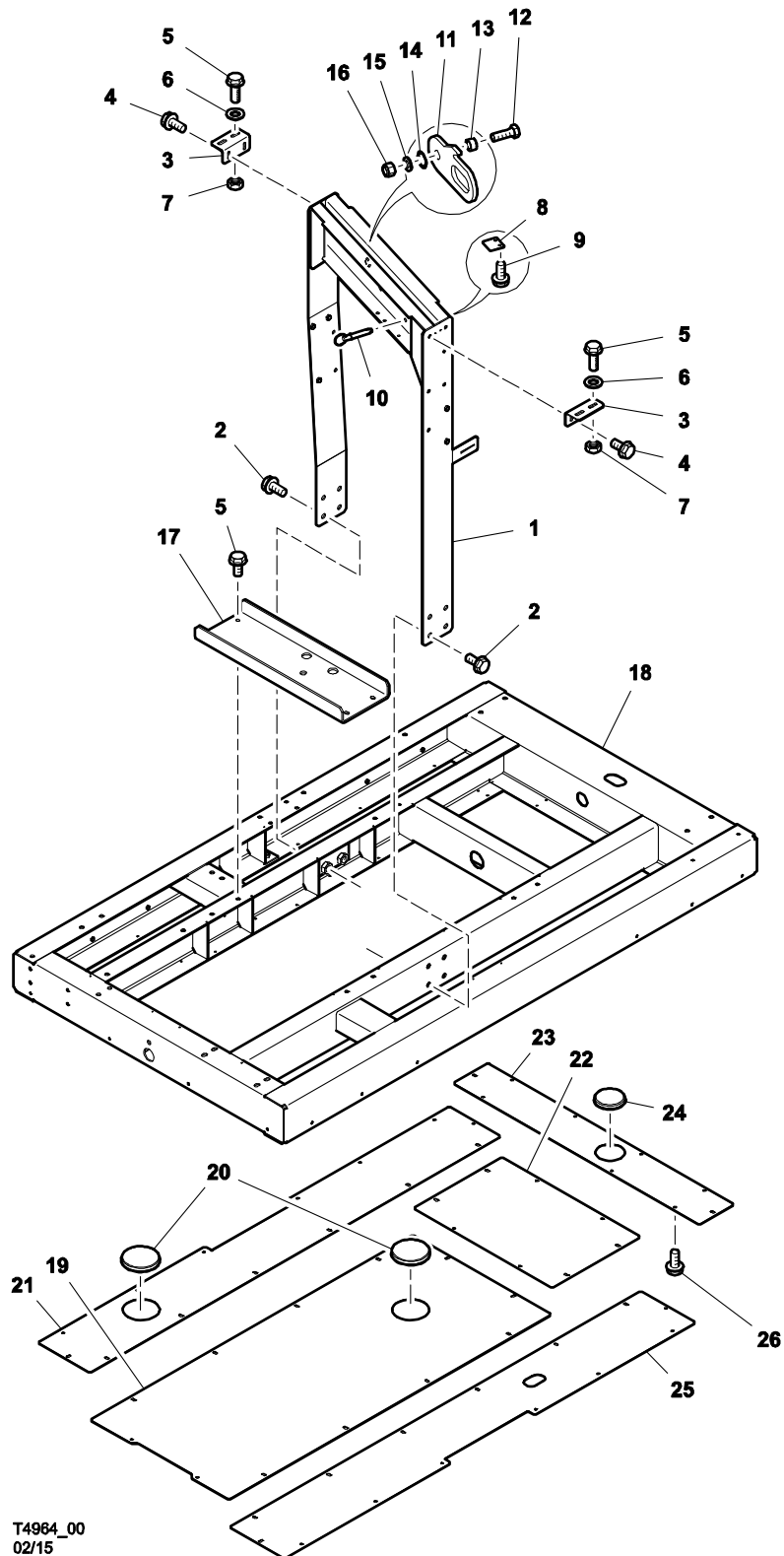


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| RUNNING GEAR (CONT'D)    |     |
|--------------------------|-----|
| (variable height braked) |     |
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| 7                        | 100 |
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| 98                       | 100 |
| 99                       | 100 |
| 100                      | 100 |

[illegible]

# MAIN FRAME



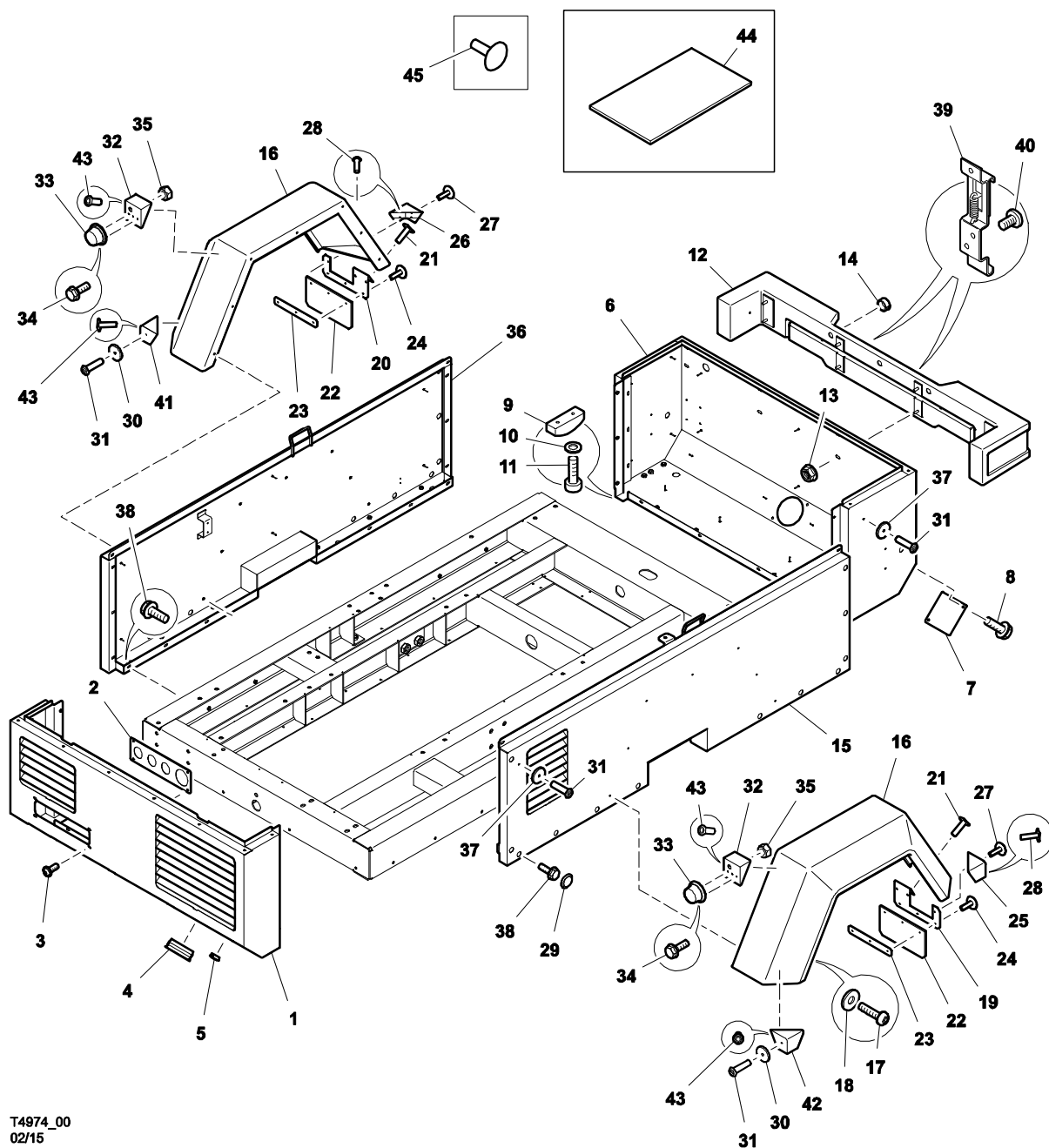
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## MAIN FRAME

| Item | Part Number | Description           | Remarks  | Serial Number | Qty |
|------|-------------|-----------------------|----------|---------------|-----|
| 1    | 46646239    | BAIL, LIFTING         |          |               | 1   |
| 2    | 92398627    | SCREW                 |          |               | 8   |
| 3    | 46656931    | BRACKET, LIFTING BAIL |          |               | 2   |
| 4    | 96704408    | SCREW                 |          |               | 4   |
| 5    | 96704408    | SCREW                 |          |               | 8   |
| 6    | 92304609    | WASHER                |          |               | 4   |
| 7    | 96735543    | NUT                   |          |               | 4   |
| 8    | 46651173    | BRACKET, LIFTING EYE  |          |               | 1   |
| 9    | 96738695    | SCREW                 |          |               | 2   |
| 10   | 46654913    | PIN                   |          |               | 1   |
| 11   | 46651172    | EYE, LIFTING          |          |               | 1   |
| 12   | 96703962    | SCREW                 |          |               | 1   |
| 13   | 54629787    | SPACER                |          |               | 1   |
| 14   | 54592126    | WASHER, SPRING        |          |               | 1   |
| 15   | 93545580    | WASHER                |          |               | 1   |
| 16   | 96704630    | NUT                   |          |               | 1   |
| 17   | 46643083    | BRACKET               |          |               | 1   |
| 18   | 46649379    | FRAME                 |          |               | 1   |
| 19   | 46666716    | PANEL                 |          |               | 1   |
| 20   | 22773949    | CAP                   | (100 mm) |               | 2   |
| 21   | 46651109    | PANEL                 |          |               | 1   |
| 22   | 46651106    | PANEL                 |          |               | 1   |
| 23   | 46651107    | PANEL                 |          |               | 1   |
| 24   | 46664391    | CAP                   |          |               | 1   |
| 25   | 46651108    | PANEL                 |          |               | 1   |
| 26   | 96738695    | SCREW                 |          |               | 58  |
|      |             |                       |          |               |     |
|      |             |                       |          |               |     |
|      |             |                       |          |               |     |
|      |             |                       |          |               |     |
|      |             |                       |          |               |     |

# ENCLOSURE (lower)

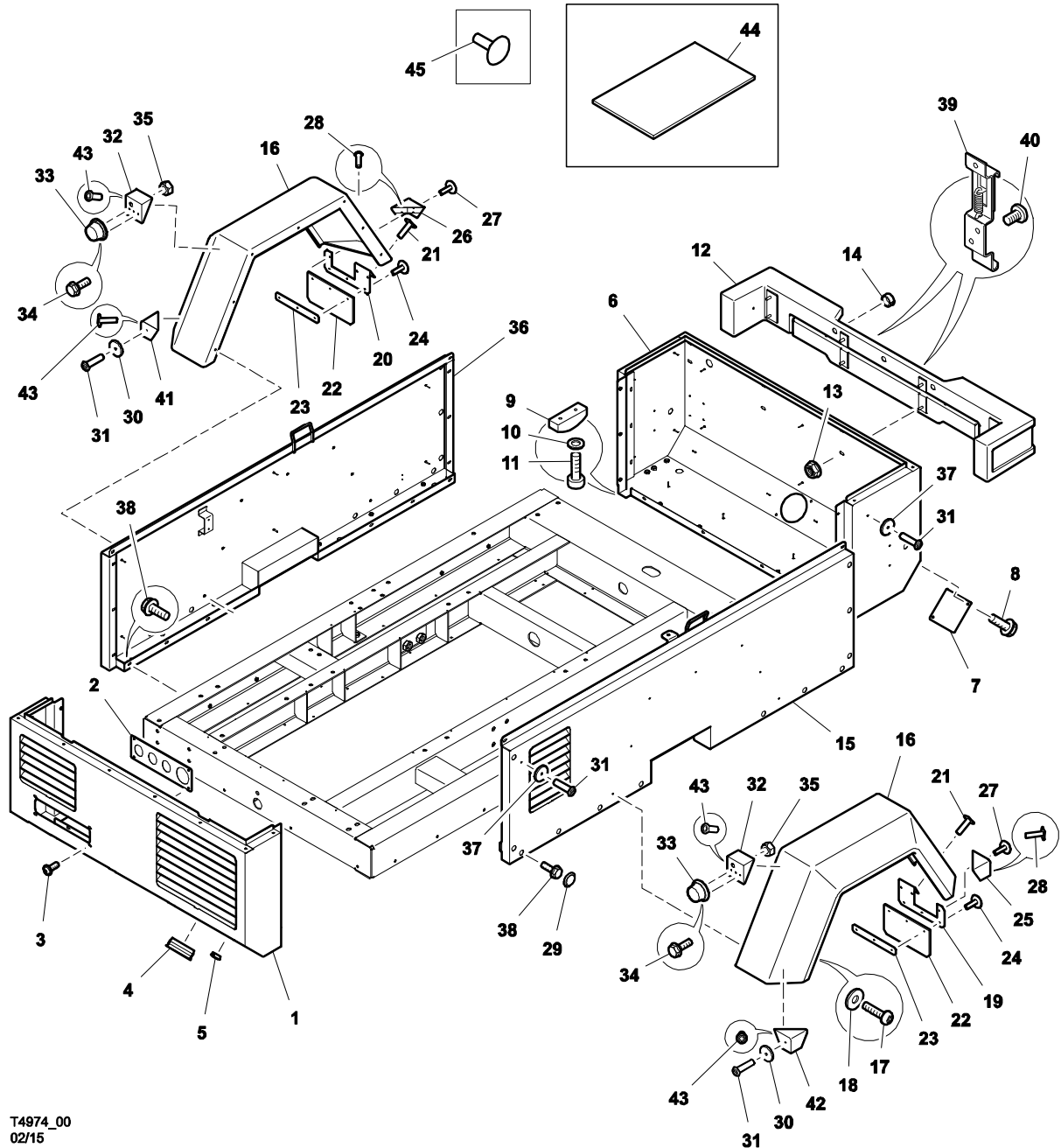


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## ENCLOSURE (lower)

| Item | Part Number | Description           | Remarks           | Serial Number | Qty |
|------|-------------|-----------------------|-------------------|---------------|-----|
| 1    | 46672036    | PANEL ASSEMBLY        |                   |               | 1   |
| 1    | 46664392    | PANEL                 | (painted)         |               | 1   |
| 2    | 46663210    | COVER                 |                   |               | 1   |
| 3    | 46672836    | SCREW                 |                   |               | 4   |
| 4    | 46669223    | CAP                   |                   |               | 1   |
| 5    | 23053499    | PLUG                  |                   |               | 3   |
| 6    | 46672040    | PANEL ASSEMBLY        |                   |               | 1   |
| 6    | 46664422    | PANEL                 | (painted)         |               | 1   |
| 7    | 46666123    | COVER                 |                   |               | 1   |
| 8    | 96738695    | SCREW                 |                   |               | 2   |
| 9    | 89257067    | PROTECTOR             |                   |               | 2   |
| 10   | 96701396    | WASHER                |                   |               | 4   |
| 11   | 92421429    | CAPSCREW, SOCKET HEAD |                   |               | 4   |
| 12   | 92816982    | BAR, BUMPER           |                   |               | 1   |
| 13   | 92398114    | NUT                   | (M8)              |               | 8   |
| 14   | 92783281    | PLUG                  |                   |               | 4   |
| 15   | 46672507    | PANEL ASSEMBLY        |                   |               | 1   |
| 15   | 46650048    | PANEL                 | (painted)         |               | 1   |
| 16   | 92816974    | MUDGUARD              |                   |               | 2   |
| 17   | 46673731    | SCREW                 |                   |               | 14  |
| 18   | 23076656    | WASHER                |                   |               | 14  |
| 19   | 46671819    | BRACKET               | (CE version only) |               | 1   |
| 20   | 46671820    | BRACKET               | (CE version only) |               | 1   |
| 21   | 22855258    | RIVET                 | (CE version only) |               | 4   |
| 22   | 46671822    | GUARD                 | (CE version only) |               | 2   |
| 23   | 46671821    | WASHER                | (CE version only) |               | 2   |
| 24   | 46560699    | RIVET                 | (CE version only) |               | 6   |
| 25   | 93173359    | BRACKET, REFLECTOR RH | (CE version only) |               | 1   |
| 26   | 93173342    | BRACKET, REFLECTOR LH | (CE version only) |               | 1   |
| 27   | 22855258    | RIVET                 | (CE version only) |               | 2   |
| 28   | 92271915    | RIVET                 | (CE version only) |               | 2   |

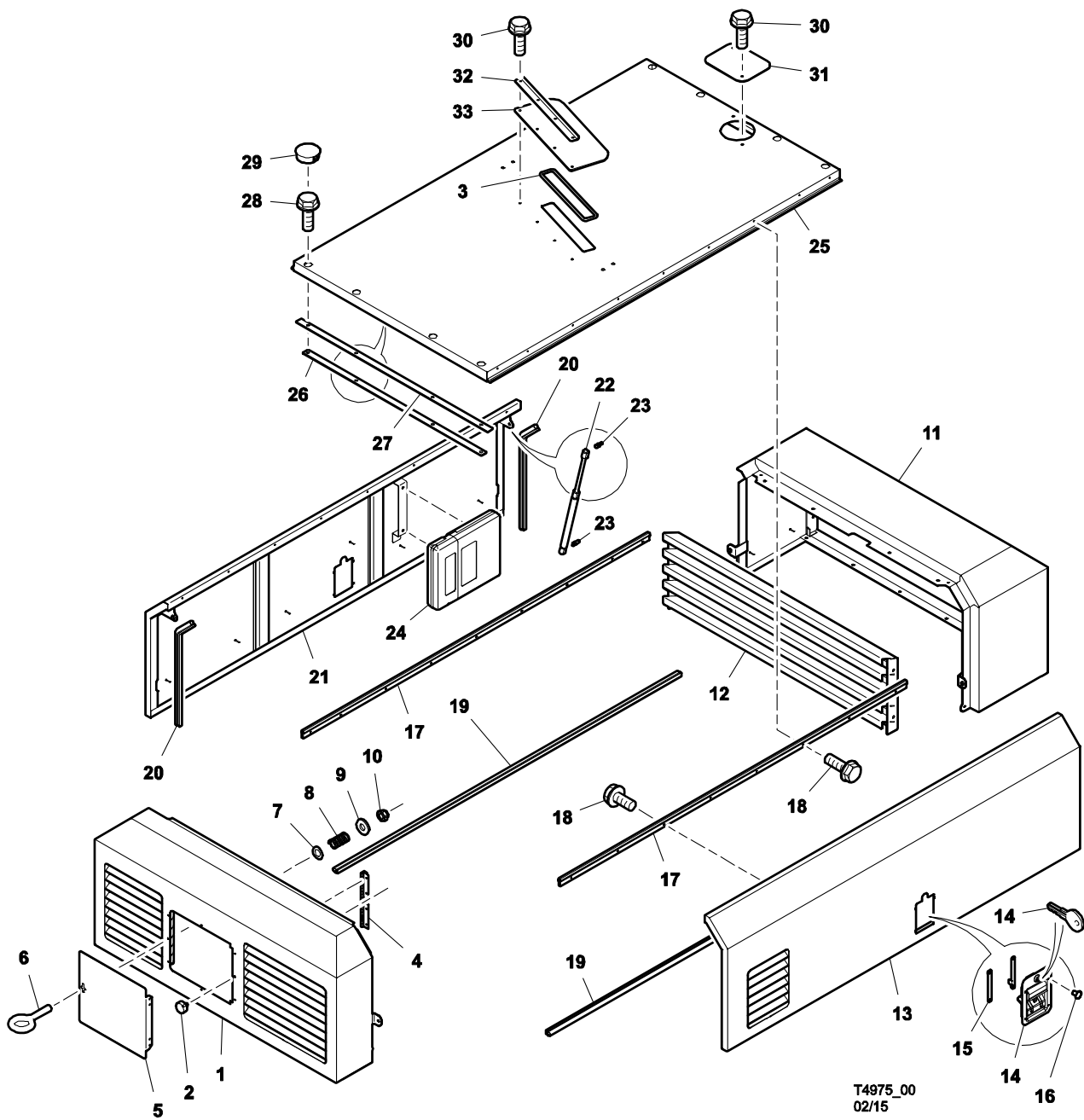
# ENCLOSURE (CONT'D) (lower)



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[illegible]

# ENCLOSURE (upper)

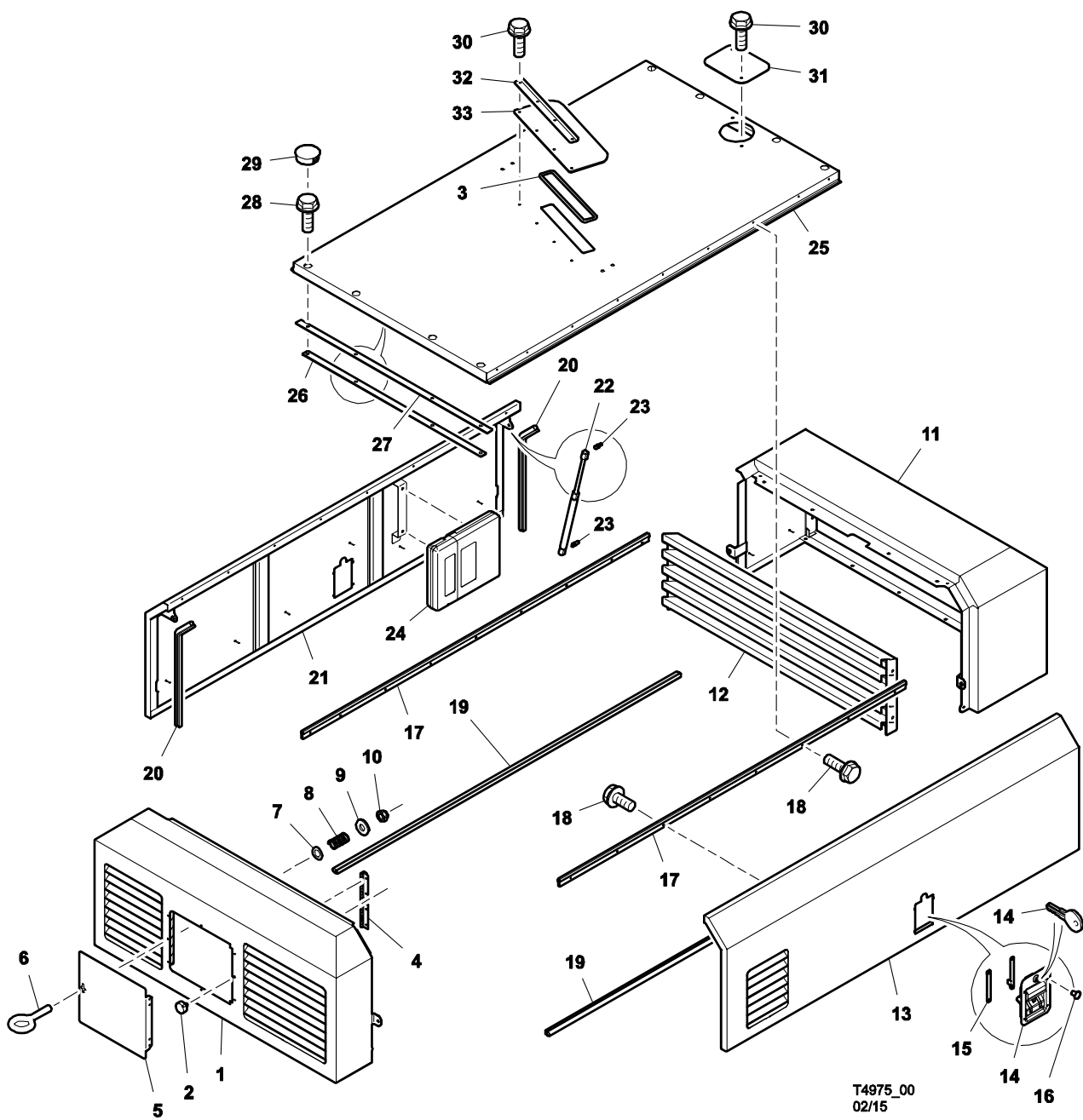


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## ENCLOSURE (upper)

| Item | Part Number | Description           | Remarks     | Serial Number | Qty |
|------|-------------|-----------------------|-------------|---------------|-----|
| 1    | 46672035    | PANEL ASSEMBLY        |             |               | 1   |
| 1    | 46650050    | PANEL                 | (painted)   |               | 1   |
| 2    | 46540399    | MOUNT, RUBBER STOPPER |             |               | 1   |
| 3    | 22293419    | SEAL, U-PROFILE       | 0,63 m long |               | 1   |
| 4    | 46671117    | HINGE                 |             |               | 1   |
| 5    | 46653112    | DOOR                  |             |               | 1   |
| 6    | 46629499    | PIN                   |             |               | 1   |
| 7    | 36772028    | WASHER                |             |               | 1   |
| 8    | 35607837    | SPRING                |             |               | 1   |
| 9    | 95935029    | WASHER                |             |               | 1   |
| 10   | 92304542    | NUT                   |             |               | 1   |
| 11   | 46672039    | PANEL ASSEMBLY        |             |               | 1   |
| 11   | 46650446    | PANEL                 | (painted)   |               | 1   |
| 12   | 46672508    | LOUVRE                |             |               | 1   |
| 13   | 46672037    | DOOR ASSEMBLY         |             |               | 1   |
| 13   | 46655735    | DOOR                  | (painted)   |               | 1   |
| 14   | 36793602    | LATCH                 |             |               | 2   |
| 14   | 36794345    | CYLINDER, KEY         | (optional)  |               | 2   |
| 14   | 35612746    | KEY, REPLACEMENT      | (optional)  |               | 2   |
| 15   | 46643081    | WASHER, LATCH         |             |               | 4   |
| 16   | 46643090    | SCREW                 |             |               | 8   |
| 17   | 92816743    | HINGE                 |             |               | 2   |
| 18   | 92184811    | SCREW                 |             |               | 34  |
| 19   | 92119957    | SEAL                  | 1,72 m long |               | 2   |
| 20   | 92119957    | SEAL                  | 0,48 m long |               | 4   |
| 21   | 46672038    | DOOR ASSEMBLY         |             |               | 1   |
| 21   | 46655736    | DOOR                  | (painted)   |               | 1   |
| 22   | 54443213    | SPRING                |             |               | 4   |
| 23   | 35337328    | STUD, BALL            |             |               | 8   |
| 24   | 22990816    | POUCH, LITERATURE     |             |               | 1   |
| 25   | 46672012    | PANEL ASSEMBLY        |             |               | 1   |

# ENCLOSURE (CONT'D) (upper)



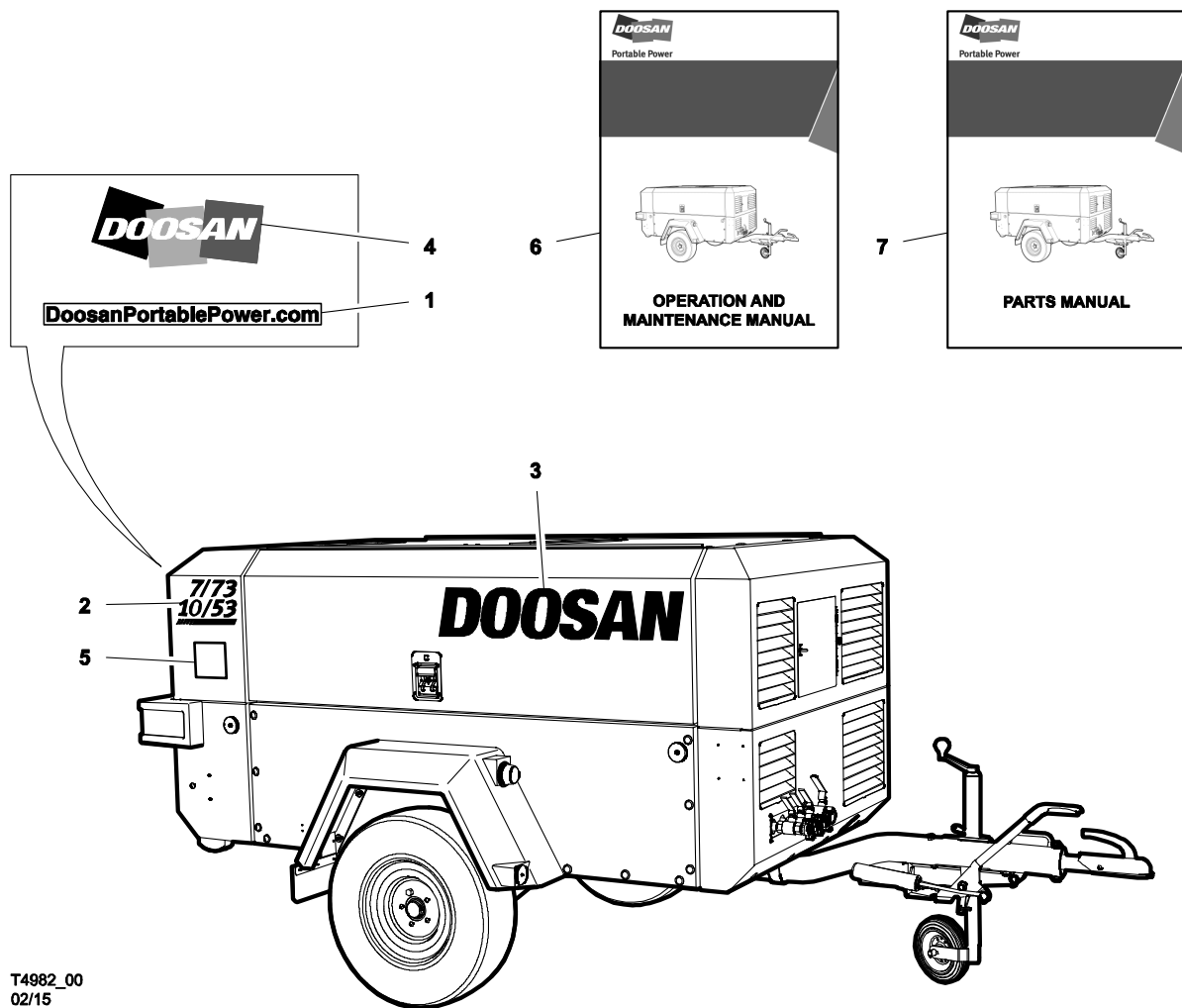
T4975\_00  
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**ENCLOSURE (CONT'D)**  
**(upper)**

[illegible]

## DECALS AND DOCUMENTATION



## DECALS AND DOCUMENTATION

[illegible]

# DECALS AND DOCUMENTATION



1



2



3



4



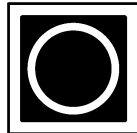
5



6



7



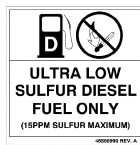
8



9



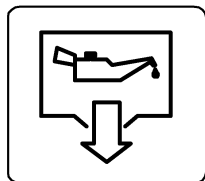
10



11



14



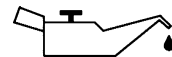
12



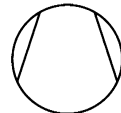
13



17



18



19



15



16

4.5 bar

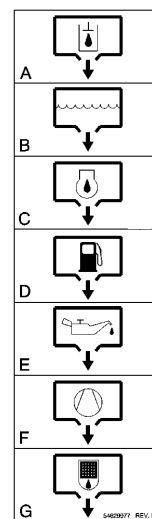
20



22

| Maintenance Kits and Fluids            |                 |             |
|----------------------------------------|-----------------|-------------|
| Ultimate Protection for your equipment |                 |             |
| Interval                               | Description     | Part number |
| 50 hours                               | Oil             | 40051005    |
| 100 hours                              | Oil             | 40051006    |
| 200 hours                              | Oil             | 40051007    |
| 400 hours                              | Oil             | 40051008    |
| 800 hours                              | Oil             | 40051009    |
| 1600 hours                             | Oil             | 40051010    |
| Fluids                                 | Description     | Part Number |
| Pro-Tec                                | Engine Oil      | 40051011    |
| Pro-Tec                                | Hydraulic Oil   | 40051012    |
| Pro-Tec                                | SAE 40 Comp Oil | 40051013    |
| Pro-Tec                                | SAE 40 Comp Oil | 40051014    |
| Pro-Tec                                | SAE 40 Comp Oil | 40051015    |
| Pro-Tec                                | SAE 40 Comp Oil | 40051016    |

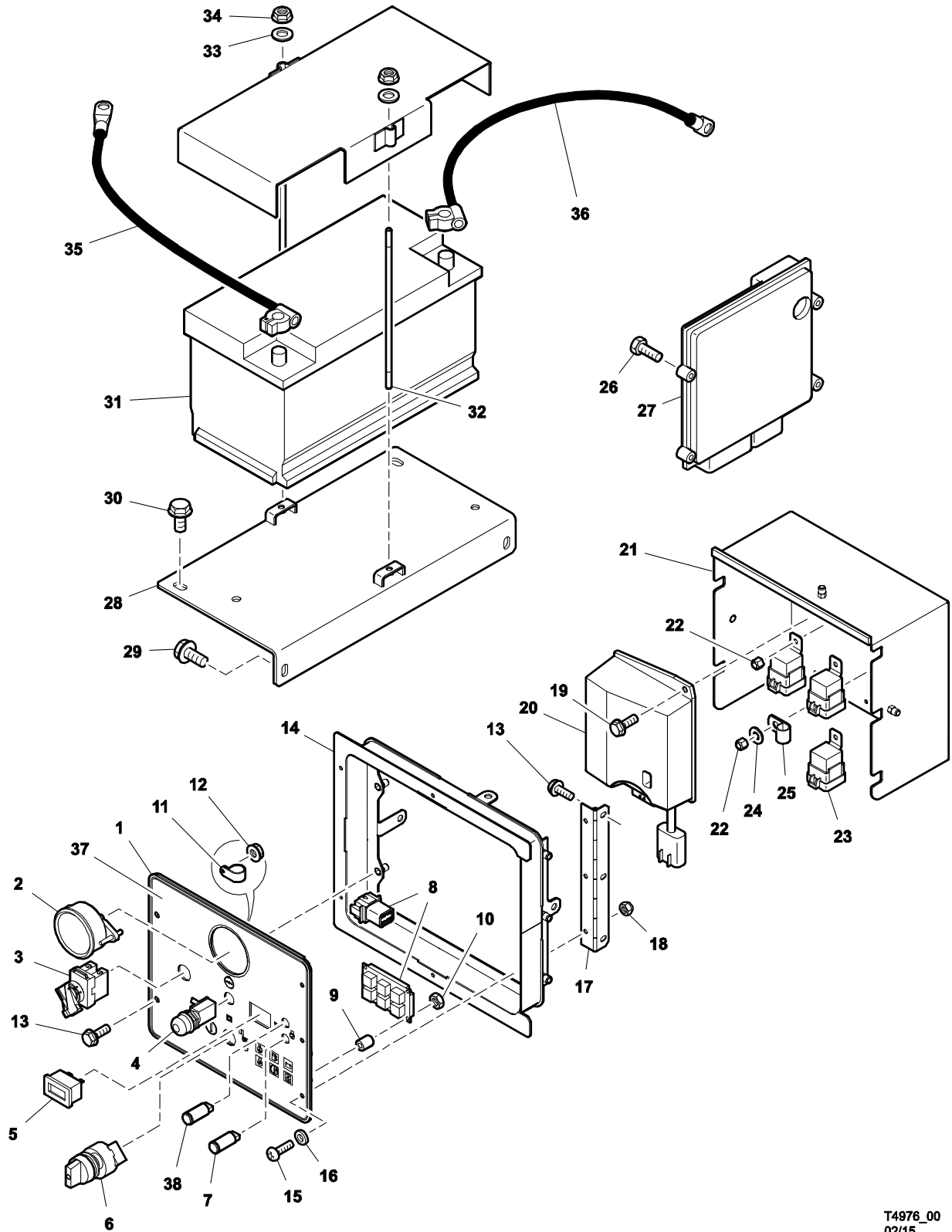
21



23

[illegible]

# INSTRUMENTATION AND ELECTRICS

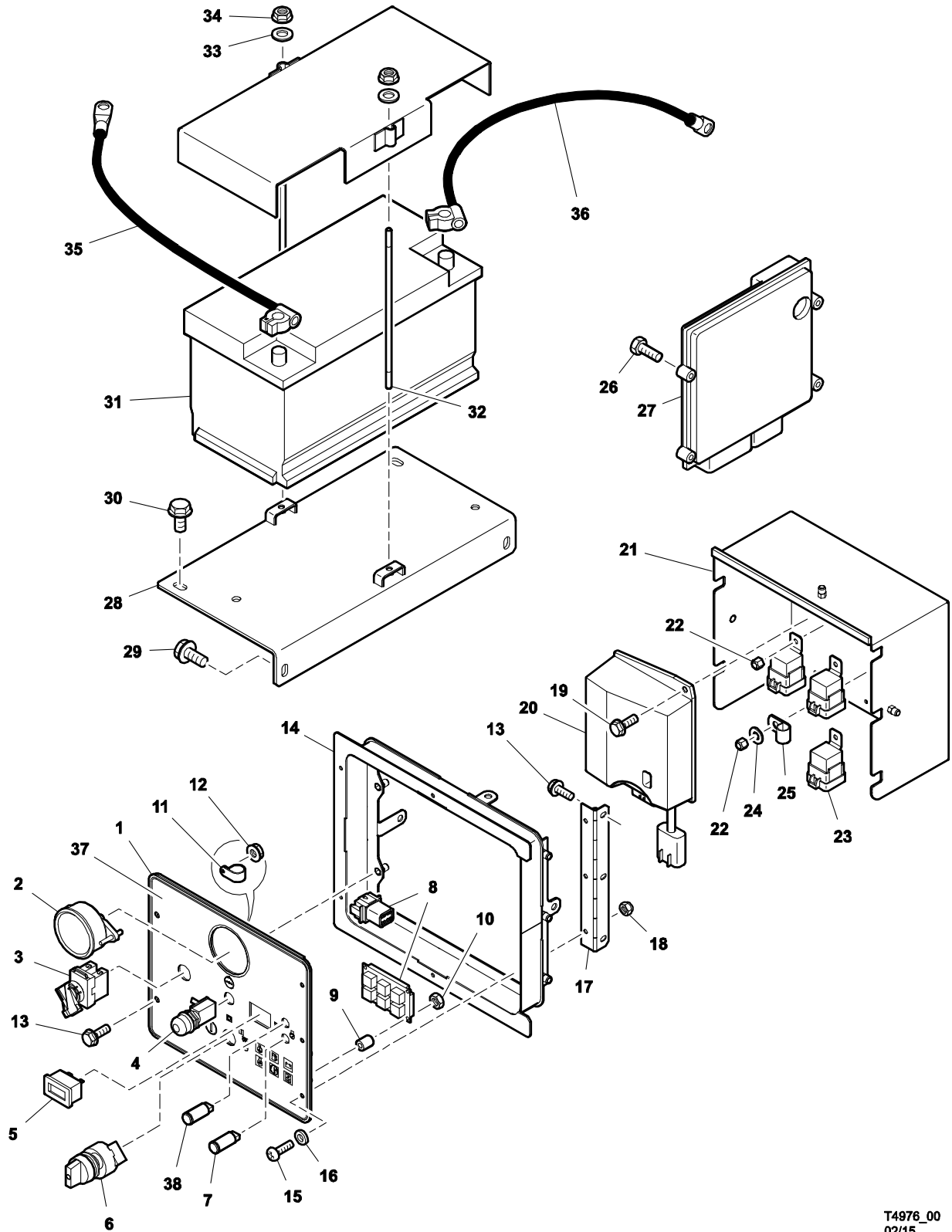


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02/15

## INSTRUMENTATION AND ELECTRICS

| Item | Part Number | Description         | Remarks | Serial Number | Qty |
|------|-------------|---------------------|---------|---------------|-----|
| 1    | 46666613    | PANEL               |         |               | 1   |
| 2    | 93531184    | GAUGE, PRESSURE     |         |               | 1   |
| 3    | 46666609    | SWITCH, PRESSURE    |         |               | 1   |
| 4    | 35255553    | BUTTON, START / RUN |         |               | 1   |
| 5    | 46557109    | HOURLMETER          |         |               | 1   |
| 6    | 22127385    | SWITCH, START       |         |               | 1   |
| 7    | 46666630    | LAMP, LED           |         |               | 1   |
| 8    | 46653284    | LED PANEL ASSEMBLY  |         |               | 1   |
| 9    | 46653286    | BUSH                |         |               | 4   |
| 10   | 92340371    | NUT                 |         |               | 4   |
| 11   | 46564986    | CLAMP               |         |               | 1   |
| 12   | 96728274    | NUT                 |         |               | 1   |
| 13   | 36898096    | SCREW               |         |               | 8   |
| 14   | 46632002    | SUPPORT             |         |               | 1   |
| 15   | 92789205    | SCREW               |         |               | 3   |
| 16   | 92340439    | WASHER              |         |               | 3   |
| 17   | 46627719    | HINGE               |         |               | 1   |
| 18   | 46541223    | NUT                 |         |               | 3   |
| 19   | 96738695    | SCREW               |         |               | 2   |
| 20   | 46491999    | CONTROLLER          |         |               | 1   |
| 21   | 46640199    | COVER               |         |               | 1   |
| 22   | 96704580    | NUT                 |         |               | 4   |
| 23   | 36878361    | RELAY, WEATHERPROOF | (12 V)  |               | 3   |
| 24   | 95935029    | WASHER              |         |               | 1   |
| 25   | 35222538    | CLIP, RETAINING     |         |               | 1   |
| 26   | 96701461    | SCREW               |         |               | 4   |
| 27   | 46678734    | ENGINE CONTROL UNIT |         |               | 1   |
| 28   | 46650626    | BRACKET             |         |               | 1   |
| 29   | 96704408    | SCREW               |         |               | 2   |
| 30   | 92472638    | SCREW               |         |               | 2   |
| 31   | 22176655    | BATTERY             |         |               | 1   |

# INSTRUMENTATION AND ELECTRICS (CONT'D)

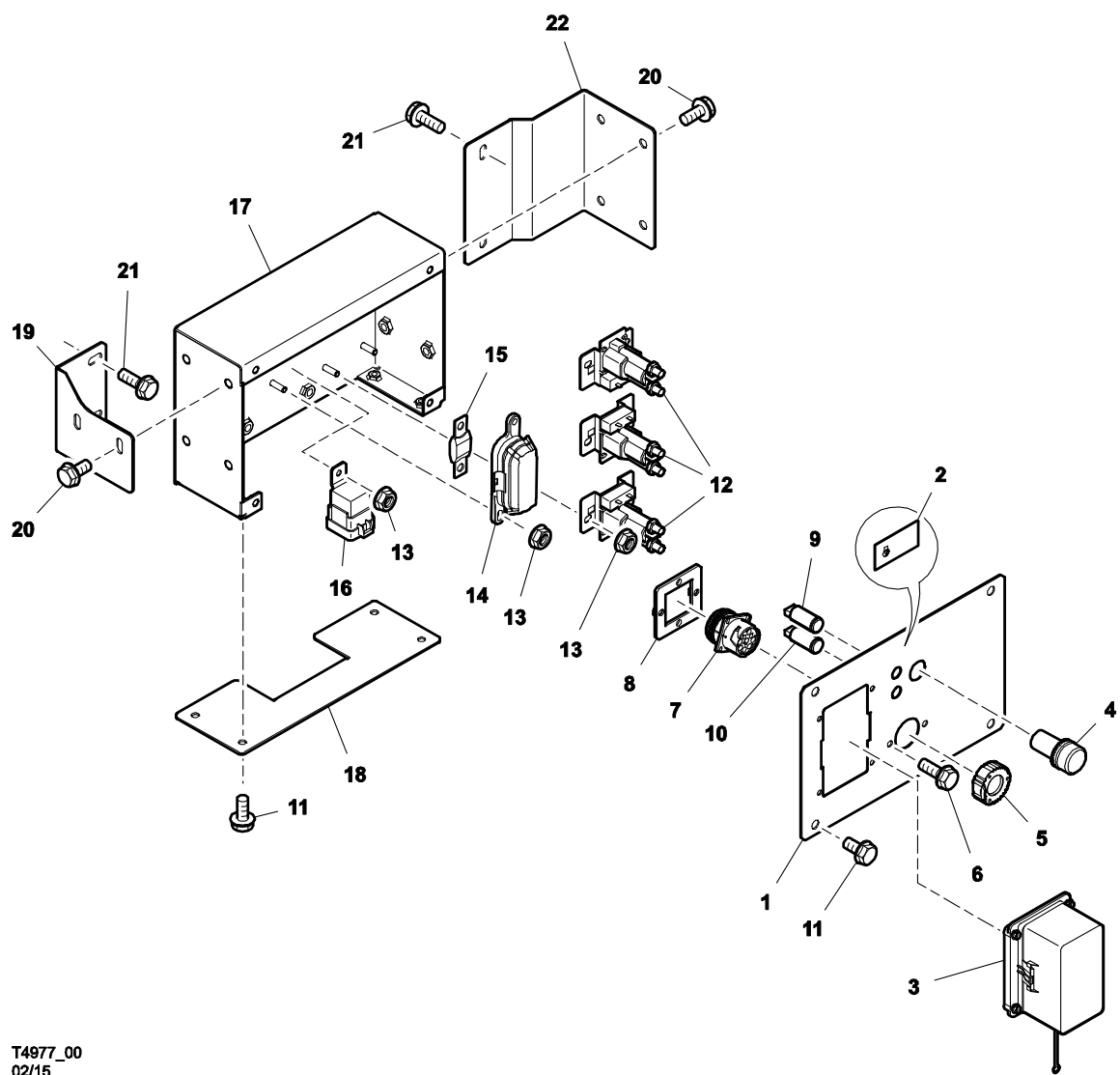


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02/15



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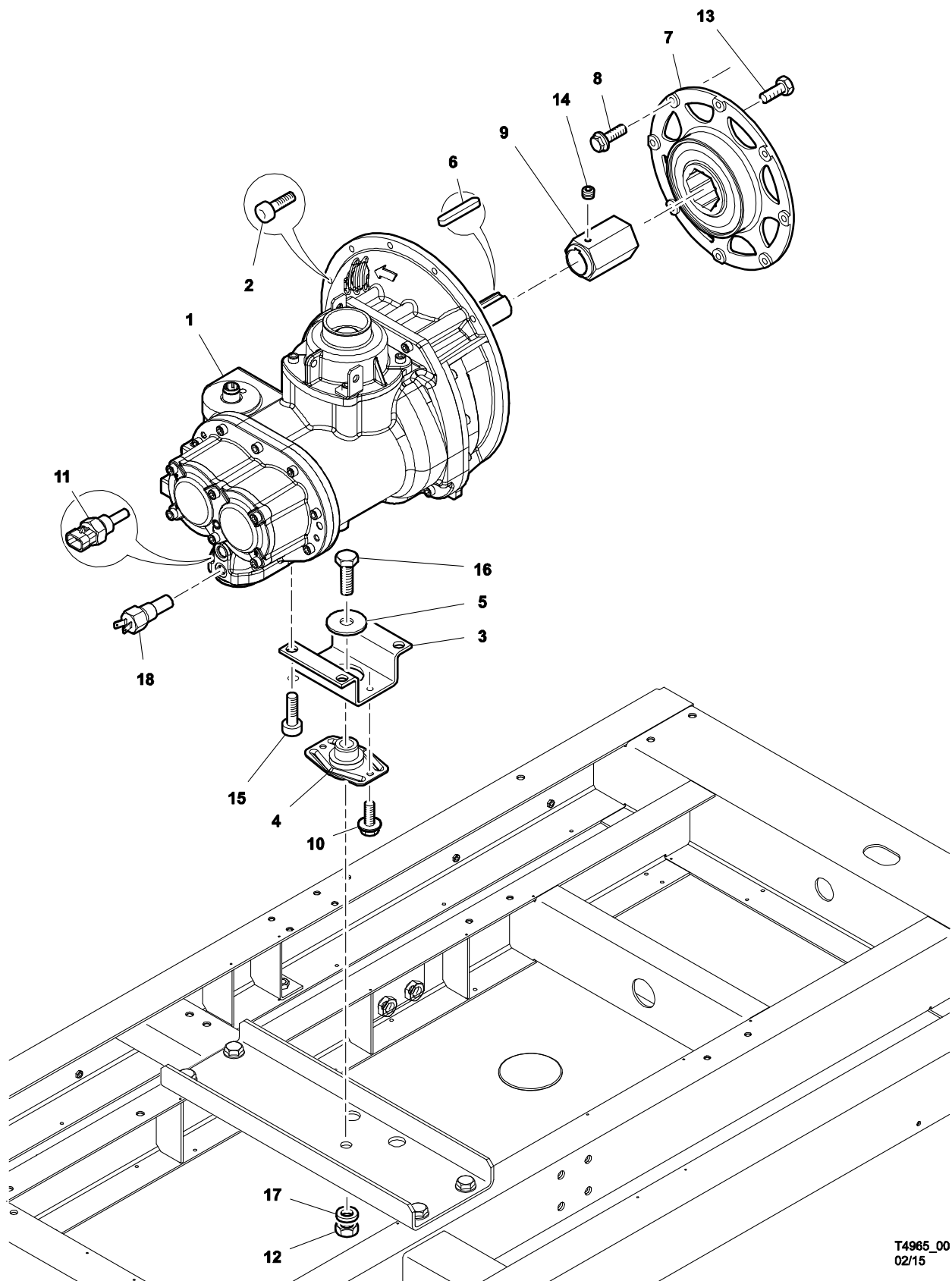
INSTRUMENTATION AND ELECTRICS



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02/15

[illegible]

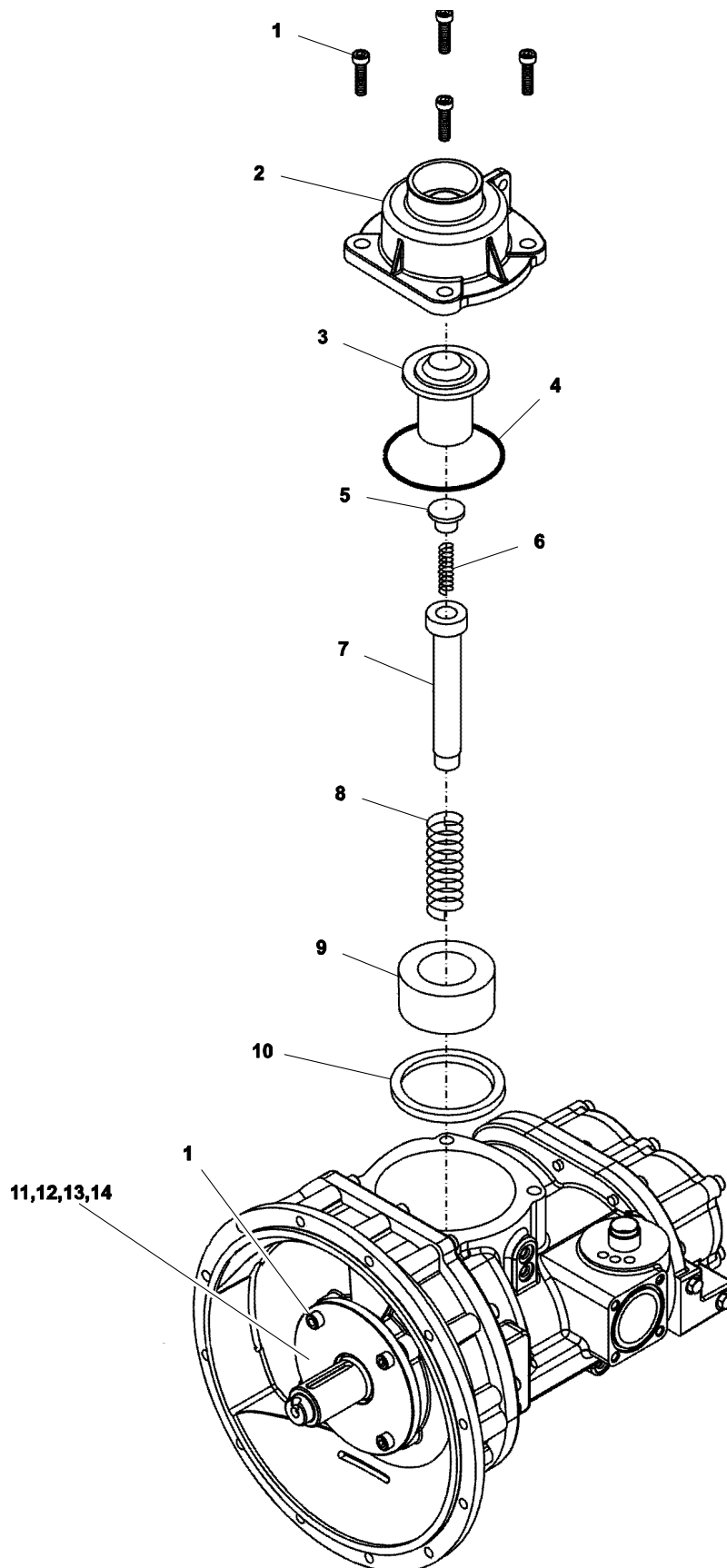
# AIREND ASSEMBLY



T4965\_00  
02/15

[illegible]

## AIREND ASSEMBLY

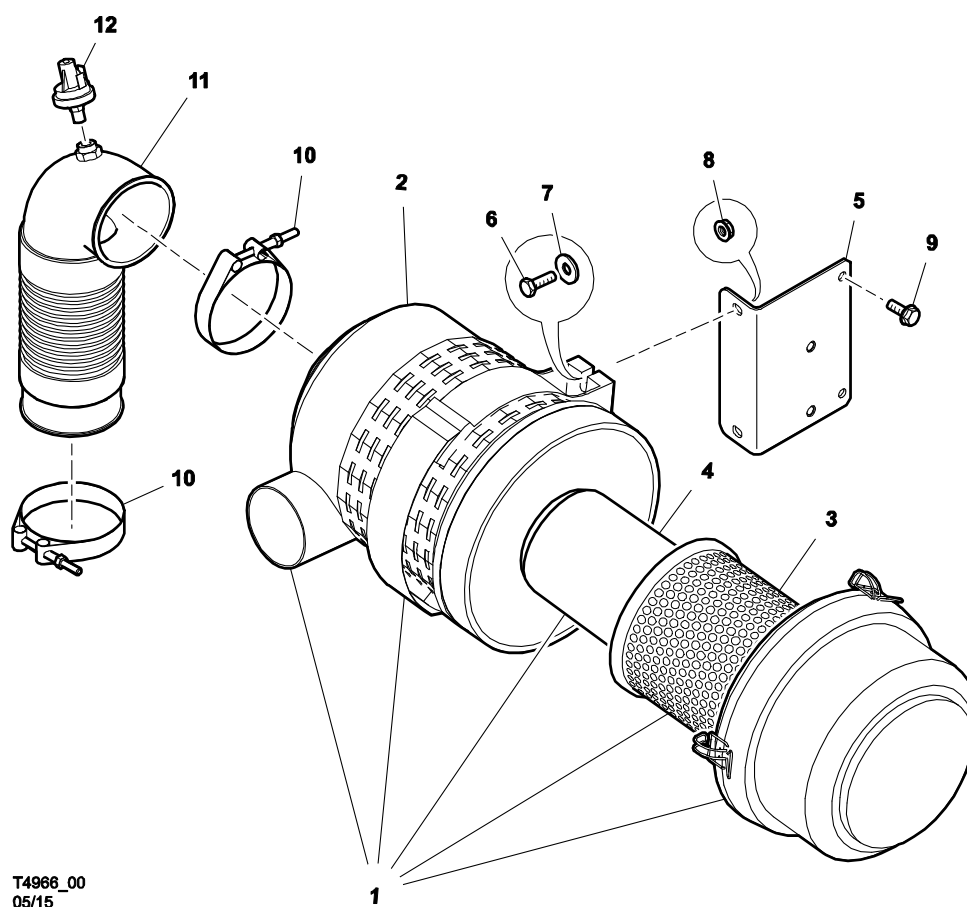


T4972\_00  
05/15

# AIREND ASSEMBLY

[illegible]

# AIR INTAKE (airend)



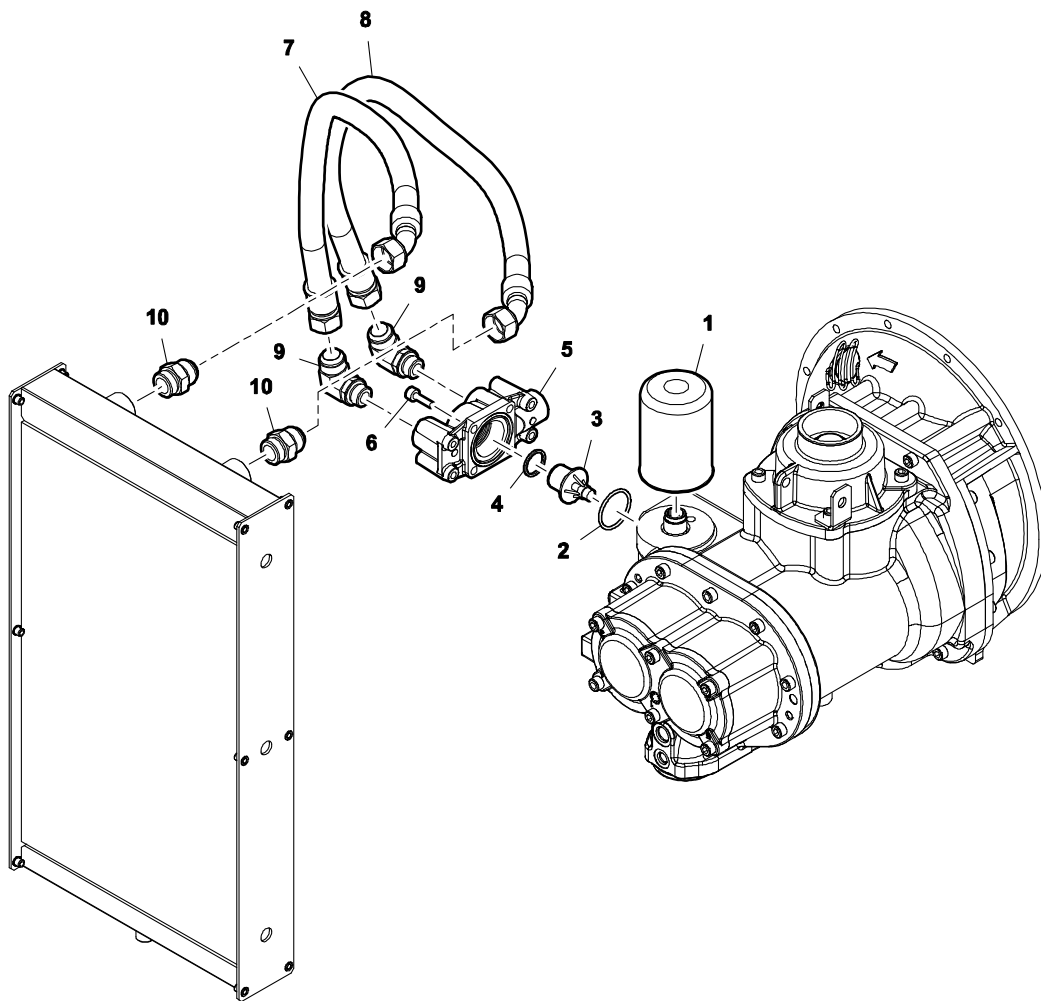
T4966\_00  
05/15



**AIR INTAKE**  
**(airend)**

[illegible]

## OIL/AIR PIPING

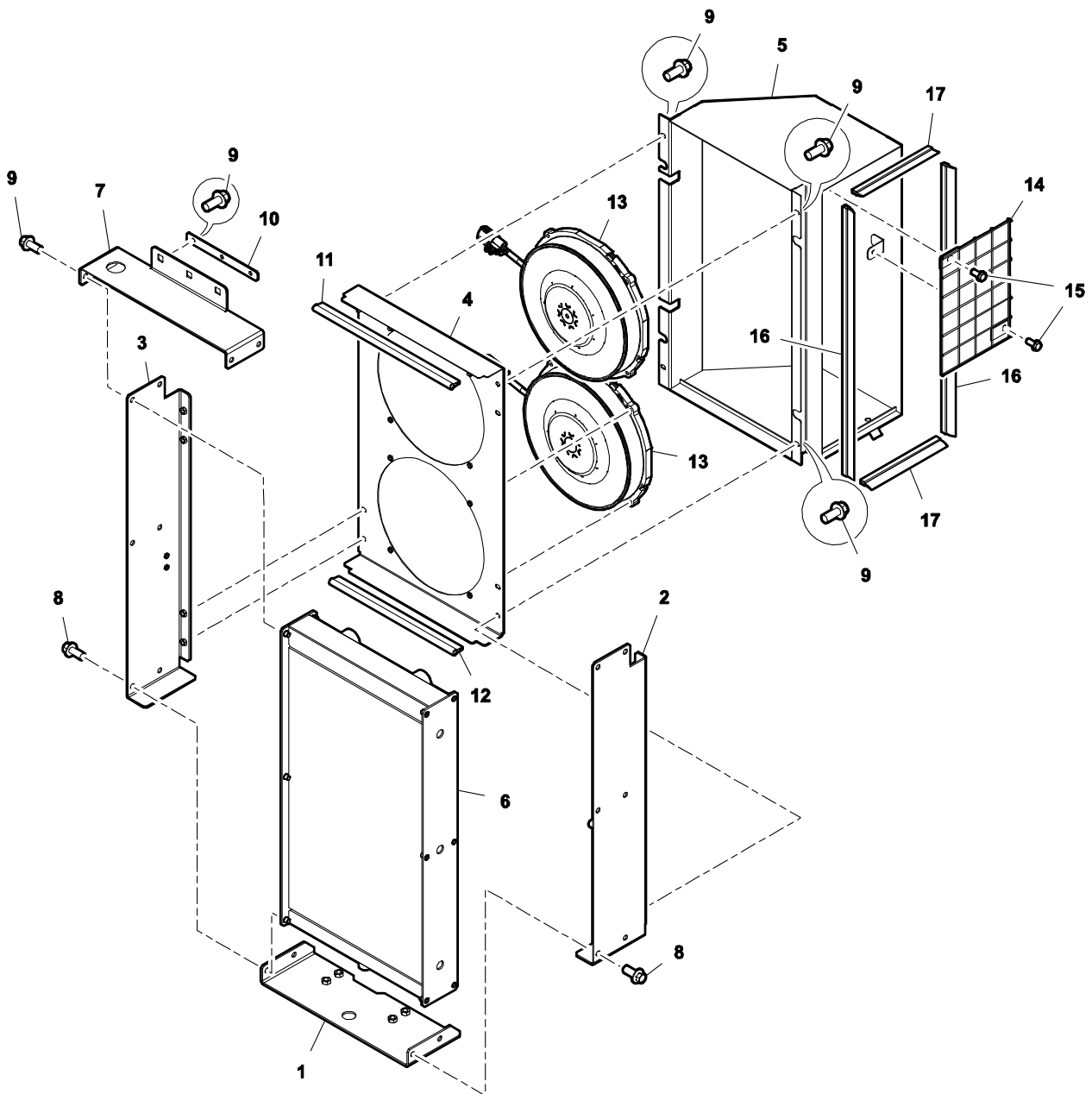


T4971\_00  
02/15

| OIL/AIR PIPING |  |
|----------------|--|
|                |  |

[illegible]

## OIL/AIR PIPING

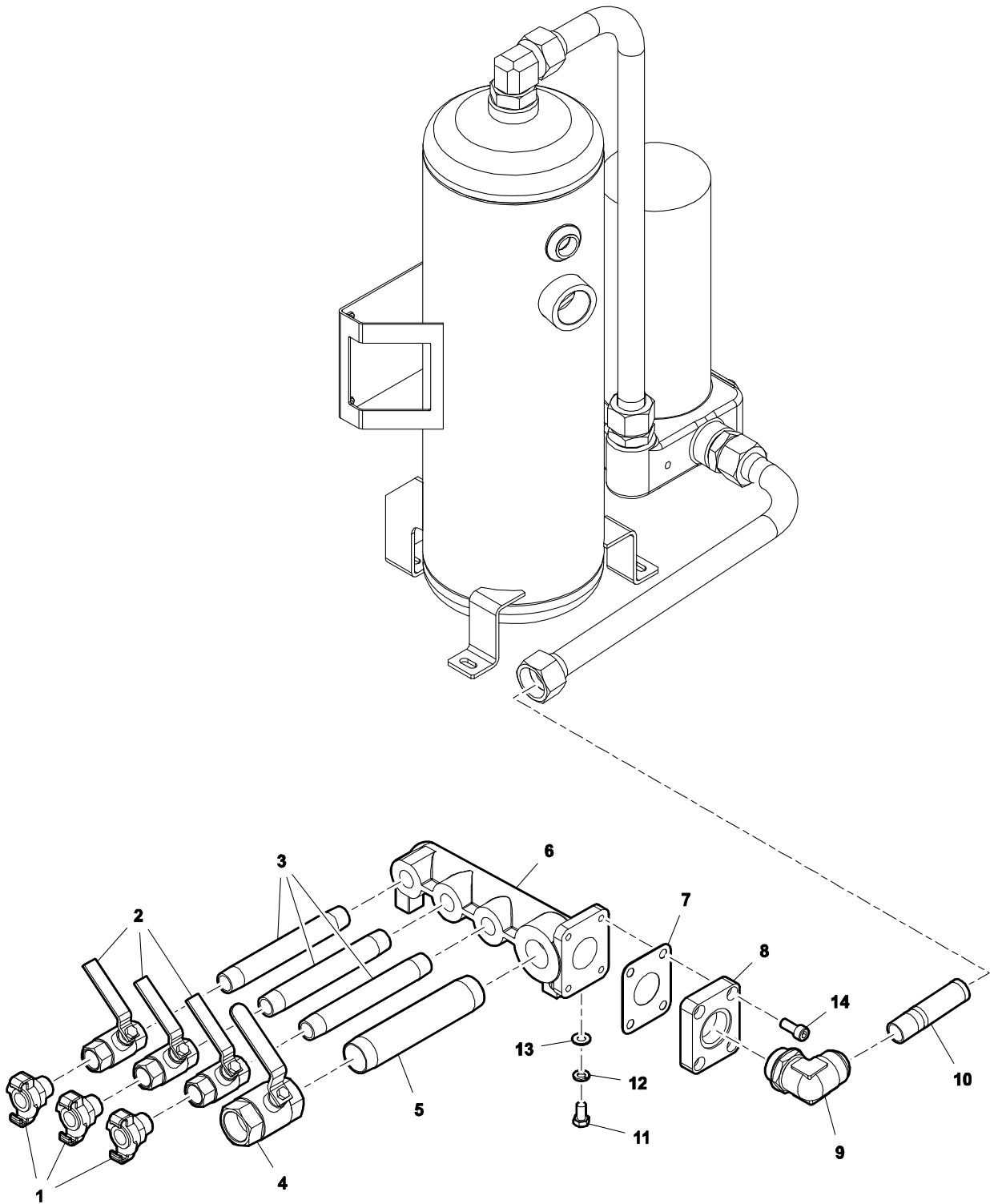


T4973\_00  
02/15

| OIL/AIR PIPING |  |
|----------------|--|
|                |  |

[illegible]

# OIL/AIR PIPING

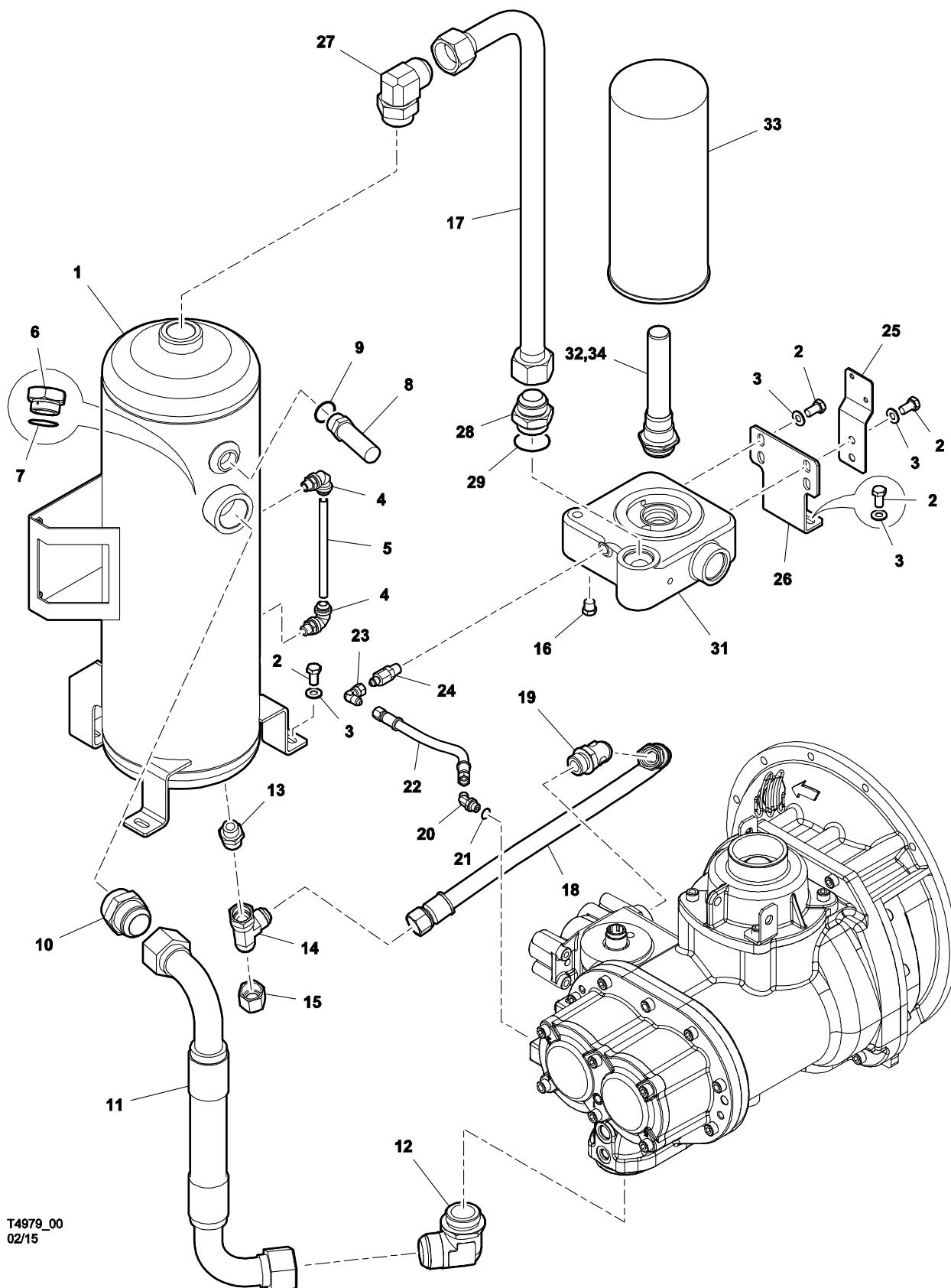


T4939\_00  
05/15

| OIL/AIR PIPING |  |
|----------------|--|
|                |  |

[illegible]

# SEPARATOR TANK



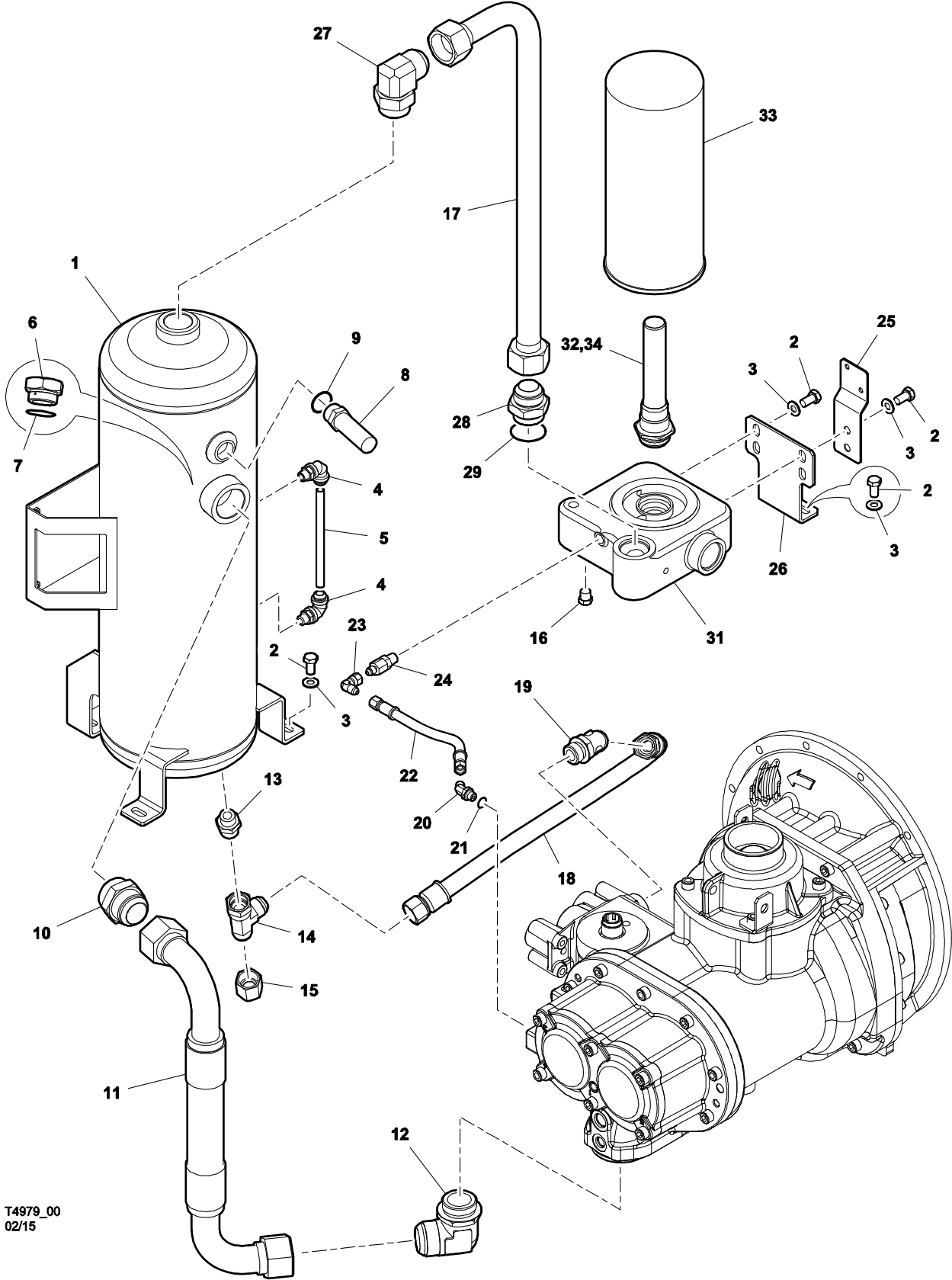
T4979\_00  
02/15



## SEPARATOR TANK

| Item | Part Number | Description             | Remarks      | Serial Number | Qty |
|------|-------------|-------------------------|--------------|---------------|-----|
| 1    | 46648000    | TANK, SEPARATOR         |              |               | 1   |
| 2    | 96702279    | SCREW                   |              |               | 10  |
| 3    | 95935037    | WASHER                  |              |               | 10  |
| 4    | 54403191    | ELBOW                   |              |               | 2   |
| 5    | 92823921    | SIGHT-GLASS             |              |               | 1   |
| 6    | 35579630    | PLUG                    |              |               | 1   |
| 7    | 35279942    | O-RING                  |              |               | 1   |
| 8    | 89308191    | VALVE, SAFETY           |              |               | 1   |
| 9    | 92290162    | SEAL                    |              |               | 1   |
| 10   | 46647203    | ADAPTOR                 |              |               | 1   |
| 11   | 46646280    | TUBE ASSEMBLY           |              |               | 1   |
| 12   | 95431292    | ELBOW                   |              |               | 1   |
| 13   | 92123223    | ADAPTOR                 |              |               | 1   |
| 14   | 35287739    | TEE                     |              |               | 1   |
| 15   | 35369214    | CAP                     |              |               | 1   |
| 16   | 95916367    | PLUG                    |              |               | 1   |
| 17   | 46643099    | TUBE ASSEMBLY           |              |               | 1   |
| 18   | 35330844    | HOSE ASSEMBLY           |              |               | 1   |
| 19   | 35294750    | ELBOW                   |              |               | 1   |
| 20   | 35279884    | ELBOW                   | W/Ref. 21    |               | 1   |
| 21   | 35279959    | O-RING                  |              |               | 1   |
| 22   | 35282904    | HOSE ASSEMBLY           |              |               | 1   |
| 23   | 35290352    | ELBOW                   |              |               | 1   |
| 24   | 36840437    | ADAPTOR                 |              |               | 1   |
| 25   | 46648099    | BRACKET                 |              |               | 1   |
| 26   | 46648059    | BRACKET                 |              |               | 1   |
| 27   | 92123231    | ELBOW                   |              |               | 1   |
| 28   | 35279785    | ADAPTOR                 | W/Ref. 29    |               | 1   |
| 29   | 35279942    | O-RING                  |              |               | 1   |
| 30   | 46629380    | SEPARATOR HEAD ASSEMBLY | W/Ref. 31-34 |               | 1   |
| 31   | 46624440    | BASE, FILTER            |              |               | 1   |

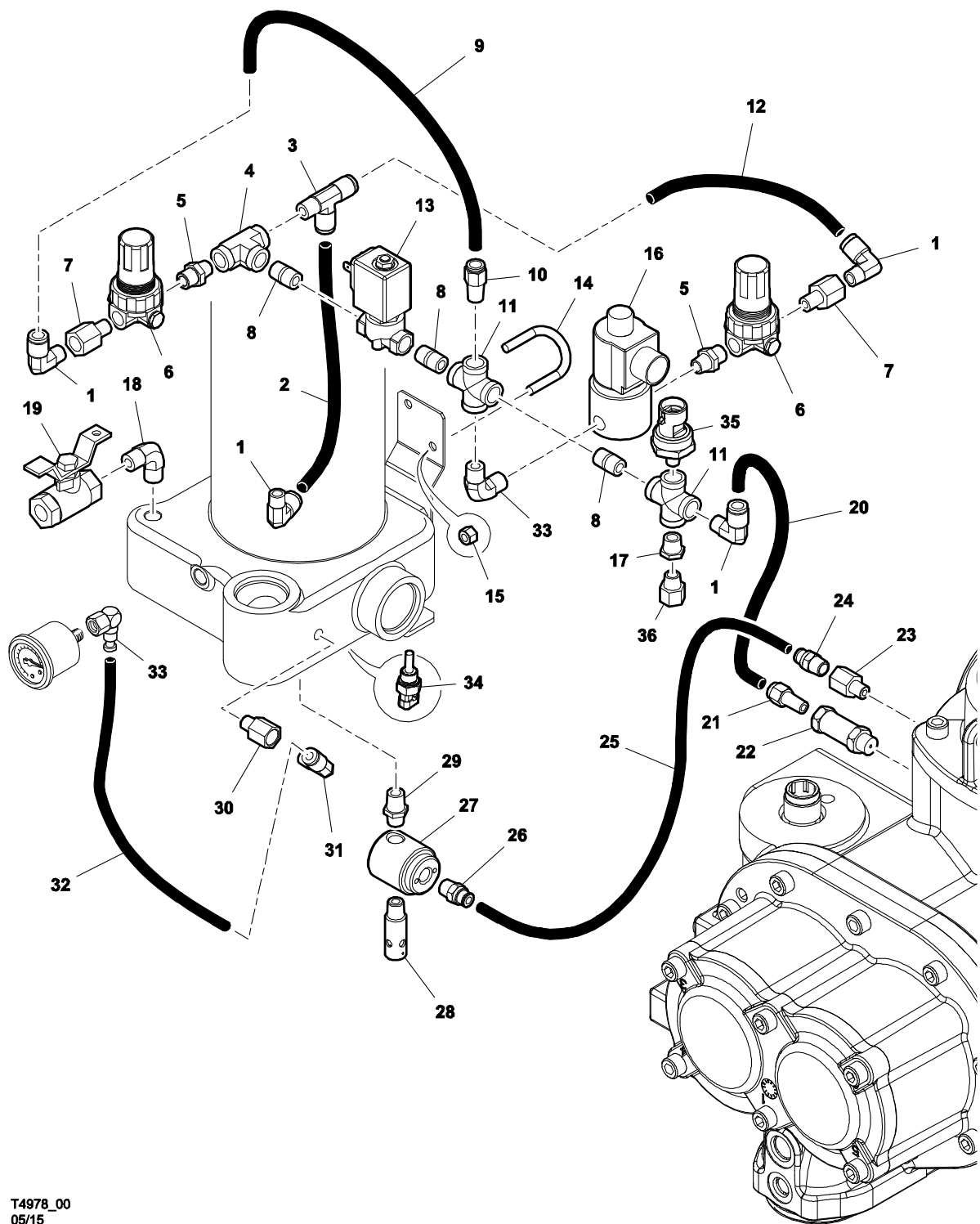
SEPARATOR TANK (CONT'D)



T4979\_00  
02/15

[illegible][illegible]

# REGULATION SYSTEM

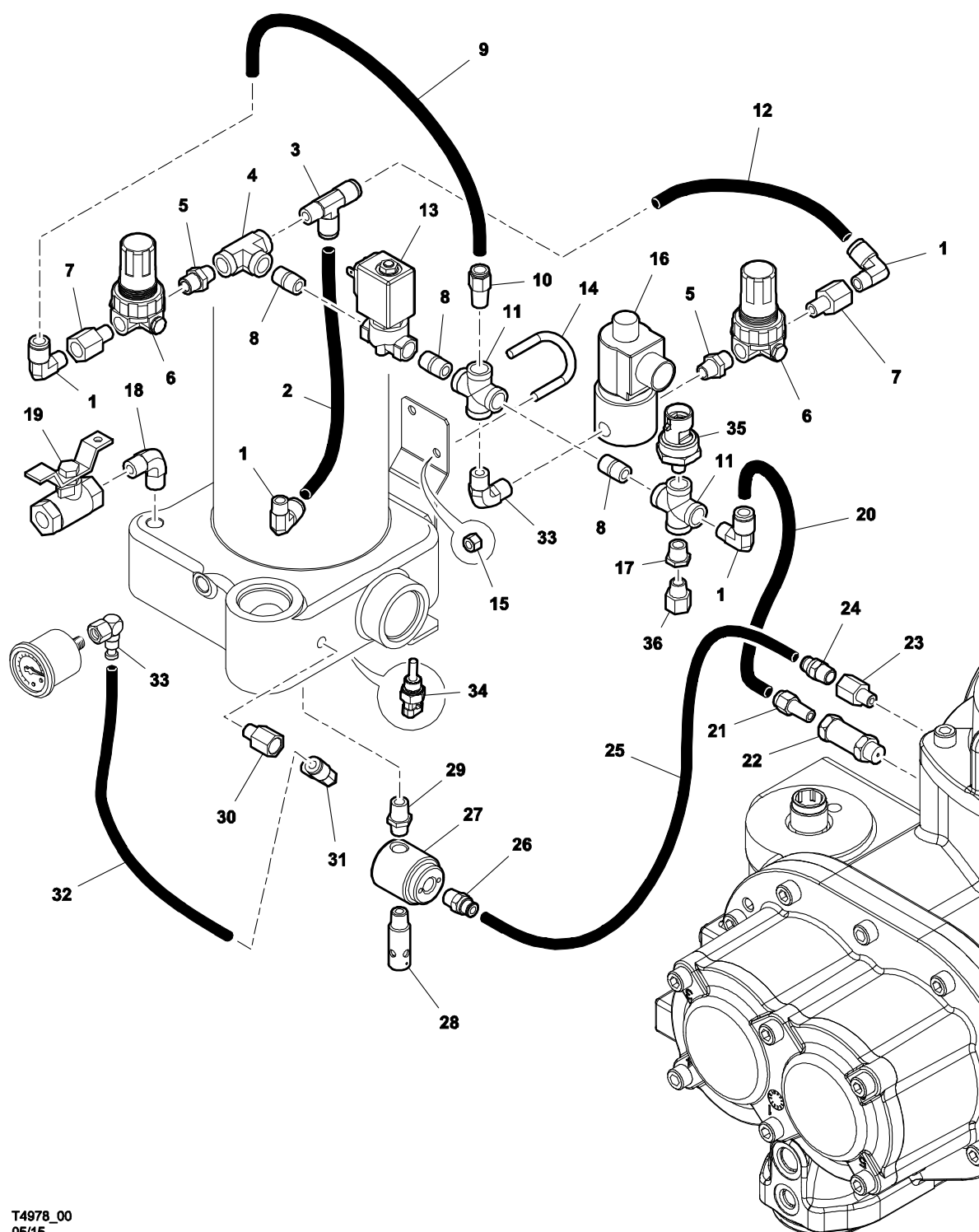


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05/15

## REGULATION SYSTEM

| Item | Part Number | Description         | Remarks                 | Serial Number | Qty |
|------|-------------|---------------------|-------------------------|---------------|-----|
| 1    | 35369354    | ELBOW               |                         |               | 4   |
| 2    | 35356484    | TUBE, NYLON         | 0,32 m long             |               | 1   |
| 3    | 35369503    | TEE                 |                         |               | 1   |
| 4    | 46547824    | TEE                 |                         |               | 1   |
| 5    | 46622211    | ADAPTOR             |                         |               | 2   |
| 6    | 46635923    | REGULATOR, PRESSURE |                         |               | 2   |
| 7    | 54625702    | ADAPTOR             |                         |               | 2   |
| 8    | 95667341    | NIPPLE              |                         |               | 3   |
| 9    | 35356484    | TUBE, NYLON         | 0,41 m long             |               | 1   |
| 10   | 35369347    | CONNECTOR           |                         |               | 1   |
| 11   | 95954293    | CROSS               |                         |               | 2   |
| 12   | 35356484    | TUBE, NYLON         | 0,31 m long             |               | 1   |
| 13   | 46626320    | VALVE, SOLENOID     |                         |               | 1   |
| 14   | 35166404    | BOLT, U             |                         |               | 1   |
| 15   | 95923298    | NUT                 |                         |               | 2   |
| 16   | 46555970    | VALVE, SOLENOID     |                         |               | 1   |
| 17   | 95930301    | BUSH                |                         |               | 1   |
| 18   | 95364469    | ELBOW               |                         |               | 1   |
| 19   | 35324839    | VALVE, BALL         |                         |               | 1   |
| 20   | 35356484    | TUBE, NYLON         | 0,3 m long              |               | 1   |
| 21   | 35379700    | CONNECTOR           |                         |               | 1   |
| 22   | 46673582    | VALVE, CHECK        |                         |               | 1   |
| 23   | 46624007    | ADAPTOR             |                         |               | 1   |
| 24   | 92788959    | ADAPTOR             |                         |               | 1   |
| 25   | 92490358    | TUBE, NYLON         | 0,42 m long - (6 mm OD) |               | 1   |
| 26   | 92788959    | ADAPTOR             |                         |               | 1   |
| 27   | 54748363    | VALVE, BLOWDOWN     |                         |               | 1   |
| 28   | 92549369    | ORIFICE, SILENCER   |                         |               | 1   |
| 29   | 46557840    | CONNECTOR           |                         |               | 1   |
| 30   | 46624007    | ADAPTOR             |                         |               | 1   |
| 31   | 54403266    | ELBOW               |                         |               | 1   |

## REGULATION SYSTEM (CONT'D)

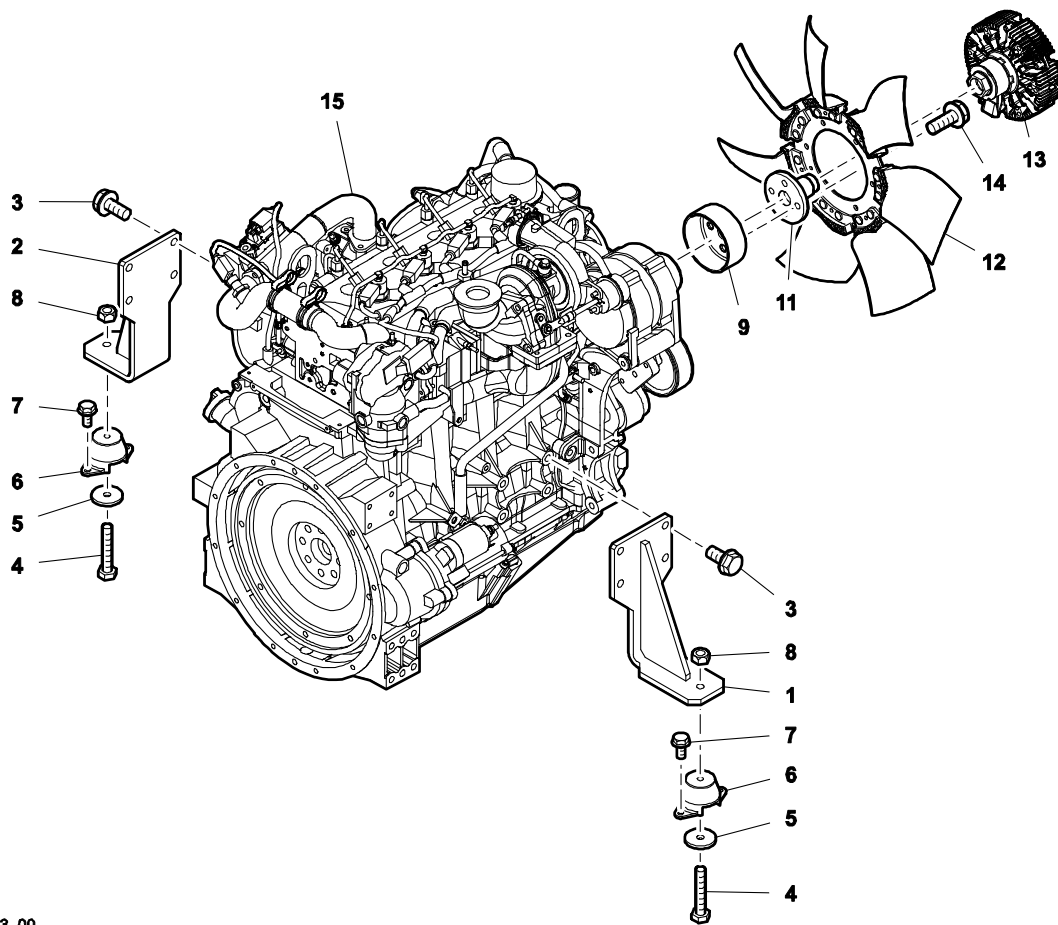


T4978\_00  
05/15

## REGULATION SYSTEM (CONT'D)

[illegible]

# ENGINE ASSEMBLY



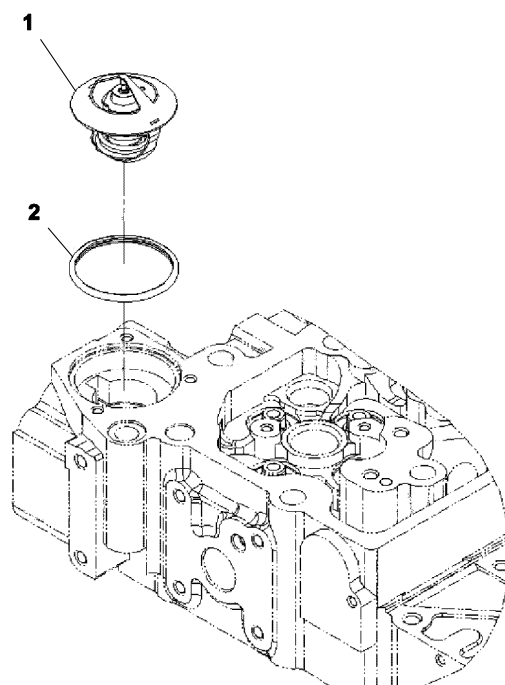
T4963\_00  
05/15



# ENGINE ASSEMBLY

[illegible]

## THERMOSTAT

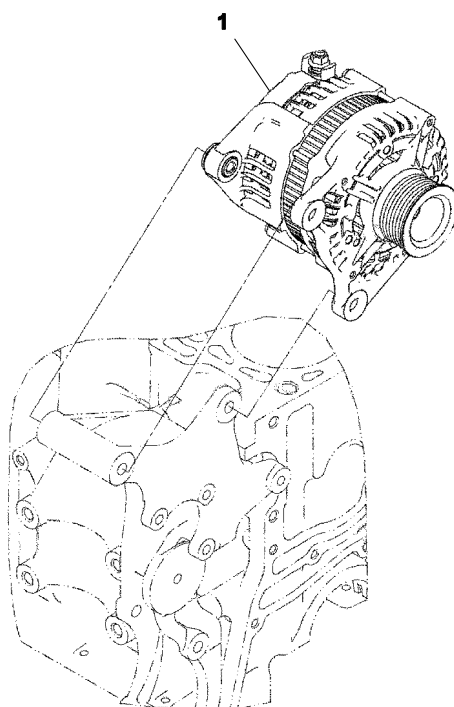


T4940\_00  
01/15

# THERMOSTAT

[illegible]

## ALTERNATOR

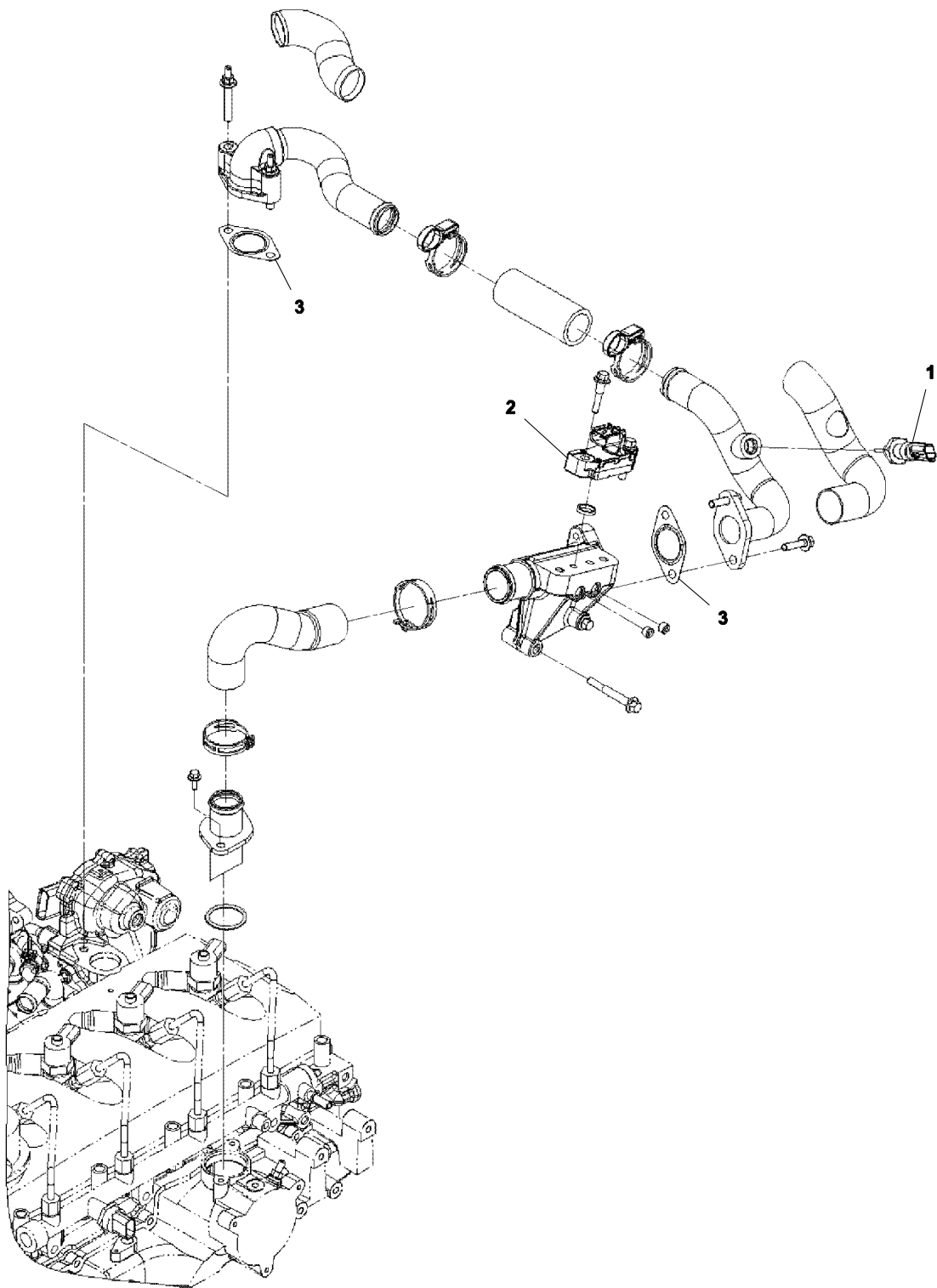


T4941\_00  
01/15

# ALTERNATOR

[illegible]

EXHAUST RCN AIR PIPING

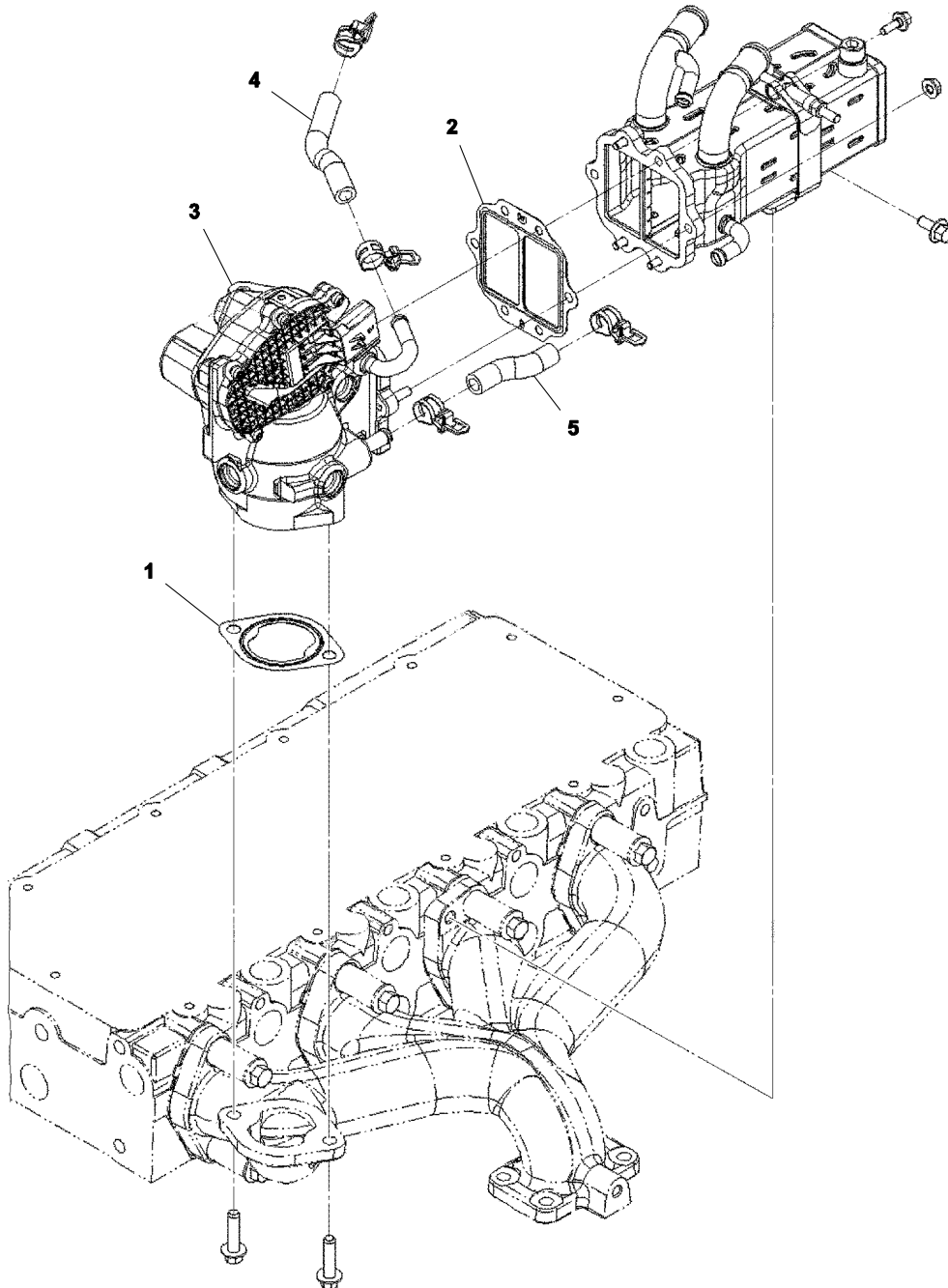


T4942\_00  
01/15

| EXHAUST RCN AIR PIPING |  |
|------------------------|--|
|------------------------|--|

[illegible]

## EXHAUST RECIRCULATION



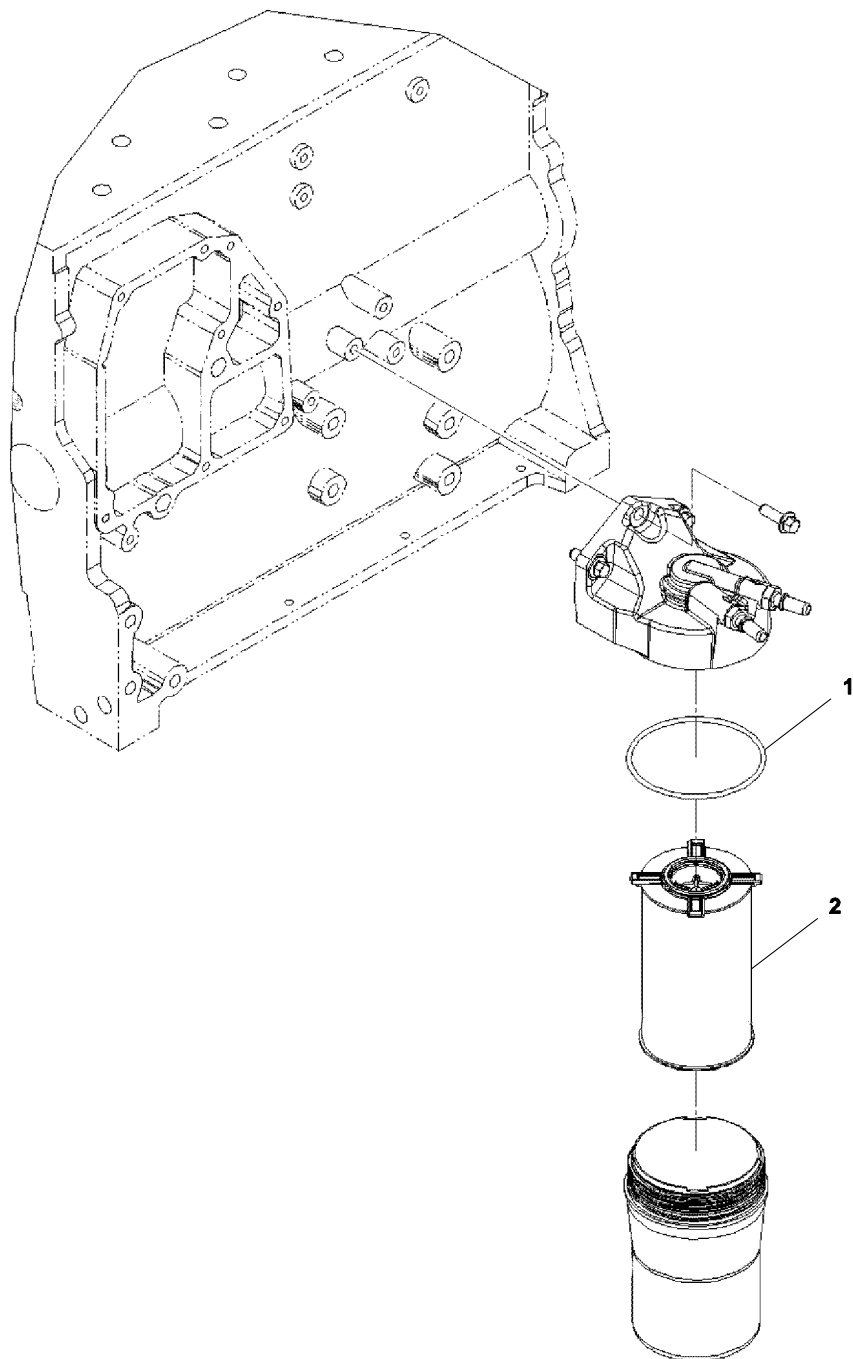
T4943\_00  
01/15



## EXHAUST RECIRCULATION

[illegible]

**FUEL FILTER LOCATION**

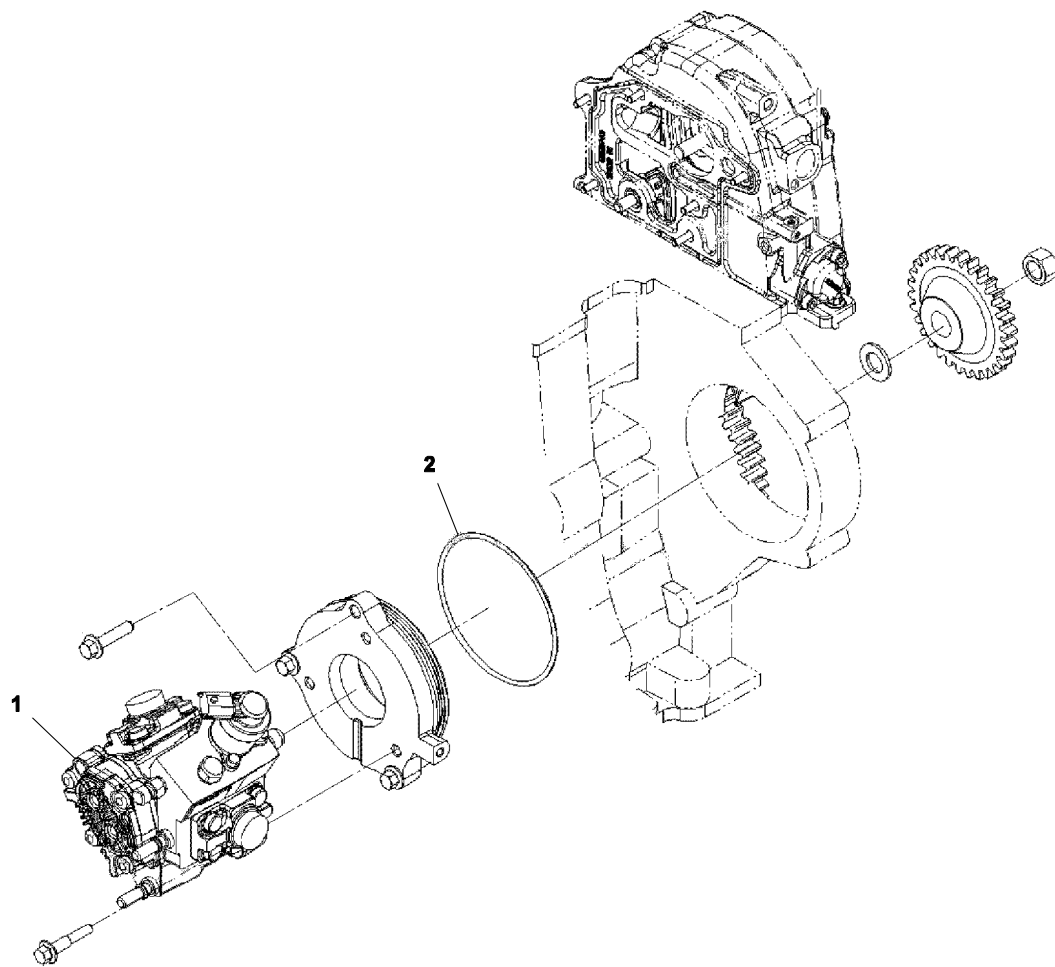


T4944\_00  
01/15

| FUEL FILTER LOCATION |  |
|----------------------|--|
|                      |  |

[illegible]

## FUEL PUMP

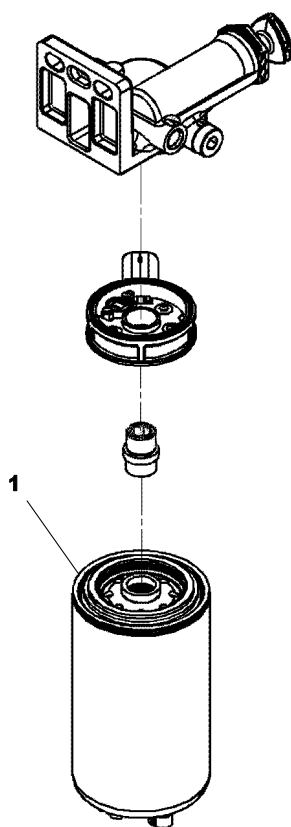


T4945\_00  
01/15

|           |  |
|-----------|--|
| FUEL PUMP |  |
|-----------|--|

[illegible]

## FUEL WATER SEPARATOR

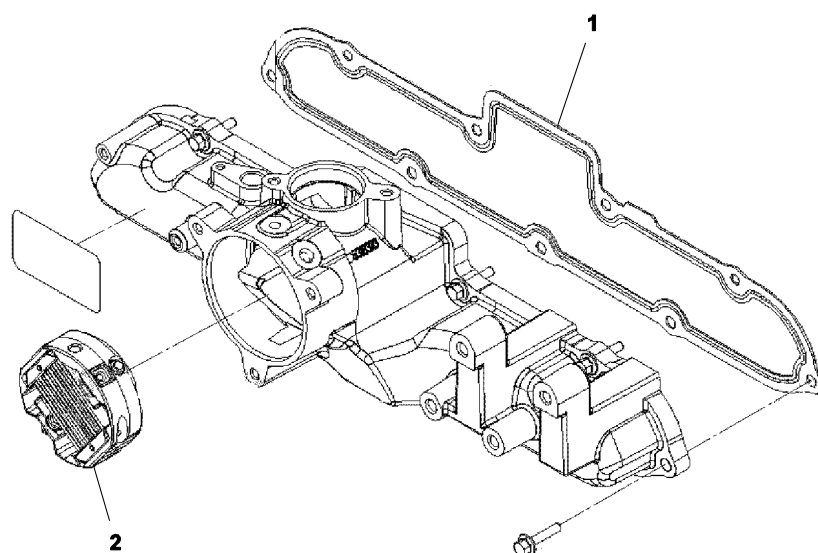


T4946\_00  
01/15

|                      |  |
|----------------------|--|
| FUEL WATER SEPARATOR |  |
|----------------------|--|

[illegible]

## AIR INTAKE MANIFOLD



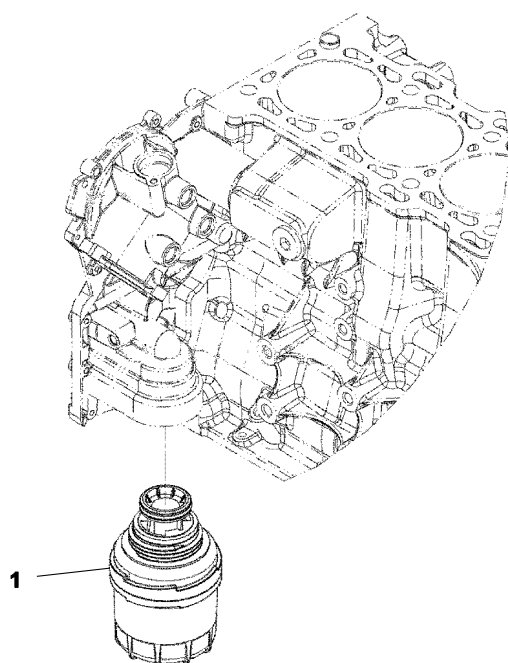
T4947\_00  
01/15



## AIR INTAKE MANIFOLD

[illegible]

## FULL FLOW OIL FILTER

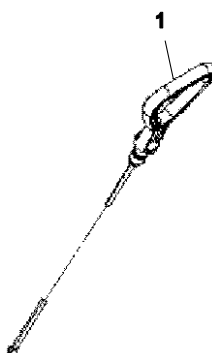


T4948\_00  
01/15

**FULL FLOW OIL FILTER**

[illegible]

## OIL LEVEL GAUGE

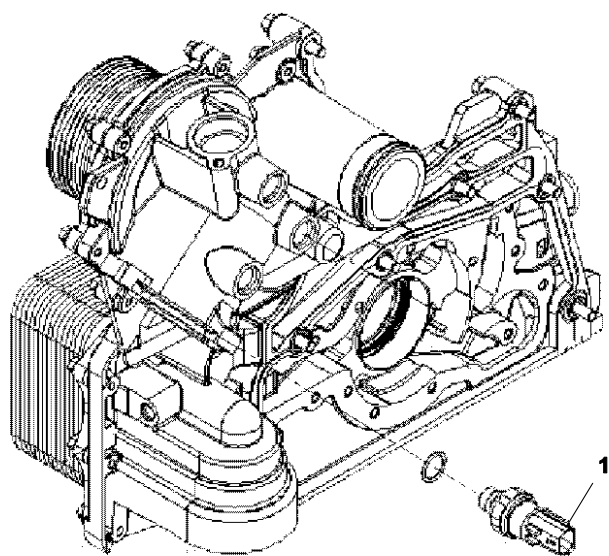


T4949\_00  
01/15

# OIL LEVEL GAUGE

[illegible]

## OIL LUBRICATING PUMP

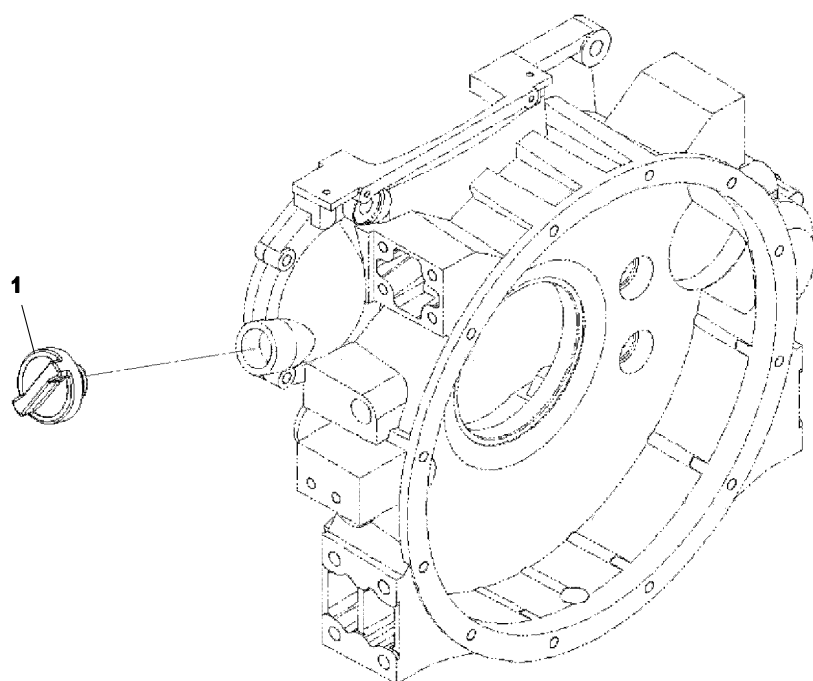


T4950\_00  
01/15

|                      |  |
|----------------------|--|
| OIL LUBRICATING PUMP |  |
|----------------------|--|

[illegible]

## OIL FILL ARRANGEMENT



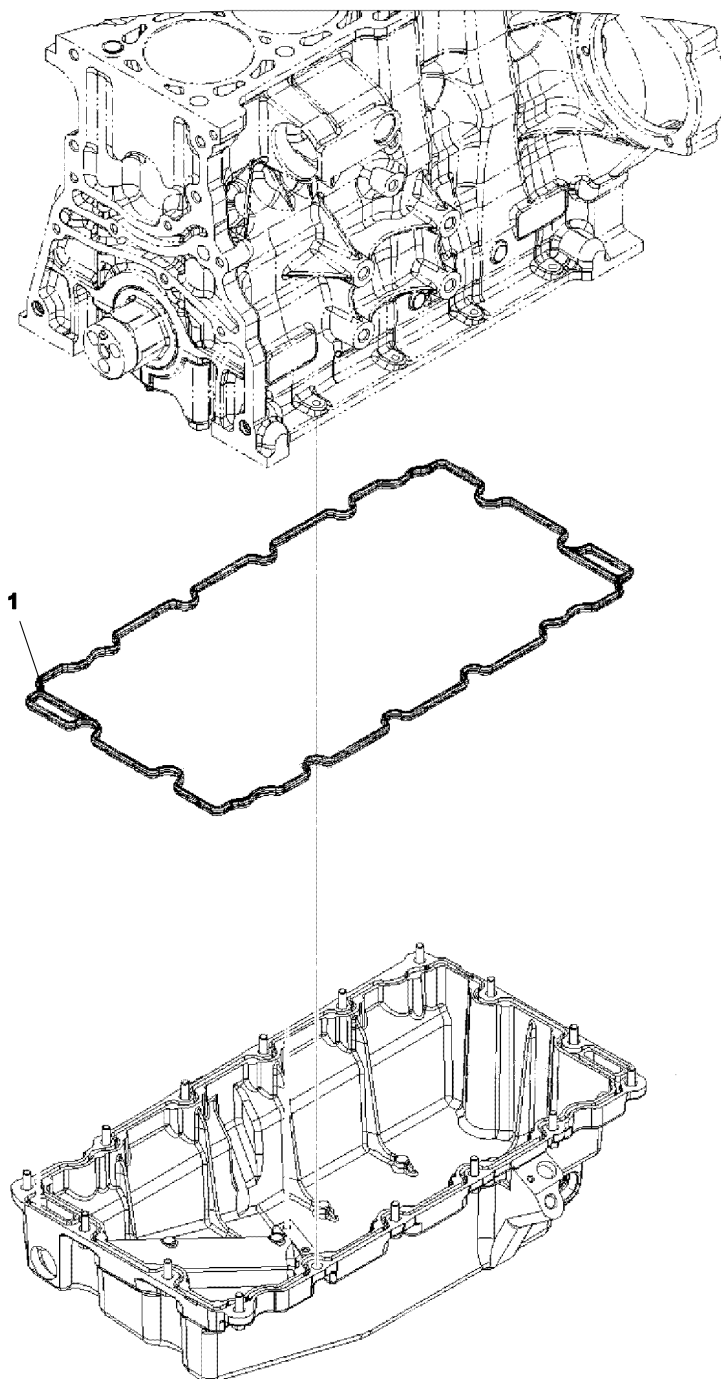
T4951\_00  
01/15



|                      |  |
|----------------------|--|
| OIL FILL ARRANGEMENT |  |
|                      |  |

[illegible]

## OIL PAN

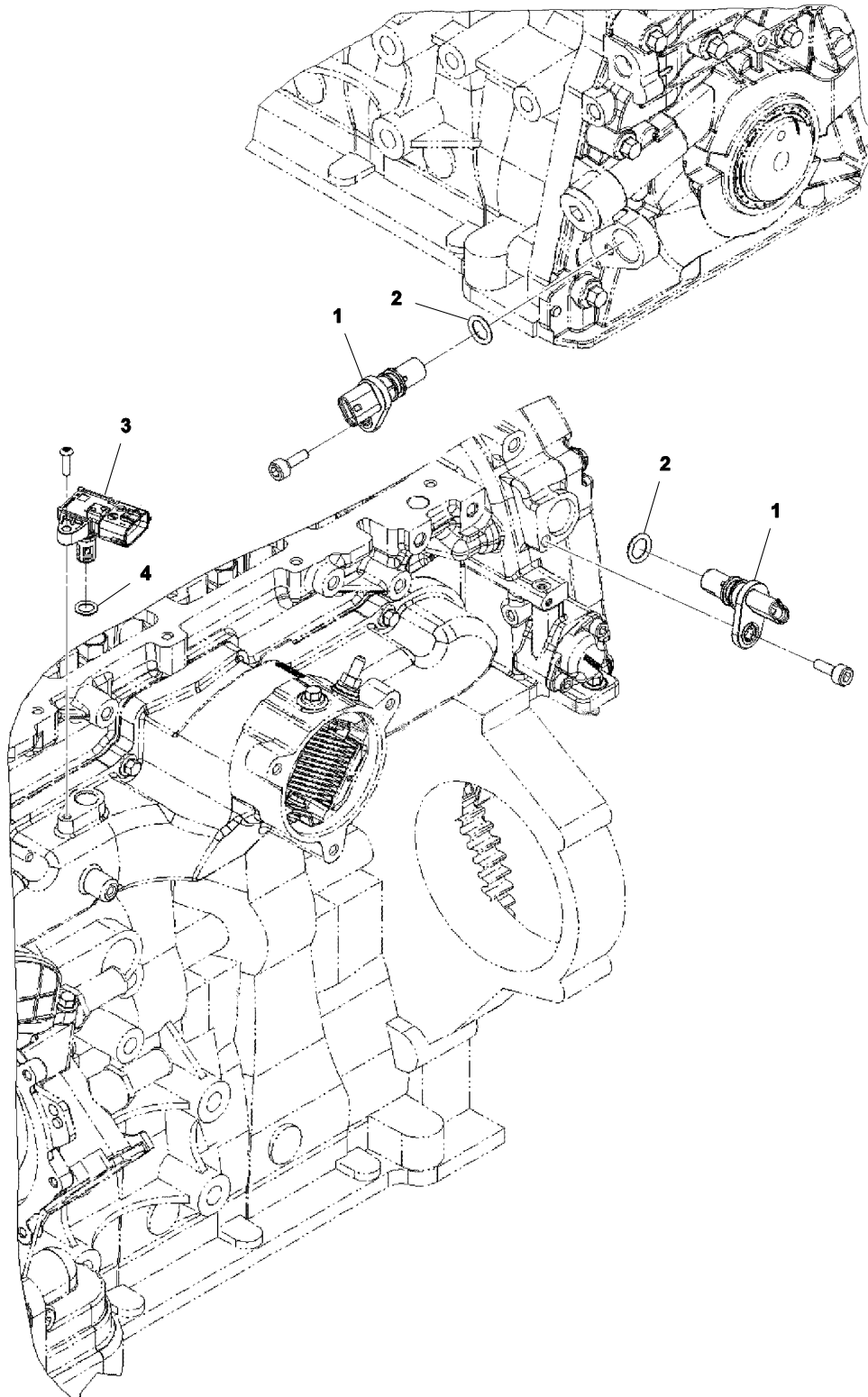


T4952\_00  
01/15

# OIL PAN

[illegible]

## ENGINE CONTROL MODULE

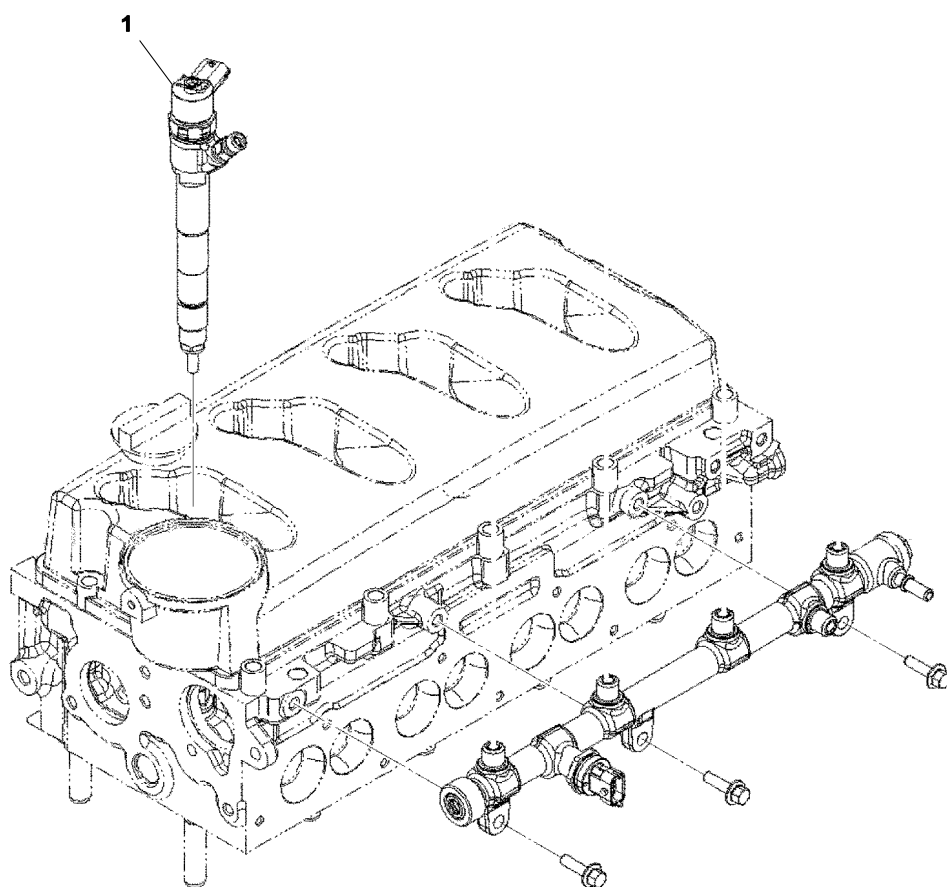


T4954\_00  
01/15

# ENGINE CONTROL MODULE

[illegible]

## INJECTOR

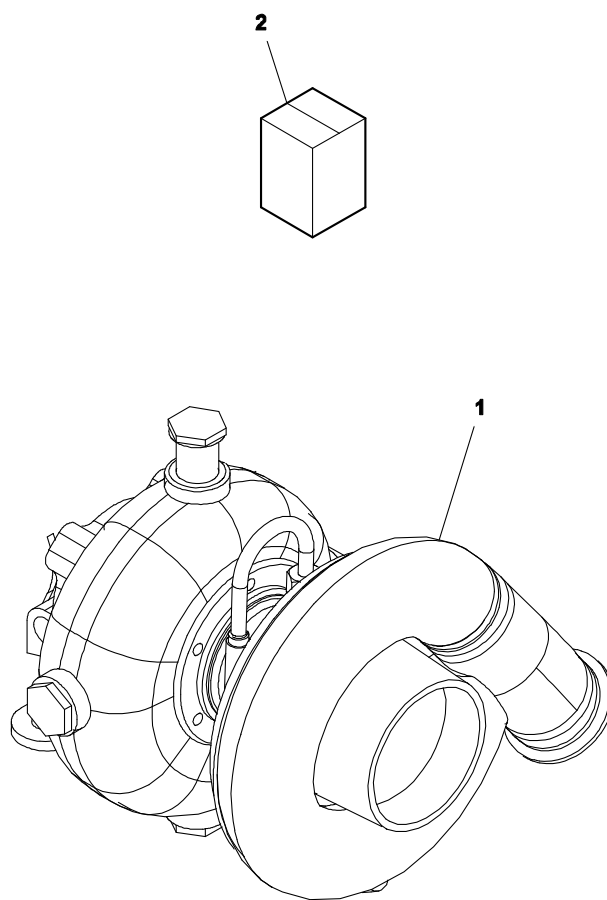


T4955\_00  
01/15

# INJECTOR

[illegible]

## TURBOCHARGER



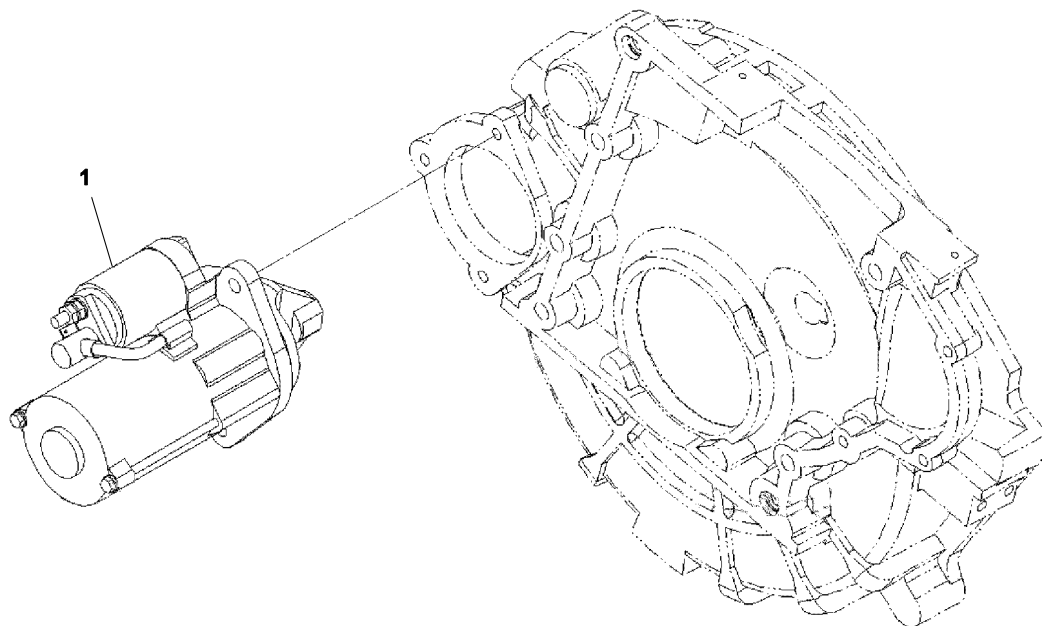
T4956\_00  
05/15



# TURBOCHARGER

[illegible]

## STARTER MOTOR

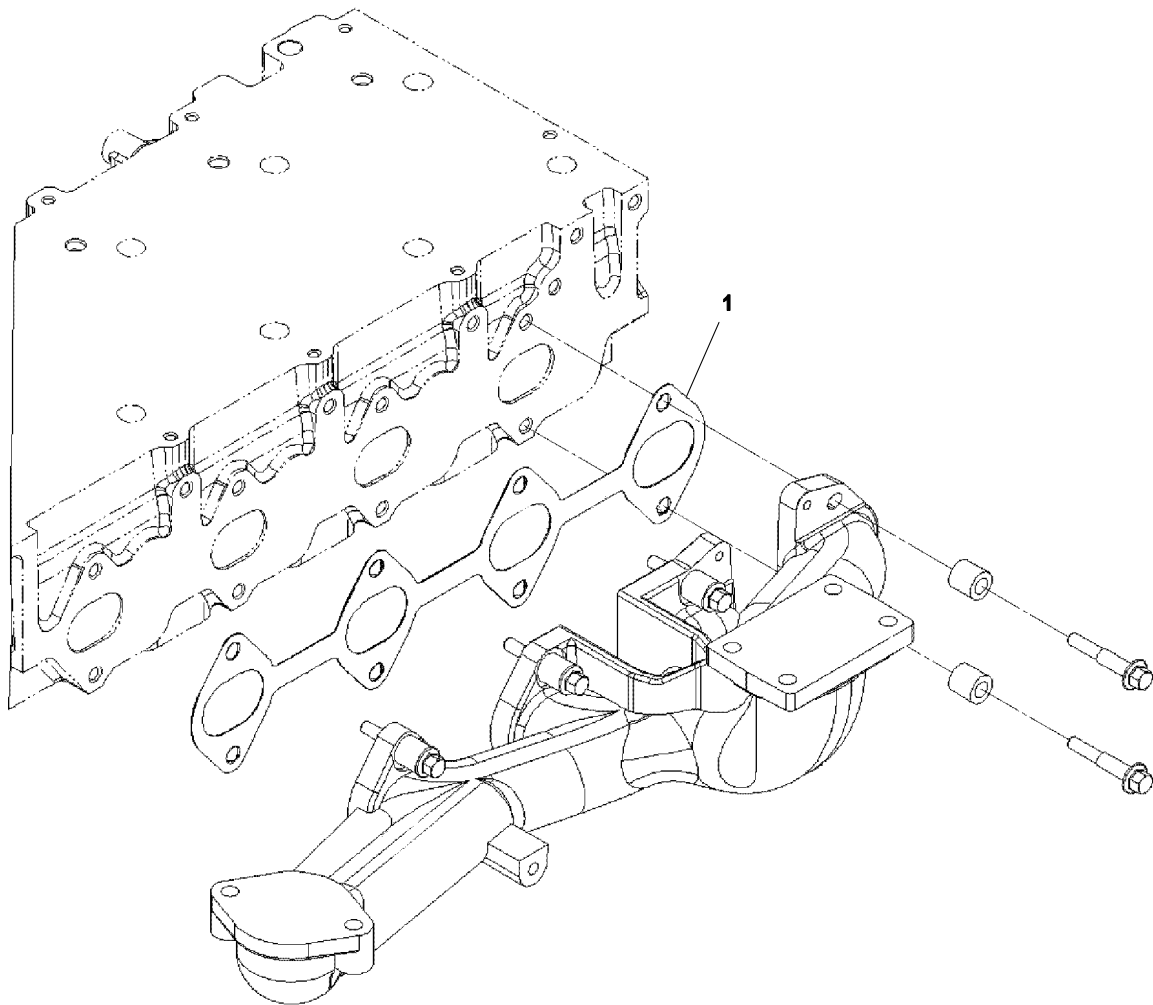


T4957\_00  
01/15

## STARTER MOTOR

[illegible]

## TURBOCHARGER ARRANGEMENT

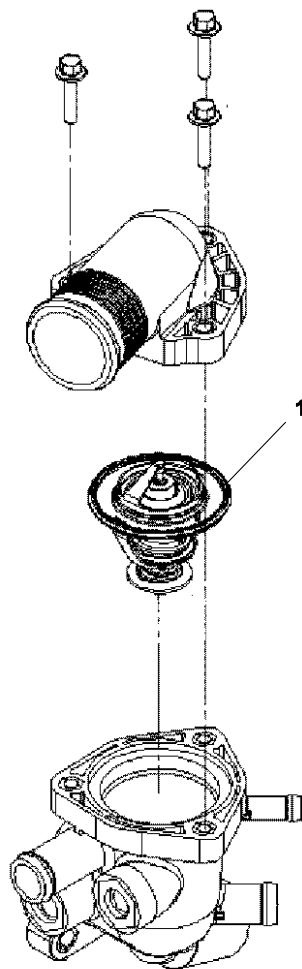


T4958\_00  
01/15

## TURBOCHARGER ARRANGEMENT

[illegible]

# THERMOSTAT HOUSING

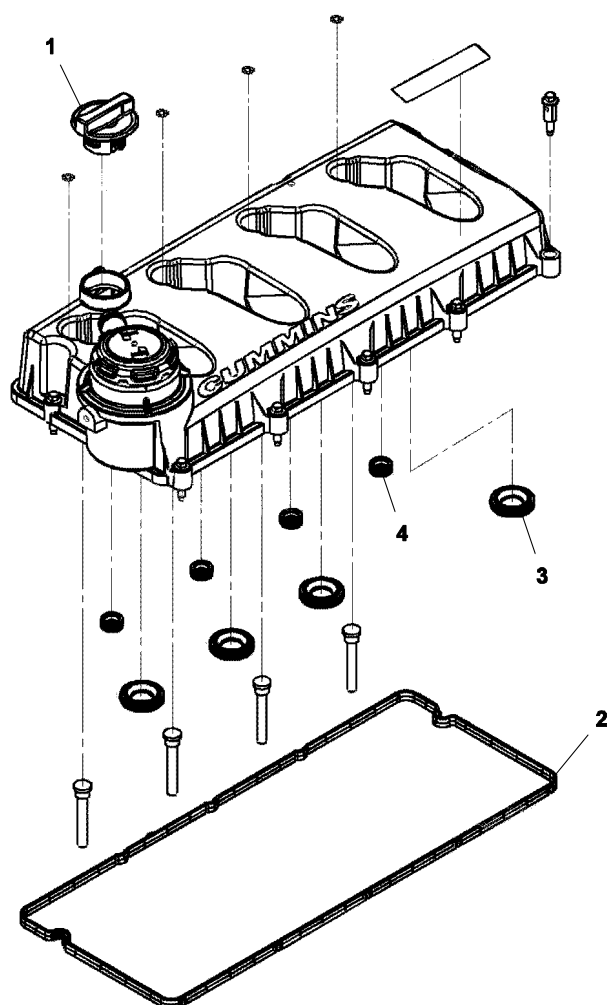


T4959\_00  
01/15

## THERMOSTAT HOUSING

[illegible]

## VALVE COVER



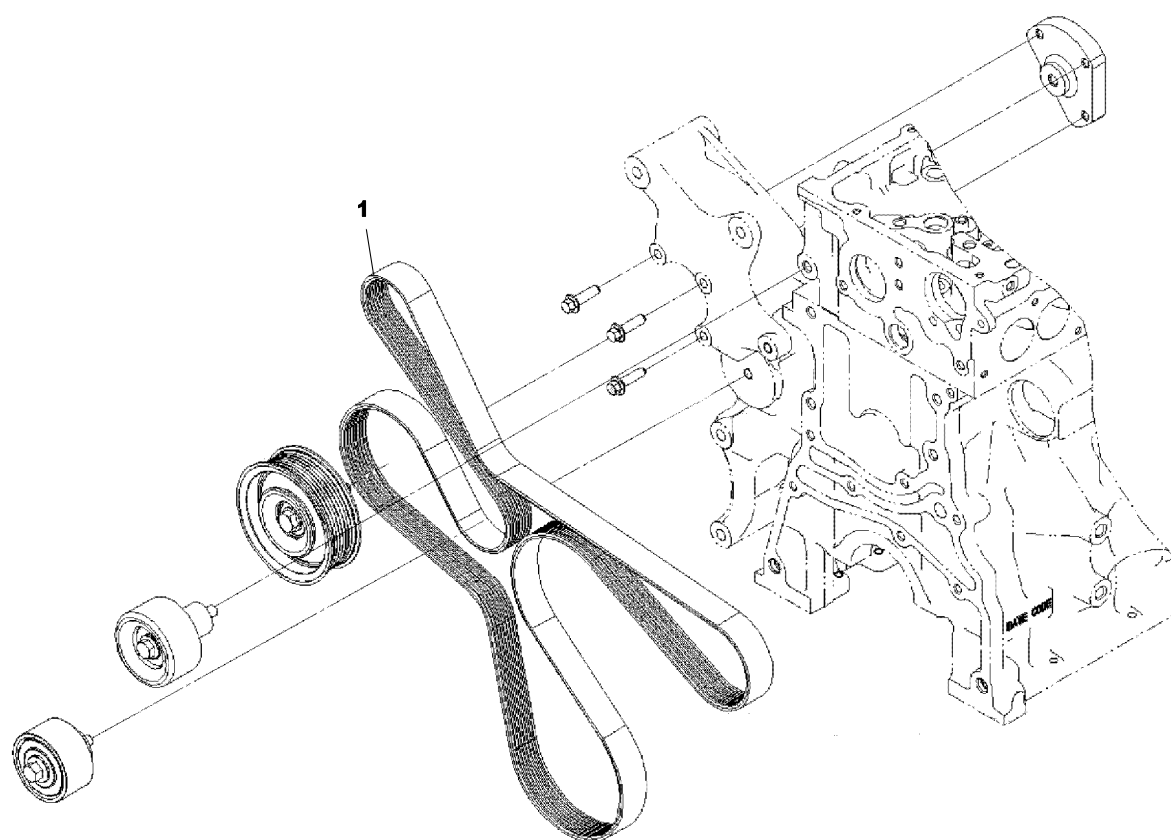
T4960\_00  
01/15



|             |  |
|-------------|--|
| VALVE COVER |  |
|-------------|--|

[illegible]

## WATER PUMP DRIVE

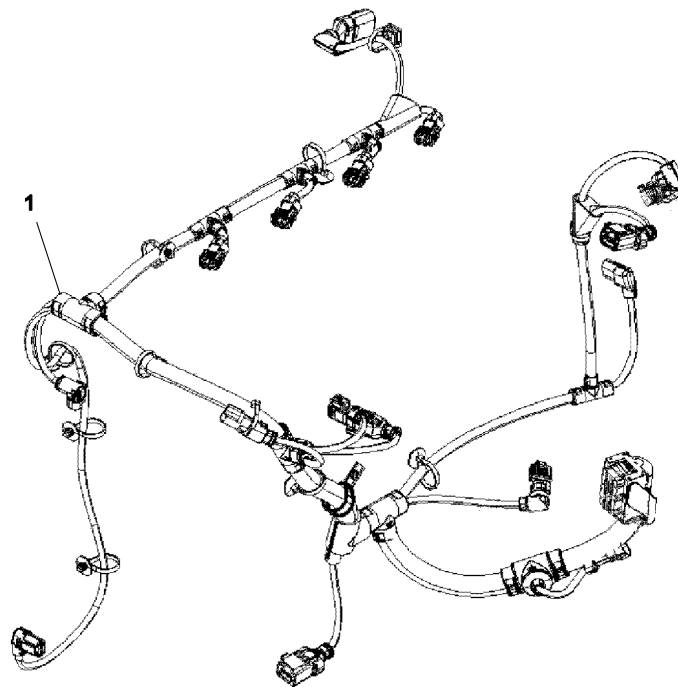


T4961\_00  
01/15

# WATER PUMP DRIVE

[illegible]

## ENGINE WIRING HARNESS

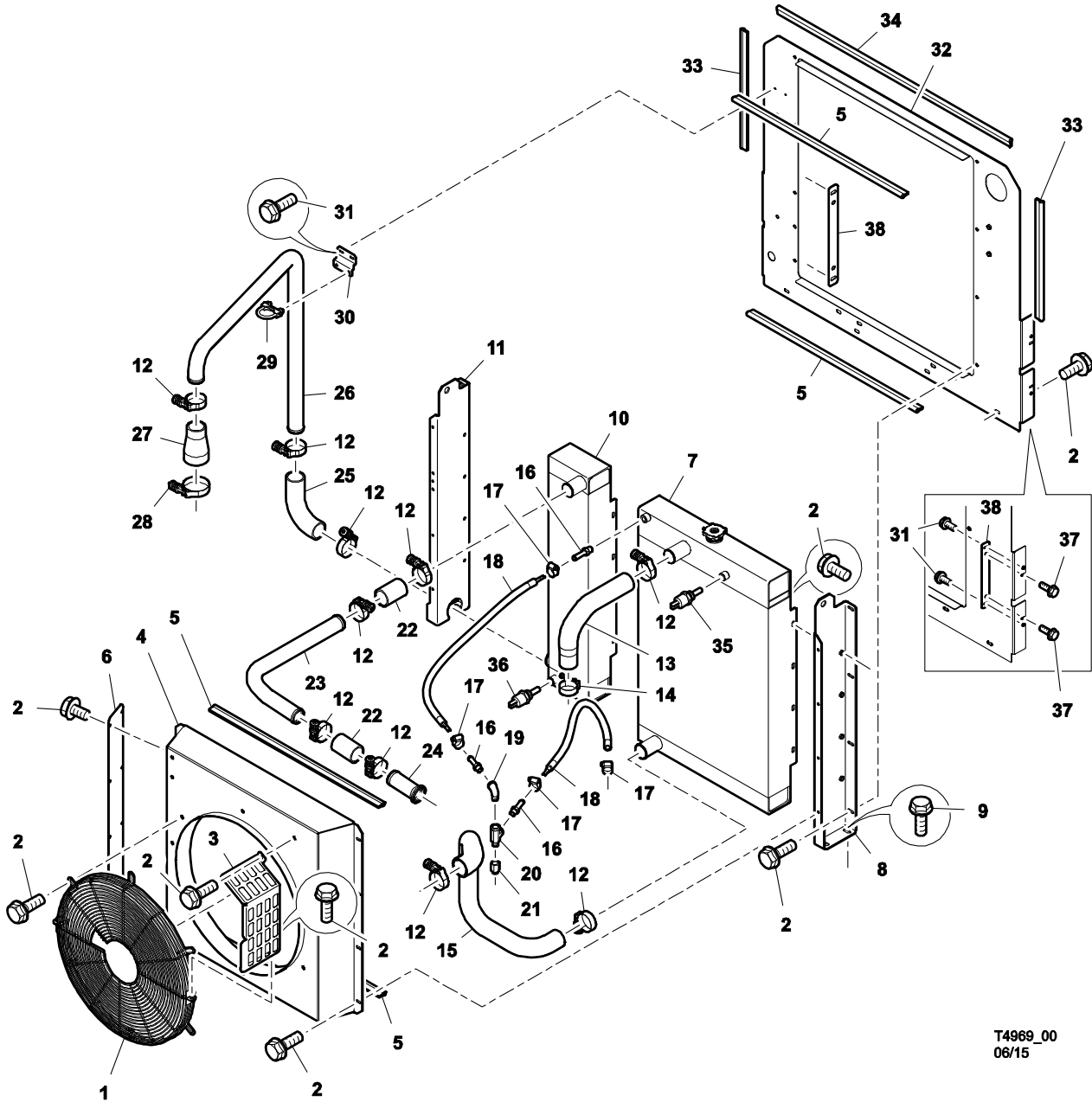


T4962\_00  
01/15

## ENGINE WIRING HARNESS

[illegible]

## COOLING SYSTEM (coolers and guards)

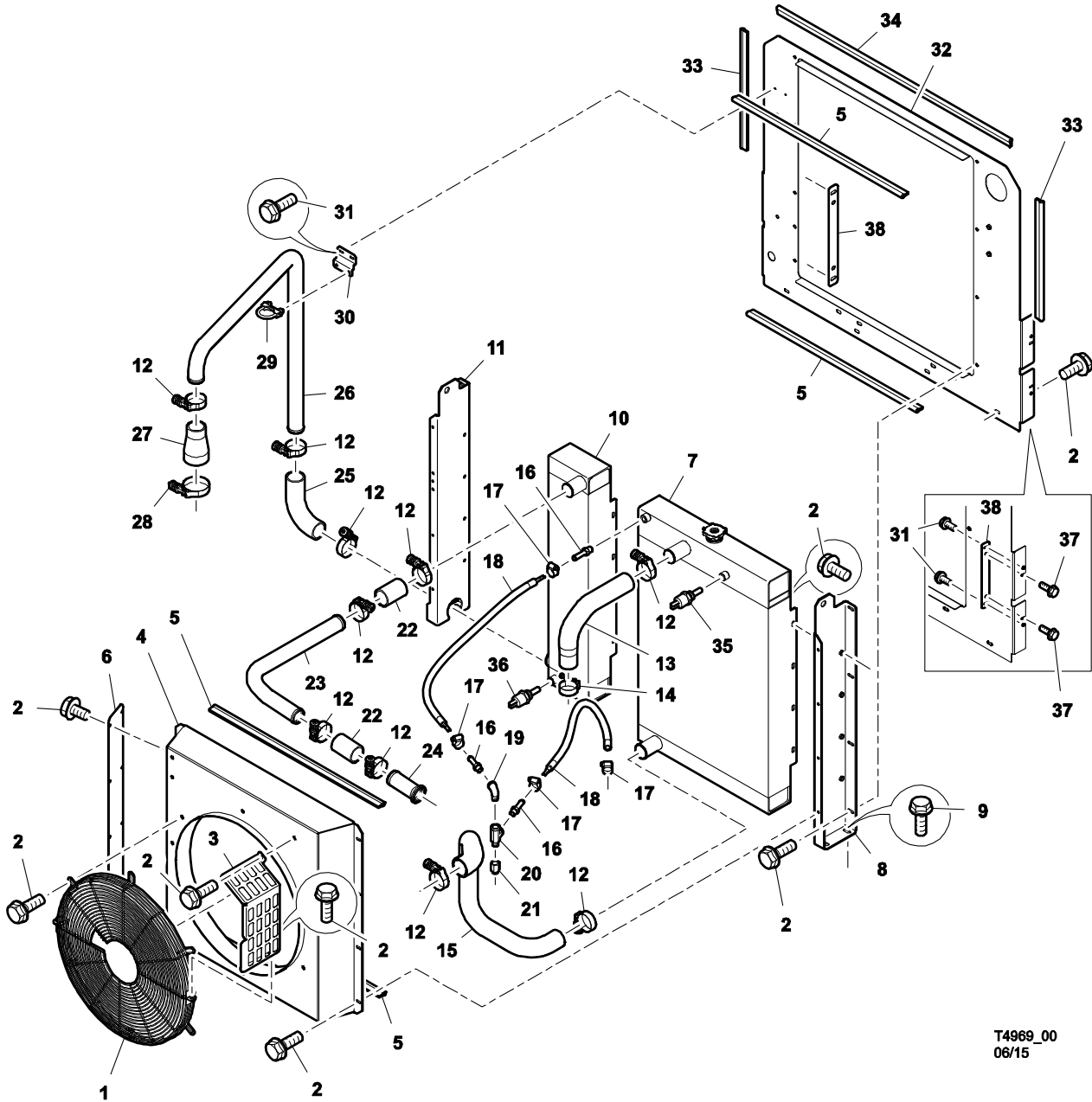


T4969\_00  
06/15

## COOLING SYSTEM (coolers and guards)

| Item | Part Number | Description    | Remarks                          | Serial Number | Qty |
|------|-------------|----------------|----------------------------------|---------------|-----|
| 1    | 46654842    | GUARD, FAN     |                                  |               | 1   |
| 2    | 96704408    | SCREW          |                                  |               | AR  |
| 3    | 46655183    | GUARD          |                                  |               | 1   |
| 4    | 46643277    | SHROUD, FAN    |                                  |               | 1   |
| 5    | 92899699    | SEAL           | 0,72 m long                      |               | 4   |
| 6    | 46651930    | COVER          |                                  |               | 1   |
| 7    | 46651539    | RADIATOR       |                                  |               | 1   |
| 8    | 46650533    | BAFFLE         |                                  |               | 1   |
| 9    | 92472638    | SCREW          |                                  |               | 4   |
| 10   | 46651540    | COOLER         |                                  |               | 1   |
| 11   | 46643276    | BAFFLE         |                                  |               | 1   |
| 12   | 22189302    | CLAMP          |                                  |               | 18  |
| 13   | 46646287    | HOSE           |                                  |               | 1   |
| 14   | 23071475    | CLAMP          |                                  |               | 1   |
| 15   | 46646288    | HOSE           |                                  |               | 1   |
| 16   | 46649619    | CONNECTOR      |                                  |               | 3   |
| 17   | 95264776    | CLAMP          |                                  |               | 4   |
| 18   | 35285600    | HOSE           | 0,65 m long - (9.5 mm (3/8") ID) |               | 2   |
| 19   | 95944666    | ELBOW          |                                  |               | 1   |
| 20   | 46547840    | TEE            |                                  |               | 1   |
| 21   | 22246714    | ADAPTOR        |                                  |               | 1   |
| 22   | 46651897    | HOSE           |                                  |               | 2   |
| 23   | 46655234    | TUBE           |                                  |               | 1   |
| 24   | 46655243    | TUBE           |                                  |               | 1   |
| 25   | 46646289    | HOSE           |                                  |               | 1   |
| 26   | 46646285    | TUBE           |                                  |               | 1   |
| 27   | 46651929    | HOSE, REDUCING |                                  |               | 1   |
| 28   | 22969208    | CLAMP          |                                  |               | 1   |
| 29   | 22417406    | CLAMP          |                                  |               | 1   |
| 30   | 46651932    | BRACKET        |                                  |               | 1   |
| 31   | 96738695    | SCREW          |                                  |               | 6   |

# COOLING SYSTEM (CONT'D) (coolers and guards)

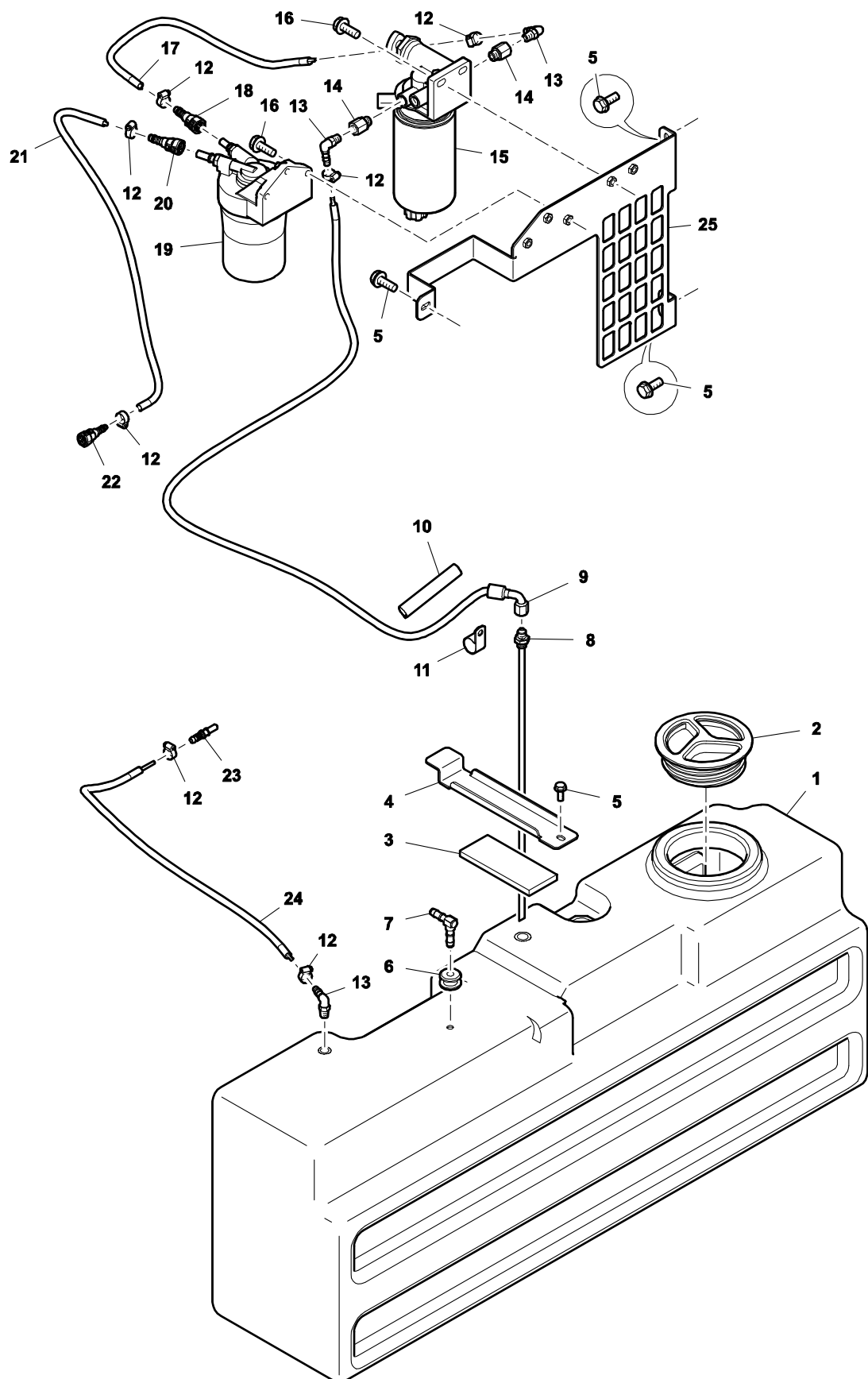


T4969\_00  
06/15



[illegible][illegible]

## FUEL SYSTEM

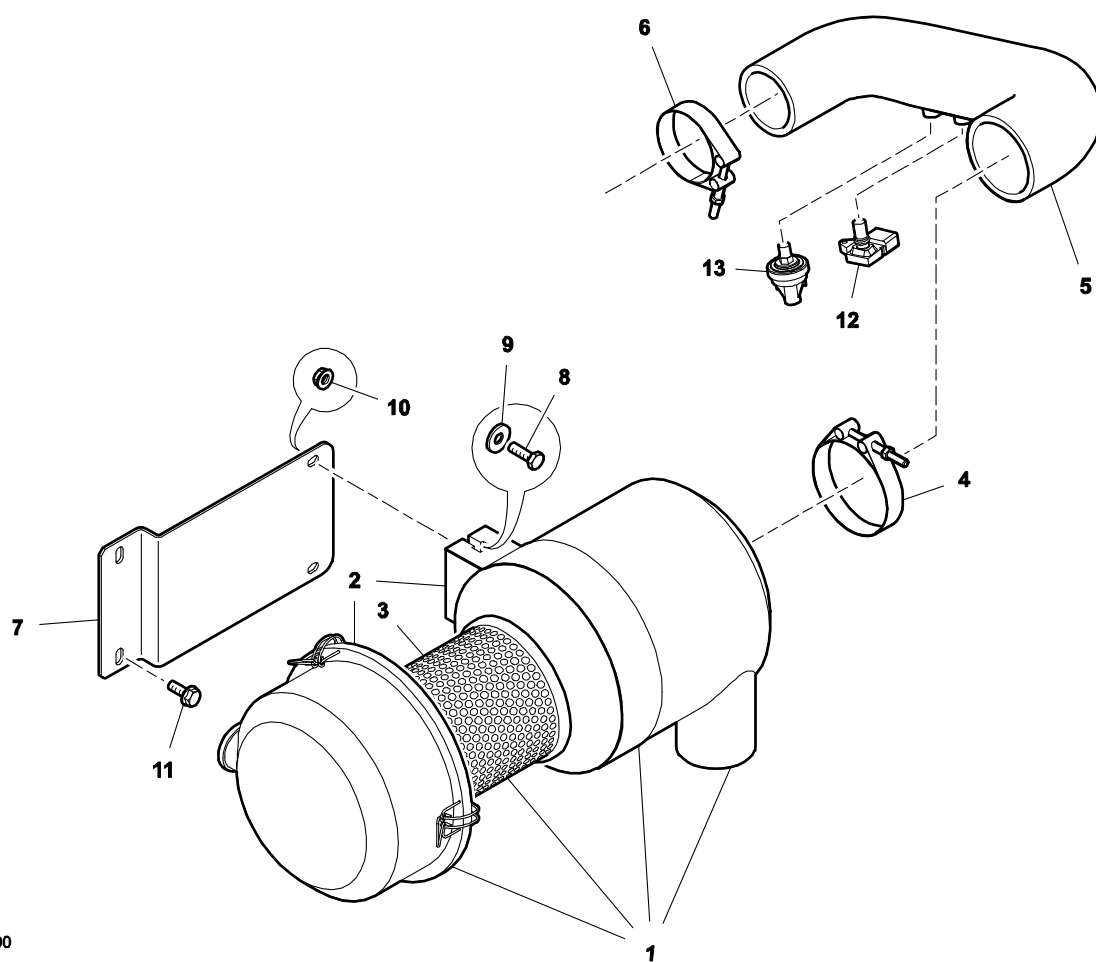


T4970\_00  
02/15

## FUEL SYSTEM

| Item | Part Number | Description              | Remarks        | Serial Number | Qty |
|------|-------------|--------------------------|----------------|---------------|-----|
| 1    | 54530191    | TANK, FUEL               |                |               | 1   |
| 2    | 89230759    | CAP                      |                |               | 1   |
| 3    | 46672720    | PAD, RUBBER              |                |               | 1   |
| 4    | 46650046    | STRAP                    |                |               | 1   |
| 5    | 96704408    | SCREW                    |                |               | 5   |
| 6    | 89257489    | GROMMET                  |                |               | 1   |
| 7    | 89257497    | ELBOW, BARBED            |                |               | 1   |
| 8    | 22163760    | DROP-TUBE                |                |               | 1   |
| 9    | 46653096    | HOSE ASSEMBLY            |                |               | 1   |
| 10   | 46561125    | SLEEVE                   |                |               | 1   |
| 11   | 35225085    | CLAMP                    |                |               | 1   |
| 12   | 35296342    | CLIP, RETAINING          |                |               | 7   |
| 13   | 54485222    | ELBOW                    |                |               | 3   |
| 14   | 54720719    | ADAPTOR                  |                |               | 2   |
| 15   | 46653057    | WATER SEPARATOR ASSEMBLY |                |               | 1   |
| 16   | 36889608    | SCREW                    | (M8-1.25 x 25) |               | 5   |
| 17   | 54576624    | HOSE                     | (8 mm ID)      |               | 1   |
| 18   | 46668110    | CONNECTOR                |                |               | 1   |
| 19   | 46653058    | FUEL FILTER ASSEMBLY     |                |               | 1   |
| 20   | 46668106    | CONNECTOR                |                |               | 1   |
| 21   | 54576624    | HOSE                     | (8 mm ID)      |               | 1   |
| 22   | 46669279    | CONNECTOR                |                |               | 1   |
| 23   | 46672183    | CONNECTOR                |                |               | 1   |
| 24   | 54576624    | HOSE                     | (8 mm ID)      |               | 1   |
| 25   | 46668500    | BRACKET                  |                |               | 1   |
|      |             |                          |                |               |     |
|      |             |                          |                |               |     |
|      |             |                          |                |               |     |
|      |             |                          |                |               |     |
|      |             |                          |                |               |     |
|      |             |                          |                |               |     |
|      |             |                          |                |               |     |
|      |             |                          |                |               |     |
|      |             |                          |                |               |     |

# AIR INTAKE (engine)

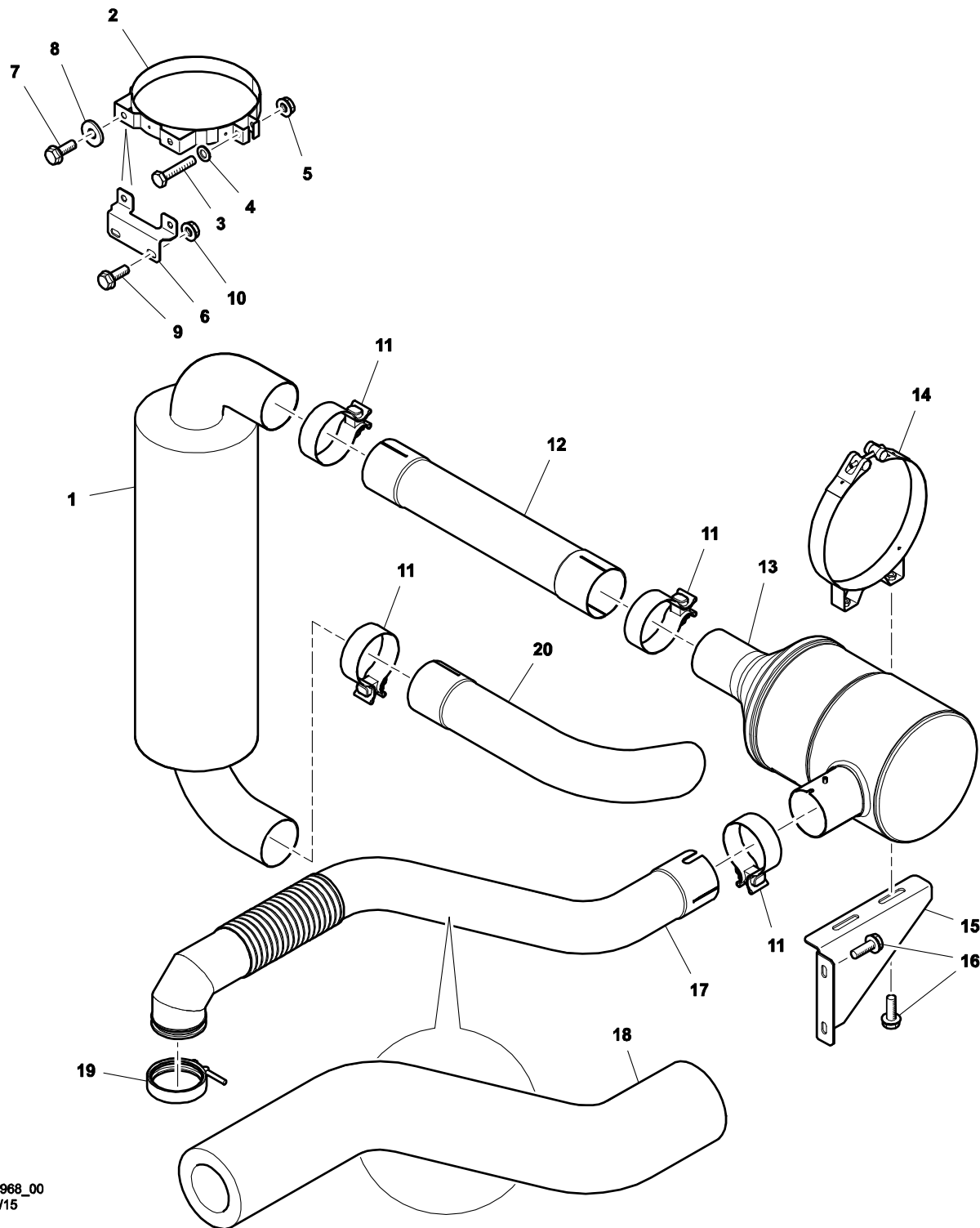


T4967\_00  
02/15

|                                                                                 |  |
|---------------------------------------------------------------------------------|--|
| <div style="text-align: center;"> <b>AIR INTAKE</b><br/> <b>(engine)</b> </div> |  |
|---------------------------------------------------------------------------------|--|

[illegible]

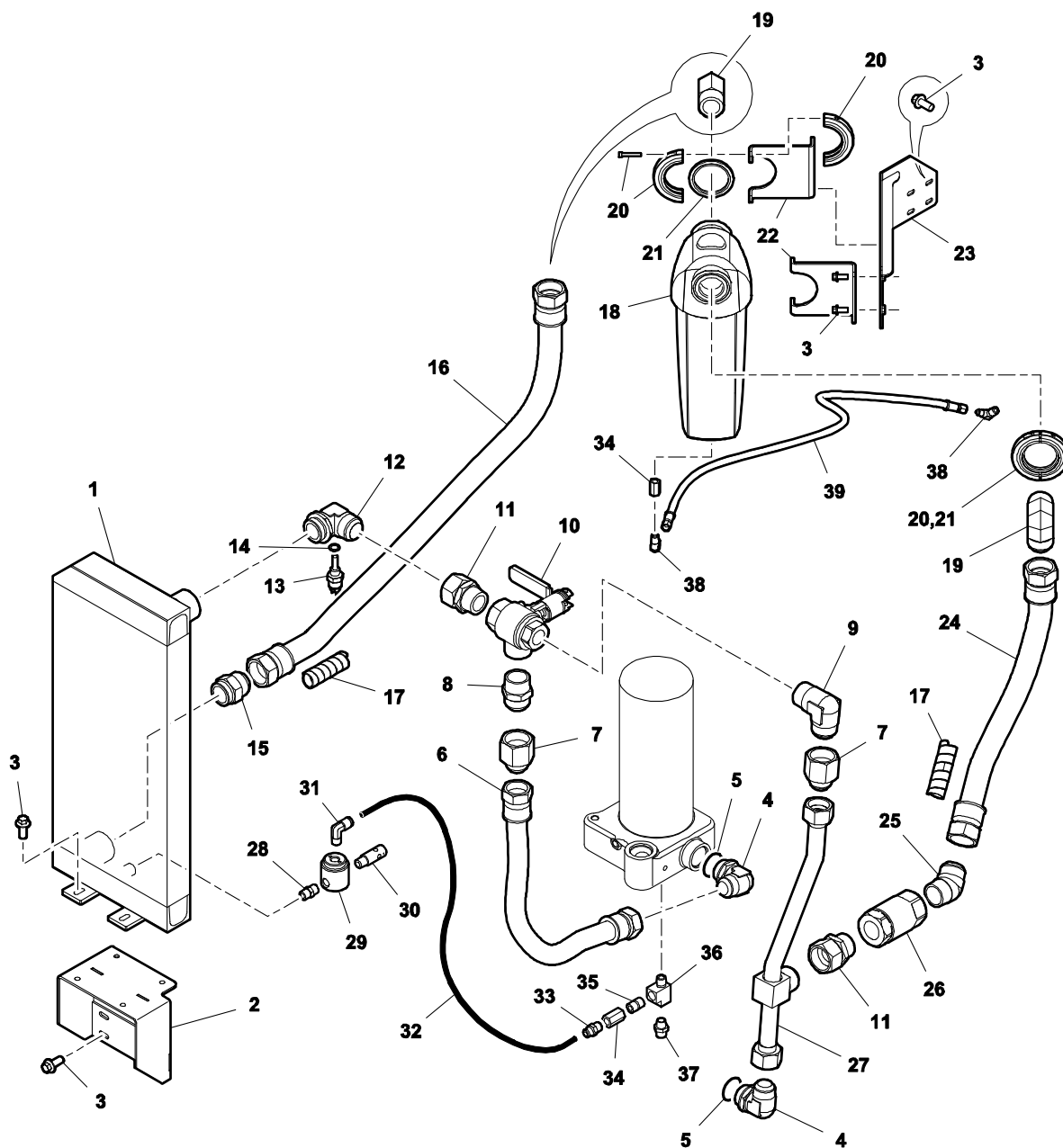
# EXHAUST SYSTEM



T4968\_00  
02/15

[illegible]

## OPTION - AFTERCOOLER



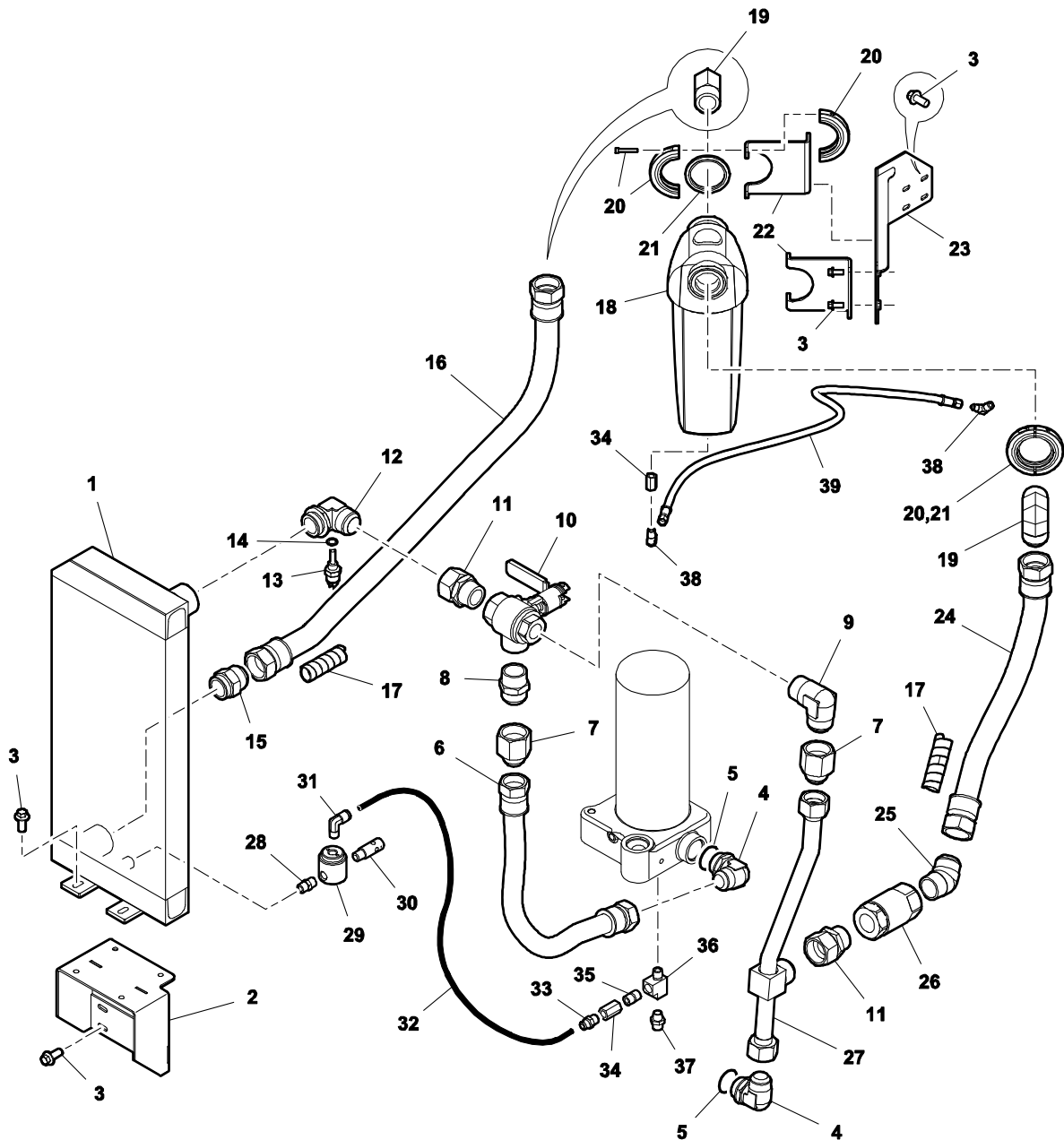
T4980\_00  
02/15



## OPTION - AFTERCOOLER

| Item | Part Number | Description       | Remarks     | Serial Number | Qty |
|------|-------------|-------------------|-------------|---------------|-----|
| 1    | 46651219    | AFTERCOOLER       |             |               | 1   |
| 2    | 46651216    | BRACKET           |             |               | 1   |
| 3    | 96704408    | SCREW             |             |               | 16  |
| 4    | 35279777    | ELBOW             | W/Ref. 5    |               | 2   |
| 5    | 35279942    | O-RING            |             |               | 2   |
| 6    | 35117480    | HOSE ASSEMBLY     |             |               | 1   |
| 7    | 46552214    | REDUCER           |             |               | 2   |
| 8    | 95208682    | ADAPTOR           |             |               | 1   |
| 9    | 22258339    | VALVE, 3-WAY      |             |               | 1   |
| 10   | 95949749    | ELBOW             |             |               | 1   |
| 11   | 36883155    | ADAPTOR           |             |               | 2   |
| 12   | 46672019    | ELBOW             |             |               | 1   |
| 13   | 46669371    | SENSOR            |             |               | 1   |
| 14   | 46671659    | O-RING            |             |               | 1   |
| 15   | 35296409    | ADAPTOR           |             |               | 1   |
| 16   | 35142116    | HOSE ASSEMBLY     |             |               | 1   |
| 17   | 46556568    | PROTECTOR, HOSE   | 0,11 m long |               | 2   |
| 18   | 46551660    | SEPARATOR, WATER  |             |               | 1   |
| 19   | 22506034    | ELBOW             |             |               | 2   |
| 20   | 23187420    | KIT, CLAMP        | W/Ref. 21   |               | 2   |
| 21   | 23187446    | SEAL              |             |               | 2   |
| 22   | 23194210    | BRACKET           |             |               | 2   |
| 23   | 46654694    | BRACKET           |             |               | 1   |
| 24   | 35227578    | HOSE ASSEMBLY     |             |               | 1   |
| 25   | 95279139    | ELBOW             |             |               | 1   |
| 26   | 36786820    | VALVE             |             |               | 1   |
| 27   | 46654625    | TUBE ASSEMBLY     |             |               | 1   |
| 28   | 92005701    | NIPPLE            |             |               | 1   |
| 29   | 54748363    | VALVE, BLOWDOWN   |             |               | 1   |
| 30   | 92549369    | ORIFICE, SILENCER |             |               | 1   |
| 31   | 92794270    | ELBOW             |             |               | 1   |

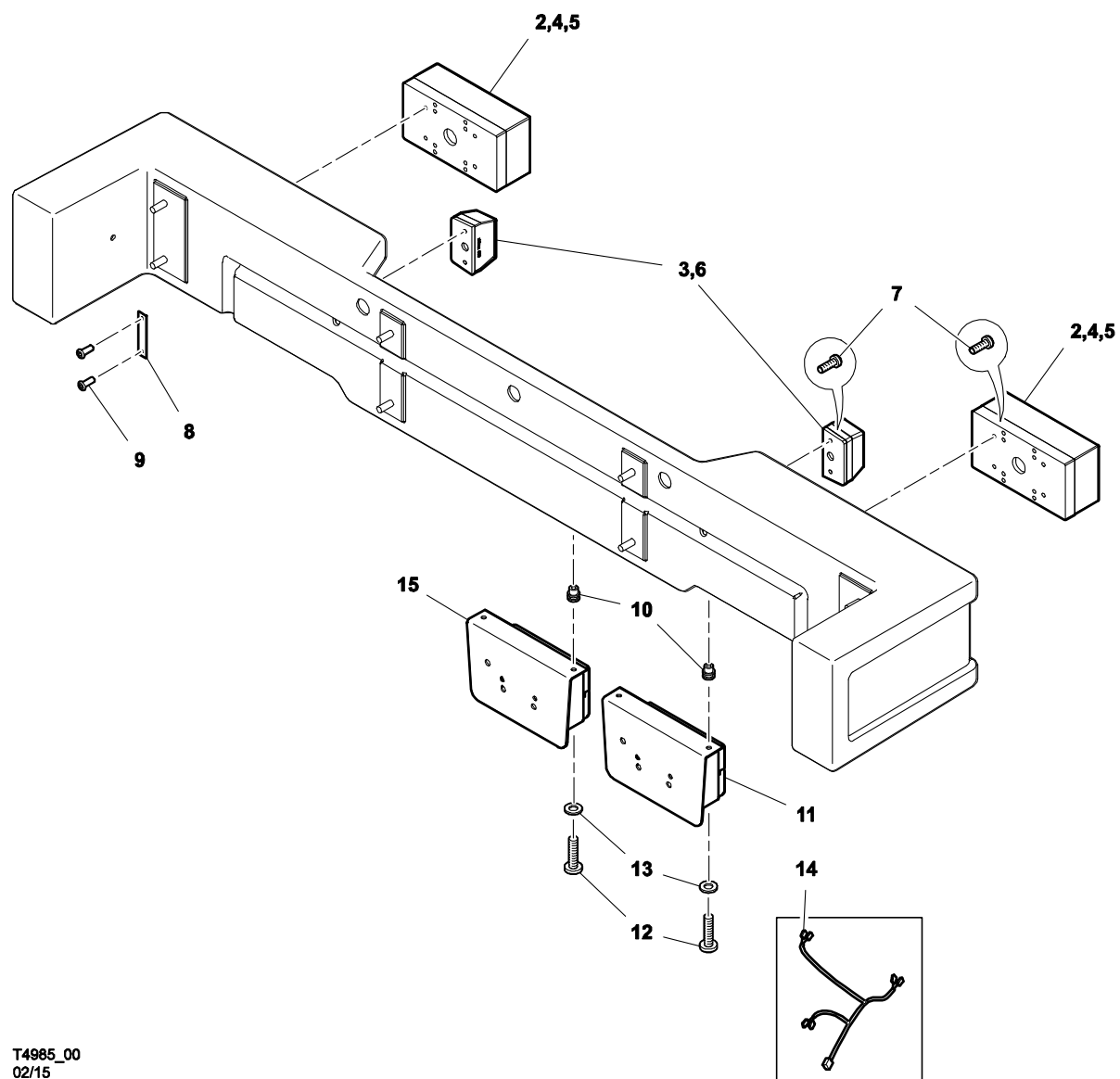
## OPTION - AFTERCOOLER (CONT'D)



T4980\_00  
02/15

[illegible][illegible]

## OPTION - ROAD LIGHTS

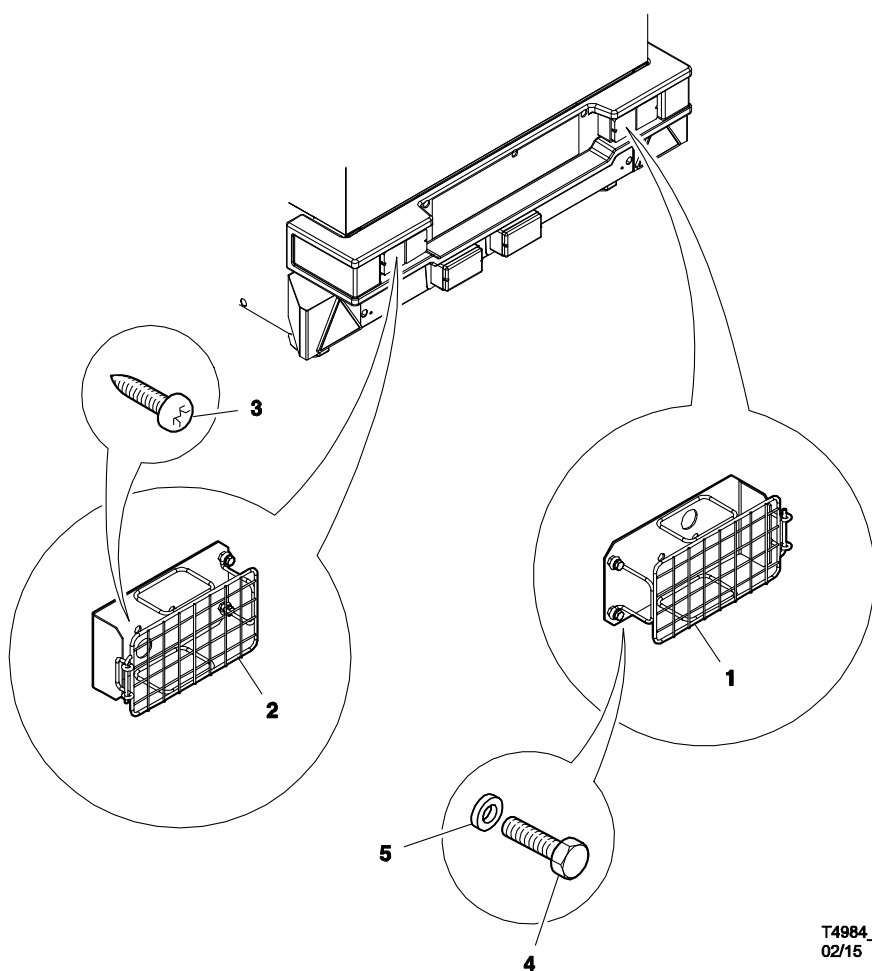


T4985\_00  
02/15

|                                                   |  |
|---------------------------------------------------|--|
| <p align="center"><b>OPTION - ROAD LIGHTS</b></p> |  |
|---------------------------------------------------|--|

[illegible]

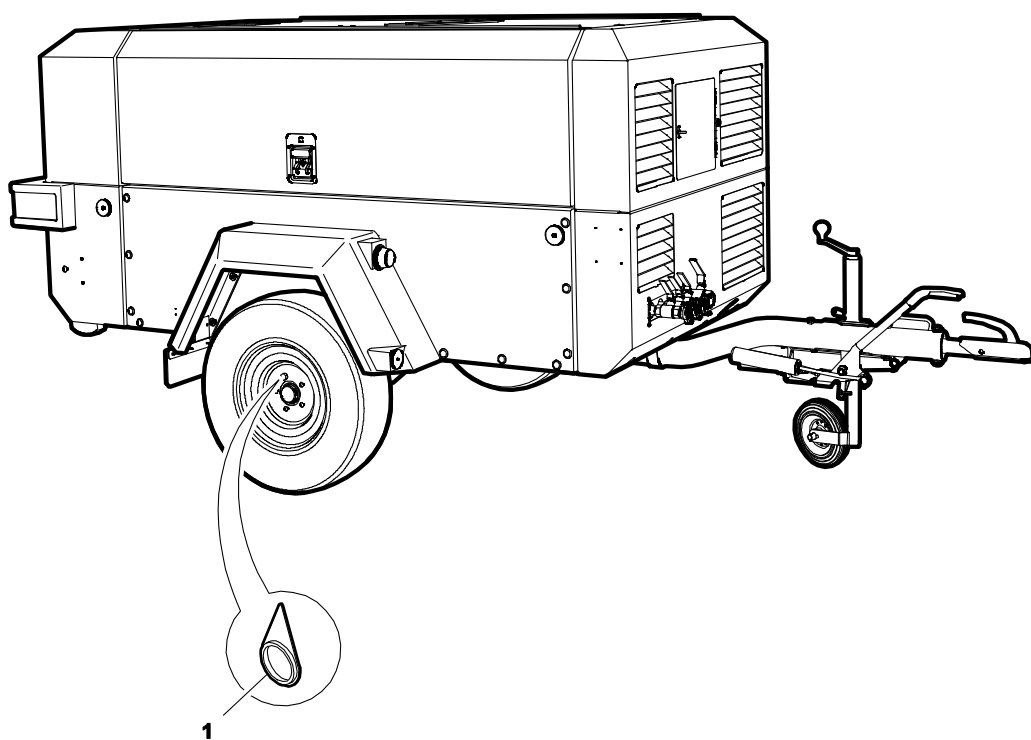
## OPTION - ROAD LIGHTS - DRIVING LIGHTS PROTECTION



|                                                  |
|--------------------------------------------------|
| OPTION - ROAD LIGHTS - DRIVING LIGHTS PROTECTION |
|--------------------------------------------------|

[illegible]

## OPTION - WHEEL NUT INDICATORS



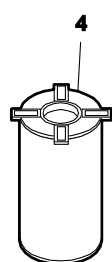
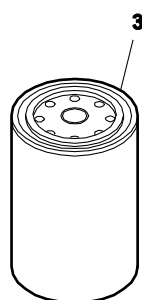
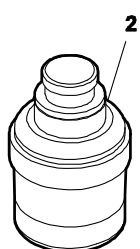
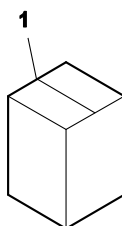
T4983\_00  
02/15



|                                                            |  |
|------------------------------------------------------------|--|
| <p align="center"><b>OPTION - WHEEL NUT INDICATORS</b></p> |  |
|------------------------------------------------------------|--|

[illegible]

## MAINTENANCE KIT (500 hours)

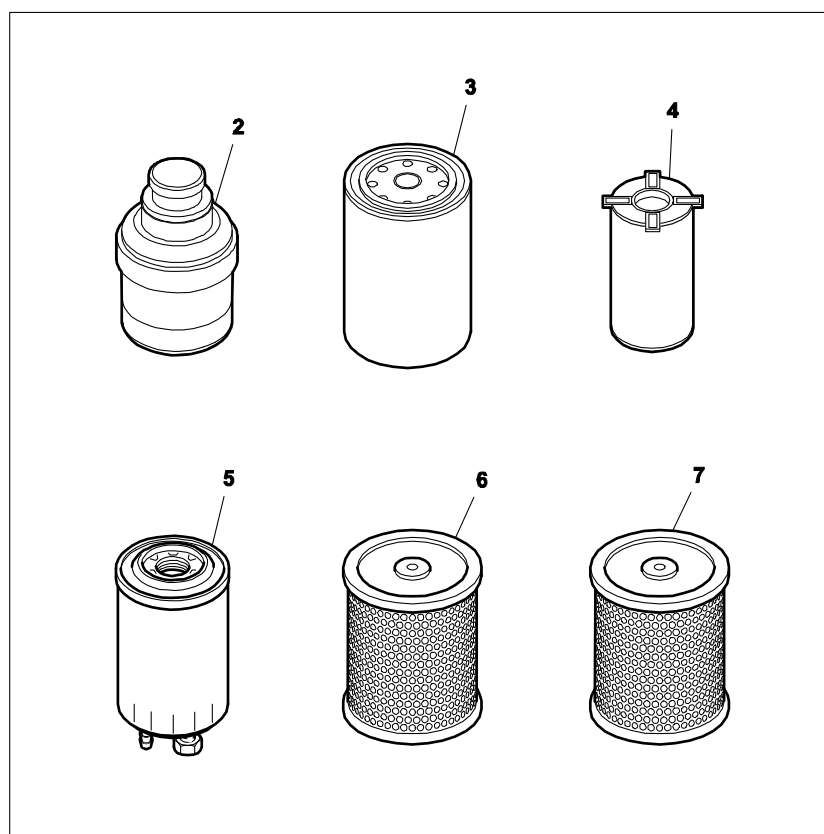
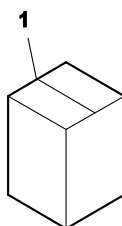


T4937\_00  
05/15

## MAINTENANCE KIT (500 hours)

[illegible]

## MAINTENANCE KIT (1000 hours)

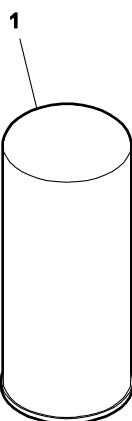


T4938\_00  
05/15

## MAINTENANCE KIT (1000 hours)

[illegible]

**MAINTENANCE KIT  
(separator filter)**

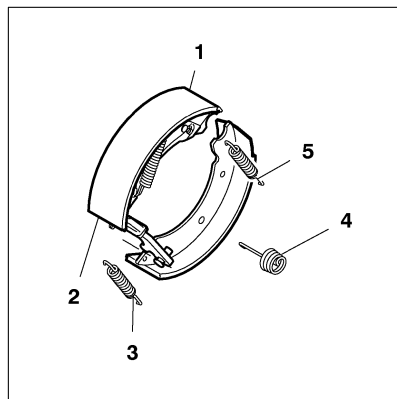
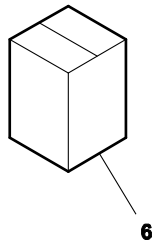


T4936\_00  
05/15

|                                                      |
|------------------------------------------------------|
| <p><b>MAINTENANCE KIT</b><br/>(separator filter)</p> |
|------------------------------------------------------|

[illegible]

## MAINTENANCE KIT (brake pads)



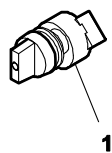
T4999\_00  
06/15



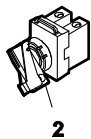
|                                                                 |
|-----------------------------------------------------------------|
| <div> <div>MAINTENANCE KIT</div> <div>(brake pads)</div> </div> |
|-----------------------------------------------------------------|

[illegible]

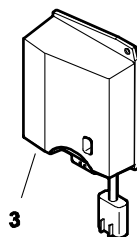
## RECOMMENDED SPARES



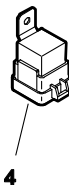
1



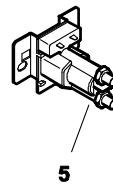
2



3



4



5



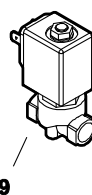
6



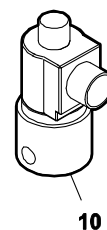
7



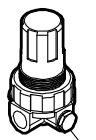
8



9



10



11



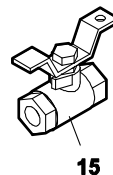
12



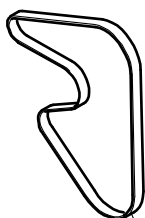
13



14



15



16



17



18



19



20



21



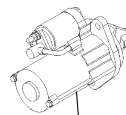
22



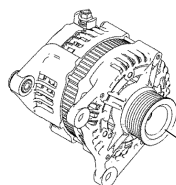
23



24



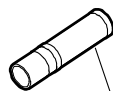
25



26



27



28



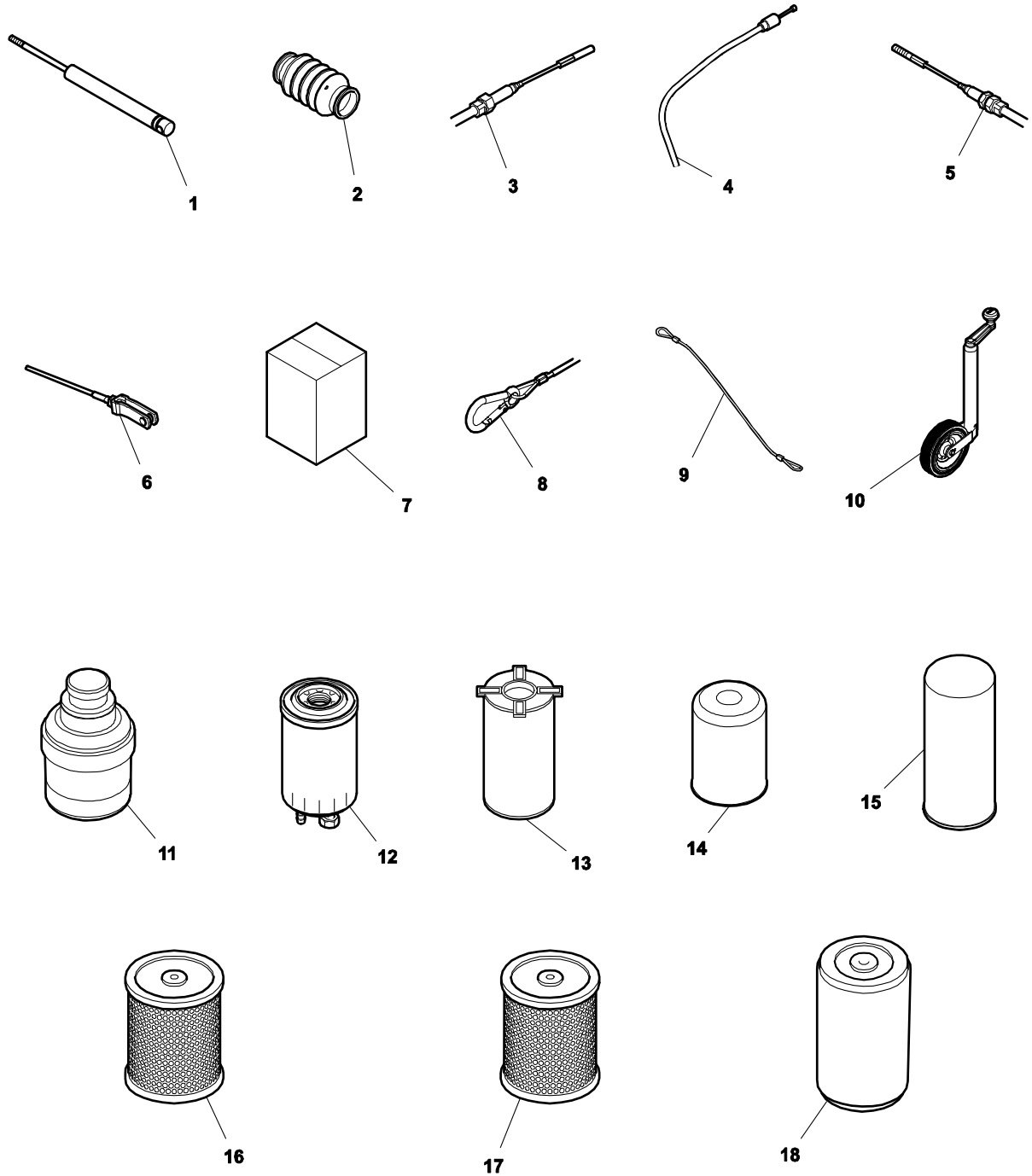
29

T4996\_00  
05/15

## RECOMMENDED SPARES

| Item | Part Number | Description                 | Remarks | Serial Number | Qty |
|------|-------------|-----------------------------|---------|---------------|-----|
| 1    | 22127385    | SWITCH, START               |         |               | 1   |
| 2    | 46666609    | SWITCH, PRESSURE            |         |               | 1   |
| 3    | 46491999    | CONTROLLER                  |         |               | 1   |
| 4    | 36878361    | RELAY, WEATHERPROOF         | (12 V)  |               | 1   |
| 5    | 36856250    | RELAY                       |         |               | 1   |
| 6    | 46561563    | FUSE                        | (150 A) |               | 1   |
| 7    | 46666629    | LAMP, LED                   |         |               | 1   |
| 8    | 46666630    | LAMP, LED                   |         |               | 1   |
| 9    | 46626320    | VALVE, SOLENOID             |         |               | 1   |
| 10   | 46555970    | VALVE, SOLENOID             |         |               | 1   |
| 11   | 46635923    | REGULATOR, PRESSURE         |         |               | 1   |
| 12   | 54748363    | VALVE, BLOWDOWN             |         |               | 1   |
| 13   | 92549369    | ORIFICE, SILENCER           |         |               | 1   |
| 14   | 46673582    | VALVE, CHECK                |         |               | 1   |
| 15   | 35324839    | VALVE, BALL                 |         |               | 1   |
| 16   | 46674220    | V-BELT                      |         |               | 1   |
| 17   | 89308191    | VALVE, SAFETY               |         |               | 1   |
| 18   | 35369214    | CAP                         |         |               | 1   |
| 19   | 22314348    | COUPLING                    |         |               | 1   |
| 20   | 22195820    | ELEMENT, THERMOSTATIC VALVE |         |               | 1   |
| 21   | 46674190    | THERMOSTAT                  |         |               | 1   |
| 22   | 46674209    | CAP, FILLER                 |         |               | 1   |
| 23   | 89230759    | CAP                         |         |               | 1   |
| 24   | 93531184    | GAUGE, PRESSURE             |         |               | 1   |
| 25   | 46674214    | MOTOR, STARTER              |         |               | 1   |
| 26   | 46674192    | ALTERNATOR                  |         |               | 1   |
| 27   | 54443213    | SPRING                      |         |               | 1   |
| 28   | 22454425    | ORIFICE, SONIC              |         |               | 1   |
| 29   | 36847838    | SENSOR, AIR RESTRICTION     |         |               | 1   |
|      |             |                             |         |               |     |
|      |             |                             |         |               |     |

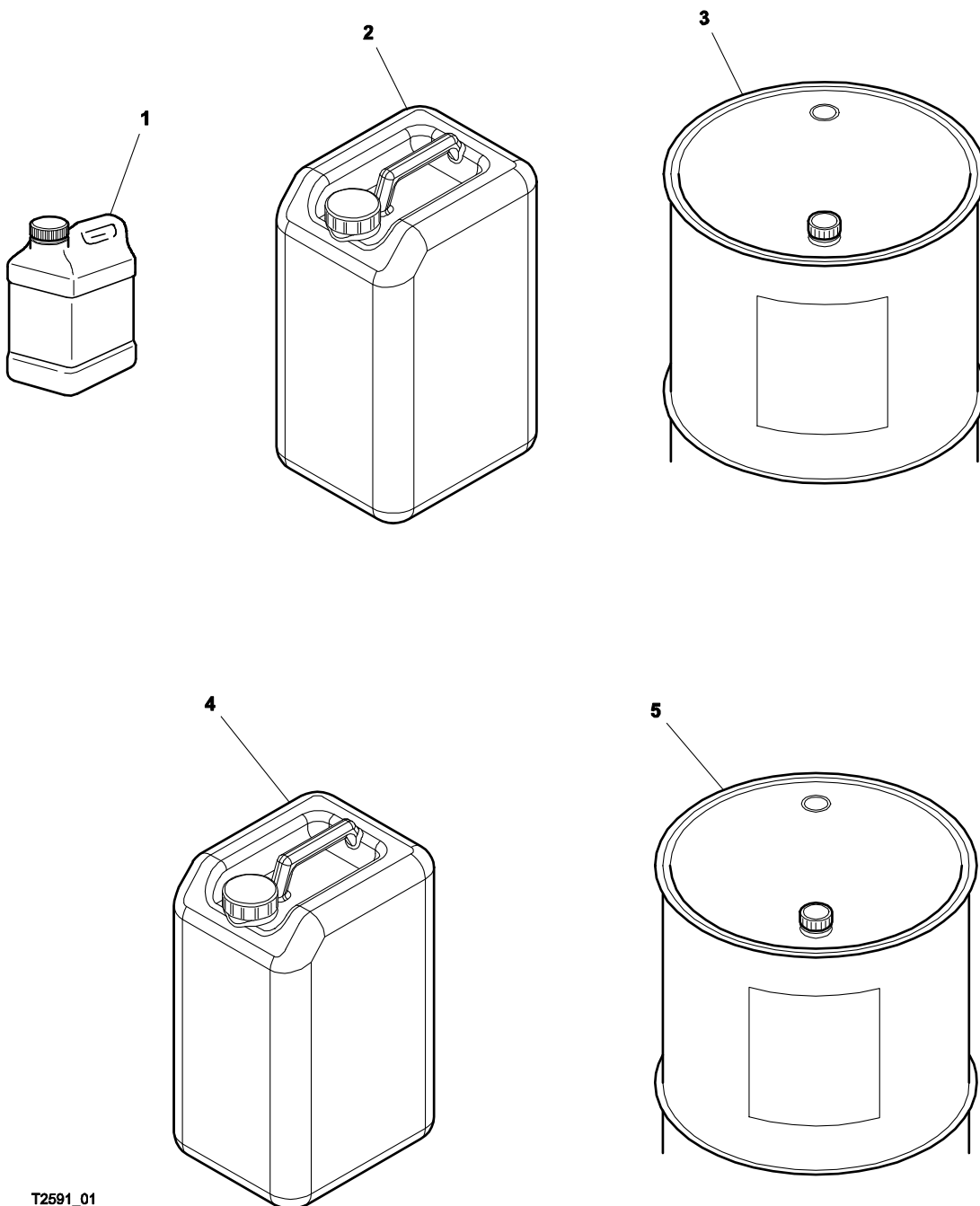
## RECOMMENDED SPARES



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05/15

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## FLUIDS



T2591\_01  
07/12

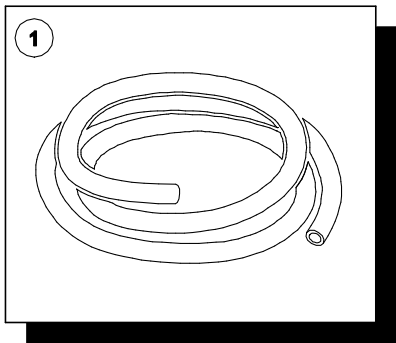
|        |
|--------|
| FLUIDS |
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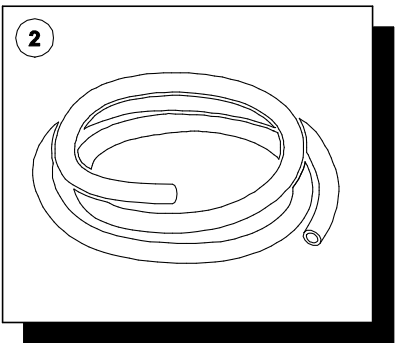
## AIR DELIVERY HOSE

This range of air delivery hose is readily available in the two most commonly used sizes of 3/4" and 1" I/D, in three lengths; 15m (50') complete with fittings, 4m (13') complete with fittings and random lengths. Please note the CPN given for the random lengths is a per metre measurement, therefore when ordering please specify the number of metres required.

The chart is by no means exhaustive, additional sizes or fitted lengths can be made available on request to suit your individual needs. Similarly the chart only gives details of air delivery hose at 15.5 bar (225 psi) working pressures. Should you require higher working pressures or different types of hose please contact Portable Power Aftermarket, via your normal channels.



**Hose**  
I.D.: 19 mm (3/4")  
O.D.: 30 mm  
Working pressure: 15.5 bar (225 psi)  
Burst pressure: 46.54 bar (675 psi)  
Weight: 0.580 kg/m



**Hose**  
I.D.: 25 mm (1")  
O.D.: 36 mm  
Working pressure: 15.5 bar (225 psi)  
Burst pressure: 46.54 bar (675 psi)  
Weight: 0.830 kg/m

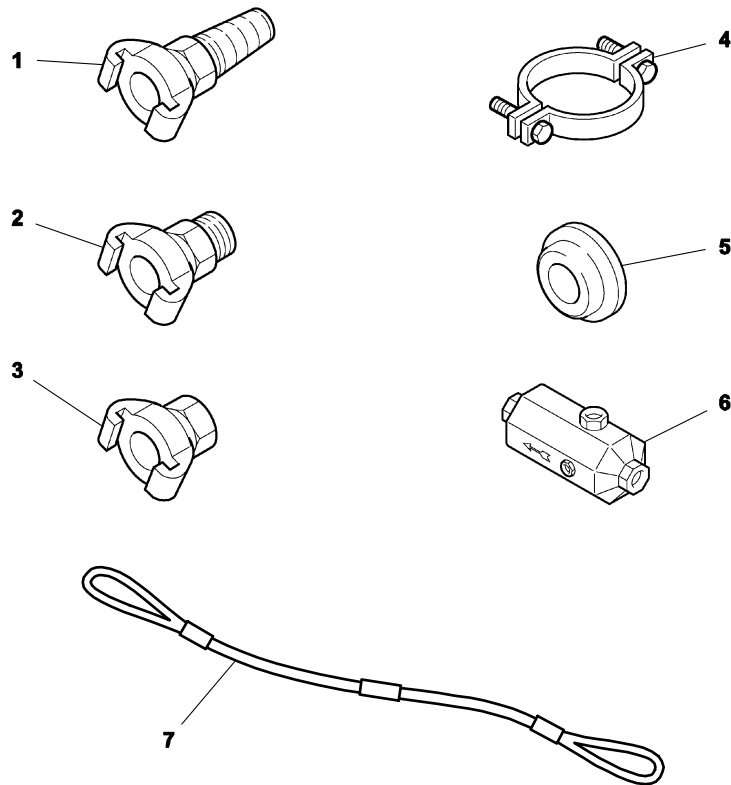
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# AIR DELIVERY HOSE

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## AIR HOSE FITTINGS



Some air tools are manufactured with an integral oil supply built into the handle. In cases where no such supply exists a lubricator installed within the air line ensures that air tools operate at peak efficiency and reduce costly repair and downtime.

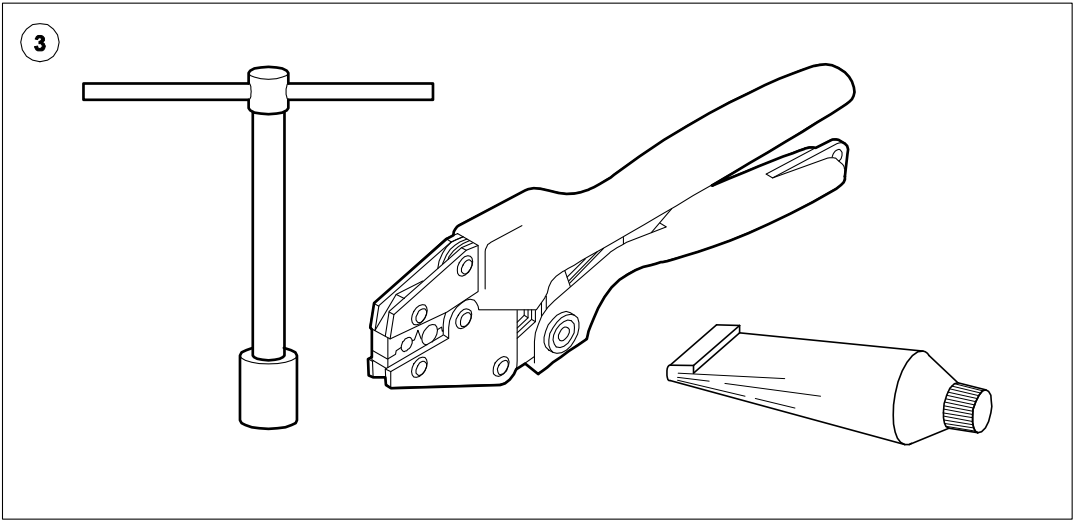
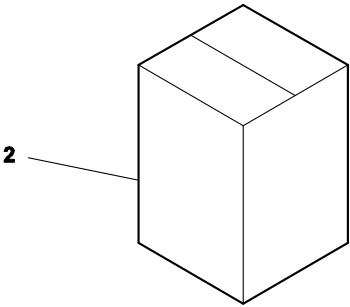
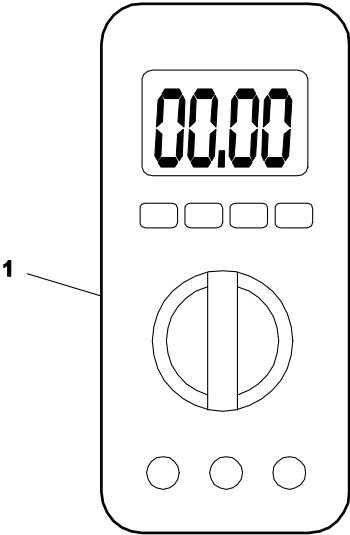
The lubricator should be located as near to the tool as possible but satisfactory lubrication will be provided if installed as far away as 25ft (7.62m). Immediately upon operation of an air tool a fog of oil is automatically injected into the air stream and lubrication of the tool will continue as long as there is oil in the lubricator.

The oil supply, which is adjustable, is easily checked through the pressure proof window, and refilling is made simple by use of a large filler cap. Whenever the cap is removed it automatically vents the reservoir pressure allowing refilling without shutting down the air supply.

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07/12

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SERVICE TOOLS

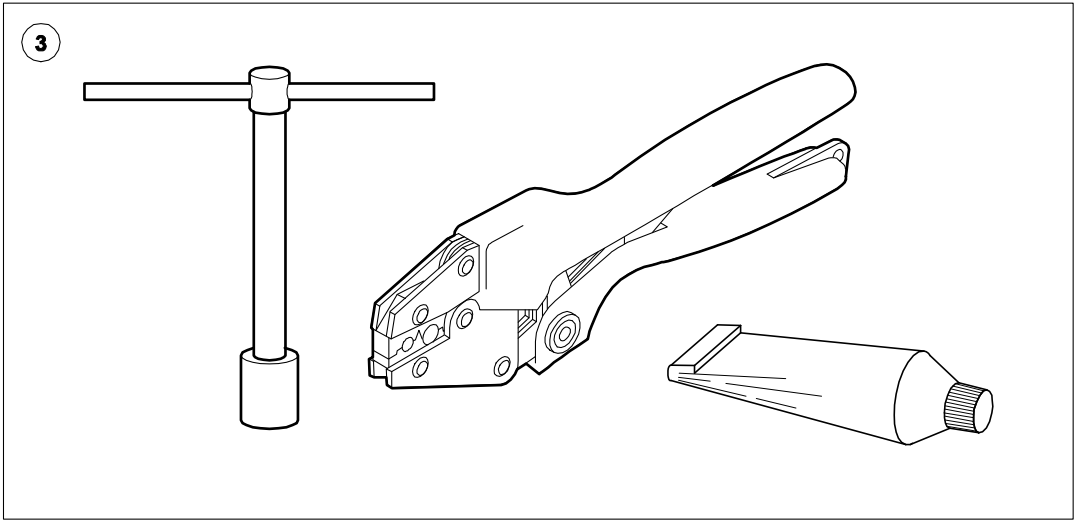
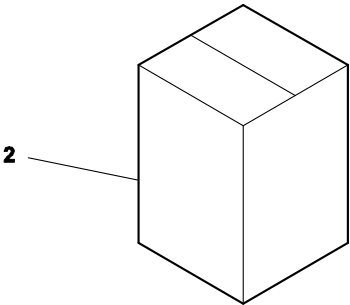
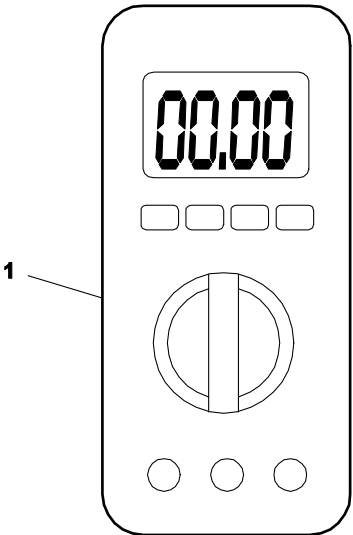


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08/12

## SERVICE TOOLS

| Item | Part Number | Description                                 | Remarks             | Serial Number | Qty |
|------|-------------|---------------------------------------------|---------------------|---------------|-----|
| 1    | 22216691    | DIGITAL MULTIMETER                          | (fluke 87)          |               | 1   |
| 1    | 22216733    | METER CASE, FLUKE                           |                     |               | 1   |
| 1    | 22216709    | TEST LEAD SET, FLUKE                        |                     |               | 1   |
| 1    | 22216725    | WIRE INSULATION PIERCING PROBE, FLUKE       |                     |               | 1   |
| 2    | 22147540    | KIT, TEST ADAPTERS                          |                     |               | 1   |
| 2    | 22146393    | KIT, DEUTSCH TERMINAL REMOVAL TOOL          | (size 20 through 8) |               | 1   |
| 3    | 22281588    | WRENCH, T- HANDLE HEX                       | 5/32"               |               | 1   |
| 3    | 22282107    | SCREW DRIVER, HEX                           | 5/32"               |               | 1   |
| 3    | 22282172    | FLEX DRIVER                                 | 3/4"                |               | 1   |
| 3    | 54740675    | SERIAL CABLE, HEAVY DUTY                    | RS232               |               | 1   |
| 3    | 54699640    | DEUTCH TERMINAL REMOVAL                     | tool size 20        |               | 1   |
| 3    | 54699632    | DEUTCH TERMINAL REMOVAL                     | size 16             |               | 1   |
| 3    | 46490942    | DEUTCH TERMINAL REMOVAL                     | size 14             |               | 1   |
| 3    | 54699624    | DEUTCH TERMINAL REMOVAL                     | size 12             |               | 1   |
| 3    | 54699616    | DEUTCH TERMINAL REMOVAL                     | size 8              |               | 1   |
| 3    | 54699657    | DEUTCH WEDGELOCK AND TERMINAL REMOVAL TOOL  |                     |               | 1   |
| 3    | 22216667    | DEUTSCH TERMINAL CRIMP TOOL                 |                     |               | 1   |
| 3    | 54729660    | PACKARD WEATHER- PACK TERMINAL REMOVAL TOOL |                     |               | 1   |
| 3    | 54749643    | PACKARD METRI- PACK TERMINAL REMOVAL TOOL   |                     |               | 1   |
| 3    | 46490959    | PACKARD METRI- PACK TERMINAL REMOVAL TOOL   |                     |               | 1   |
| 3    | 22254734    | PACKARD WEATHER- PACK TERMINAL CRIMP TOOL   |                     |               | 1   |
| 3    | 22216683    | PACKARD METRI- PACK TERMINAL CRIMP TOOL     |                     |               | 1   |
| 3    | 22255974    | PACKARD METRI- PACK TERMINAL CRIMP TOOL     |                     |               | 1   |
| 3    | 46490967    | PACKARD METRI- PACK TERMINAL CRIMP TOOL     |                     |               | 1   |
| 3    | 46490975    | PACKARD METRI- PACK TERMINAL CRIMP TOOL     |                     |               | 1   |
| 3    | 54749544    | RTD SIMULATOR                               |                     |               | 1   |
| 3    | 54749551    | THERMISTOR SIMULATOR                        |                     |               | 1   |
| 3    | 22073878    | THERMISTOR SIMULATOR                        |                     |               | 1   |
| 3    | 22168868    | PRESSURE TRANSDUCER SIMULATOR               |                     |               | 1   |
| 3    | 54729710    | ELECTRICAL CONTACT CLEANER                  |                     |               | 1   |
| 3    | 22409114    | ELECTRICAL GREASE                           |                     |               | 1   |

SERVICE TOOLS (CONT'D)

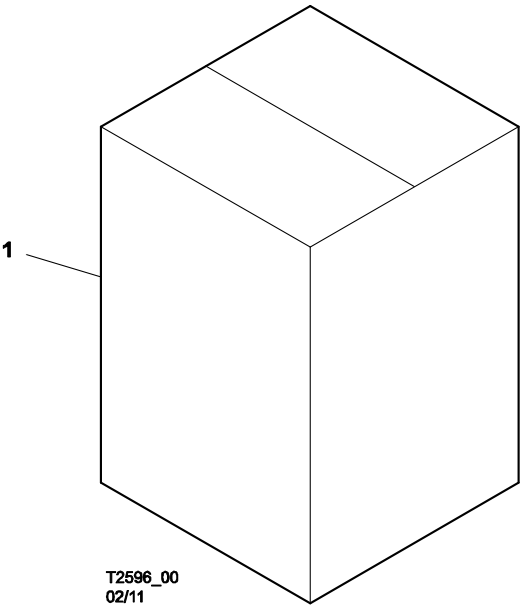


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SERVICE TOOLS (CONT'D)

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CONNECTOR REPAIR KITS





## CONNECTOR REPAIR KITS

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# NUMERICAL INDEX

| Part Number | Denomination            | WAS | Page | Subgroup                      |
|-------------|-------------------------|-----|------|-------------------------------|
|             |                         |     | 75   | OIL LUBRICATING PUMP          |
| 15902968    | SEAL                    |     | 65   | FUEL PUMP                     |
| 18034124    | CABLE                   |     | 3    | RUNNING GEAR                  |
|             |                         |     | 7    | RUNNING GEAR                  |
|             |                         |     | 129  | RECOMMENDED SPARES            |
| 22051411    | SLIDER                  |     | 7    | RUNNING GEAR                  |
| 22051494    | NUT                     |     | 3    | RUNNING GEAR                  |
|             |                         |     | 7    | RUNNING GEAR                  |
| 22051510    | COVER                   |     | 3    | RUNNING GEAR                  |
|             |                         |     | 7    | RUNNING GEAR                  |
|             |                         |     | 129  | RECOMMENDED SPARES            |
| 22051544    | JOINT                   |     | 7    | RUNNING GEAR                  |
| 22051551    | BUSH                    |     | 3    | RUNNING GEAR                  |
|             |                         |     | 7    | RUNNING GEAR                  |
| 22051577    | NUT                     |     | 3    | RUNNING GEAR                  |
|             |                         |     | 7    | RUNNING GEAR                  |
| 22051585    | RING                    |     | 7    | RUNNING GEAR                  |
| 22051692    | HANDLE                  |     | 7    | RUNNING GEAR                  |
| 22051700    | BOLT                    |     | 7    | RUNNING GEAR                  |
| 22051718    | HANDLE                  |     | 7    | RUNNING GEAR                  |
| 22051742    | CLAMP                   |     | 7    | RUNNING GEAR                  |
| 22051817    | SLIDER                  |     | 3    | RUNNING GEAR                  |
| 22051841    | CABLE                   |     | 3    | RUNNING GEAR                  |
|             |                         |     | 129  | RECOMMENDED SPARES            |
| 22066823    | LEVER, HANDBRAKE        |     | 7    | RUNNING GEAR                  |
| 22066914    | LEVER, TRANSMISSION     |     | 7    | RUNNING GEAR                  |
| 22067003    | CLAMP ASSEMBLY          |     | 3    | RUNNING GEAR                  |
| 22073878    | THERMISTOR SIMULATOR    |     | 137  | SERVICE TOOLS                 |
| 22104806    | WASHER                  |     | 3    | RUNNING GEAR                  |
|             |                         |     | 7    | RUNNING GEAR                  |
| 22125165    | SCREW                   |     | 15   | ENCLOSURE                     |
| 22125173    | RUNNING GEAR ASSEMBLY   |     | 7    | RUNNING GEAR                  |
| 22125181    | RUNNING GEAR ASSEMBLY   |     | 3    | RUNNING GEAR                  |
| 22125579    | WHEEL AND TYRE ASSEMB   |     | 3    | RUNNING GEAR                  |
|             |                         |     | 7    | RUNNING GEAR                  |
| 22125587    | WHEEL                   |     | 3    | RUNNING GEAR                  |
|             |                         |     | 7    | RUNNING GEAR                  |
| 22125595    | TYRE                    |     | 3    | RUNNING GEAR                  |
|             |                         |     | 7    | RUNNING GEAR                  |
| 22126395    | COMPENSATOR             |     | 7    | RUNNING GEAR                  |
| 22126437    | JOCKEY WHEEL ASSEMBLY   |     | 3    | RUNNING GEAR                  |
|             |                         |     | 7    | RUNNING GEAR                  |
|             |                         |     | 129  | RECOMMENDED SPARES            |
| 22127385    | SWITCH, START           |     | 27   | INSTRUMENTATION AND ELECTRICS |
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| 22146393    | KIT, DEUTSCH TERMINAL R |     | 137  | SERVICE TOOLS                 |
| 22147540    | KIT, TEST ADAPTERS      |     | 137  | SERVICE TOOLS                 |

| Part Number | Denomination            | WAS | Page          | Subgroup                                           |
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| 22168868    | PRESSURE TRANSDUCER S   |     | 137           | SERVICE TOOLS                                      |
| 22176655    | BATTERY                 |     | 27            | INSTRUMENTATION AND ELECTRICS                      |
| 22182802    | SPRING                  |     | 7             | RUNNING GEAR                                       |
| 22189302    | CLAMP                   |     | 99            | COOLING SYSTEM                                     |
| 22195820    | ELEMENT, THERMOSTATIC   |     | 39<br>127     | OIL/AIR PIPING<br>RECOMMENDED SPARES               |
| 22212013    | HITCH, BALL             |     | 3<br>7        | RUNNING GEAR<br>RUNNING GEAR                       |
| 22216667    | DEUTSCH TERMINAL CRIMP  |     | 137           | SERVICE TOOLS                                      |
| 22216683    | PACKARD METRI- PACK TER |     | 137           | SERVICE TOOLS                                      |
| 22216691    | DIGITAL MULTIMETER      |     | 137           | SERVICE TOOLS                                      |
| 22216709    | TEST LEAD SET, FLUKE    |     | 137           | SERVICE TOOLS                                      |
| 22216725    | WIRE INSULATION PIERCIN |     | 137           | SERVICE TOOLS                                      |
| 22216733    | METER CASE, FLUKE       |     | 137           | SERVICE TOOLS                                      |
| 22241038    | SLIDER                  |     | 7             | RUNNING GEAR                                       |
| 22241046    | COVER                   |     | 7             | RUNNING GEAR                                       |
| 22241053    | BOLT                    |     | 7             | RUNNING GEAR                                       |
| 22241061    | DRAWBAR                 |     | 7             | RUNNING GEAR                                       |
| 22241079    | HOUSING                 |     | 7             | RUNNING GEAR                                       |
| 22241087    | ARM, LINK               |     | 7             | RUNNING GEAR                                       |
| 22241095    | NIPPLE, GREASE          |     | 3<br>7        | RUNNING GEAR<br>RUNNING GEAR                       |
| 22241145    | CABLE                   |     | 3<br>7<br>129 | RUNNING GEAR<br>RUNNING GEAR<br>RECOMMENDED SPARES |
| 22241152    | CABLE                   |     | 7<br>129      | RUNNING GEAR<br>RECOMMENDED SPARES                 |
| 22241160    | PIN                     |     | 7             | RUNNING GEAR                                       |
| 22241178    | BOLT                    |     | 7             | RUNNING GEAR                                       |
| 22241343    | SCREW                   |     | 7             | RUNNING GEAR                                       |
| 22241350    | BOLT                    |     | 7             | RUNNING GEAR                                       |
| 22241368    | SCREW                   |     | 3             | RUNNING GEAR                                       |
| 22241400    | NIPPLE                  |     | 7             | RUNNING GEAR                                       |
| 22241418    | CABLE                   |     | 7<br>129      | RUNNING GEAR<br>RECOMMENDED SPARES                 |
| 22241434    | HANDLE                  |     | 7             | RUNNING GEAR                                       |
| 22241442    | CLAMP                   |     | 3<br>7        | RUNNING GEAR<br>RUNNING GEAR                       |
| 22241467    | AXLE TUBE ASSEMBLY      |     | 3<br>7        | RUNNING GEAR<br>RUNNING GEAR                       |
| 22241475    | ABSORBER, SHOCK         |     | 7<br>129      | RUNNING GEAR<br>RECOMMENDED SPARES                 |
| 22241483    | CLEVIS                  |     | 7             | RUNNING GEAR                                       |
| 22241491    | WASHER                  |     | 7             | RUNNING GEAR                                       |
| 22241517    | PIN                     |     | 3<br>7        | RUNNING GEAR<br>RUNNING GEAR                       |
| 22241533    | SCREW                   |     | 7             | RUNNING GEAR                                       |
| 22241541    | BOLT                    |     | 7             | RUNNING GEAR                                       |

| Part Number | Denomination             | WAS | Page | Subgroup                      |
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| 22241566    | PIN, RETAINING           |     | 7    | RUNNING GEAR                  |
| 22246714    | ADAPTOR                  |     | 99   | COOLING SYSTEM                |
| 22251409    | BOLT                     |     | 3    | RUNNING GEAR                  |
| 22252050    | XHP 605 COMPRESSOR OIL   |     | 131  | FLUIDS                        |
| 22252076    | XHP 605 COMPRESSOR OIL   |     | 131  | FLUIDS                        |
| 22252100    | XHP 405 COMPRESSOR OIL   |     | 131  | FLUIDS                        |
| 22252126    | XHP 405 COMPRESSOR OIL   |     | 131  | FLUIDS                        |
| 22252969    | KIT, WIRE TERMINAL REPAI |     | 141  | CONNECTOR REPAIR KITS         |
| 22252993    | KIT, WEDGE CONNECTOR R   |     | 141  | CONNECTOR REPAIR KITS         |
| 22253017    | KIT, ADHESIVE LINED HEAT |     | 141  | CONNECTOR REPAIR KITS         |
| 22254734    | PACKARD WEATHER- PACK    |     | 137  | SERVICE TOOLS                 |
| 22254775    | KIT, FUSES ASSORTMENT O  |     | 141  | CONNECTOR REPAIR KITS         |
| 22255974    | PACKARD METRI- PACK TER  |     | 137  | SERVICE TOOLS                 |
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| 22272611    | AIR FILTER ASSEMBLY      |     | 37   | AIR INTAKE                    |
| 22281588    | WRENCH, T- HANDLE HEX    |     | 137  | SERVICE TOOLS                 |
| 22282107    | SCREW DRIVER, HEX        |     | 137  | SERVICE TOOLS                 |
| 22282172    | FLEX DRIVER              |     | 137  | SERVICE TOOLS                 |
| 22293419    | SEAL, U-PROFILE          |     | 19   | ENCLOSURE                     |
| 22314348    | COUPLING                 |     | 33   | AIREND ASSEMBLY               |
|             |                          |     | 127  | RECOMMENDED SPARES            |
| 22391858    | CAP, GREASE NIPPLE       |     | 3    | RUNNING GEAR                  |
|             |                          |     | 7    | RUNNING GEAR                  |
| 22392260    | NUT                      |     | 3    | RUNNING GEAR                  |
| 22409114    | ELECTRICAL GREASE        |     | 137  | SERVICE TOOLS                 |
| 22417406    | CLAMP                    |     | 99   | COOLING SYSTEM                |
| 22444368    | DRAWBAR ASSEMBLY         |     | 3    | RUNNING GEAR                  |
| 22454425    | ORIFICE, SONIC           |     | 43   | OIL/AIR PIPING                |
|             |                          |     | 127  | RECOMMENDED SPARES            |
| 22506034    | ELBOW                    |     | 109  | OPTION - AFTERCOOLER          |
| 22610950    | O-RING                   |     | 45   | SEPARATOR TANK                |
| 22664494    | DECAL, SOUND POWER       |     | 23   | DECALS AND DOCUMENTATION      |
| 22769186    | SENSOR, COOLANT LEVEL    |     | 99   | COOLING SYSTEM                |
| 22773949    | CAP                      |     | 13   | MAIN FRAME                    |
| 22855258    | RIVET                    |     | 15   | ENCLOSURE                     |
| 22871875    | SOCKET, ELECTRICAL       |     | 31   | INSTRUMENTATION AND ELECTRICS |
| 22969208    | CLAMP                    |     | 99   | COOLING SYSTEM                |
| 22990816    | POUCH, LITERATURE        |     | 19   | ENCLOSURE                     |
| 22997050    | FOG LAMP ASSEMBLY        |     | 113  | OPTION - ROAD LIGHTS          |
| 23001597    | BULB                     |     | 113  | OPTION - ROAD LIGHTS          |
| 23053499    | PLUG                     |     | 15   | ENCLOSURE                     |
|             |                          |     | 19   | ENCLOSURE                     |
| 23071475    | CLAMP                    |     | 99   | COOLING SYSTEM                |
| 23076656    | WASHER                   |     | 15   | ENCLOSURE                     |
| 23128507    | INDICATOR, WHEEL NUT     |     | 117  | OPTION - WHEEL NUT INDICATORS |
| 23181704    | BULB                     |     | 113  | OPTION - ROAD LIGHTS          |

| Part Number | Denomination          | WAS | Page                    | Subgroup                                                                         |
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| 23187420    | KIT, CLAMP            |     | 109                     | OPTION - AFTERCOOLER                                                             |
| 23187446    | SEAL                  |     | 109                     | OPTION - AFTERCOOLER                                                             |
| 23190192    | ELEMENT, FUEL FILTER  |     | 67<br>119<br>121<br>129 | FUEL WATER SEPARATOR<br>MAINTENANCE KIT<br>MAINTENANCE KIT<br>RECOMMENDED SPARES |
| 23194210    | BRACKET               |     | 109                     | OPTION - AFTERCOOLER                                                             |
| 23213077    | REVERSE LAMP ASSEMBLY |     | 113                     | OPTION - ROAD LIGHTS                                                             |
| 23279078    | ELEMENT, OIL FILTER   |     | 39<br>119<br>121<br>129 | OIL/AIR PIPING<br>MAINTENANCE KIT<br>MAINTENANCE KIT<br>RECOMMENDED SPARES       |
| 23294820    | SENSOR, TEMPERATURE   |     | 99                      | COOLING SYSTEM                                                                   |
| 23296445    | HOLDER, SOCKET        |     | 31                      | INSTRUMENTATION AND ELECTRICS                                                    |
| 23334717    | HOUSING, OTBV         |     | 39                      | OIL/AIR PIPING                                                                   |
| 23358997    | HOSE ASSEMBLY         |     | 109                     | OPTION - AFTERCOOLER                                                             |
| 23359441    | HARNESS               |     | 113                     | OPTION - ROAD LIGHTS                                                             |
| 23366768    | CAP, DUST W/LANYARD   |     | 31                      | INSTRUMENTATION AND ELECTRICS                                                    |
| 35114545    | TEE                   |     | 109                     | OPTION - AFTERCOOLER                                                             |
| 35117480    | HOSE ASSEMBLY         |     | 109                     | OPTION - AFTERCOOLER                                                             |
| 35142116    | HOSE ASSEMBLY         |     | 109                     | OPTION - AFTERCOOLER                                                             |
| 35166404    | BOLT, U               |     | 49                      | REGULATION SYSTEM                                                                |
| 35222538    | CLIP, RETAINING       |     | 27                      | INSTRUMENTATION AND ELECTRICS                                                    |
| 35225085    | CLAMP                 |     | 103                     | FUEL SYSTEM                                                                      |
| 35227578    | HOSE ASSEMBLY         |     | 109                     | OPTION - AFTERCOOLER                                                             |
| 35255553    | BUTTON, START / RUN   |     | 27                      | INSTRUMENTATION AND ELECTRICS                                                    |
| 35279777    | ELBOW                 |     | 43<br>109               | OIL/AIR PIPING<br>OPTION - AFTERCOOLER                                           |
| 35279785    | ADAPTOR               |     | 45                      | SEPARATOR TANK                                                                   |
| 35279884    | ELBOW                 |     | 45                      | SEPARATOR TANK                                                                   |
| 35279942    | O-RING                |     | 45<br>109               | SEPARATOR TANK<br>OPTION - AFTERCOOLER                                           |
| 35279959    | O-RING                |     | 45                      | SEPARATOR TANK                                                                   |
| 35282904    | HOSE ASSEMBLY         |     | 45                      | SEPARATOR TANK                                                                   |
| 35285600    | HOSE                  |     | 99                      | COOLING SYSTEM                                                                   |
| 35287739    | TEE                   |     | 45                      | SEPARATOR TANK                                                                   |
| 35290352    | ELBOW                 |     | 45                      | SEPARATOR TANK                                                                   |
| 35294628    | GASKET, MANIFOLD      |     | 43                      | OIL/AIR PIPING                                                                   |
| 35294750    | ELBOW                 |     | 45                      | SEPARATOR TANK                                                                   |
| 35296342    | CLIP, RETAINING       |     | 103                     | FUEL SYSTEM                                                                      |
| 35296409    | ADAPTOR               |     | 109                     | OPTION - AFTERCOOLER                                                             |
| 35324839    | VALVE, BALL           |     | 49<br>127               | REGULATION SYSTEM<br>RECOMMENDED SPARES                                          |
| 35330844    | HOSE ASSEMBLY         |     | 45                      | SEPARATOR TANK                                                                   |
| 35337328    | STUD, BALL            |     | 19                      | ENCLOSURE                                                                        |
| 35356484    | TUBE, NYLON           |     | 49                      | REGULATION SYSTEM                                                                |
| 35364306    | LUBRICATOR, AIR LINE  |     | 135                     | AIR HOSE FITTINGS                                                                |

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| 35364322    | LUBRICATOR, AIR LINE    |     | 135              | AIR HOSE FITTINGS                                                                    |
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| 35369354    | ELBOW                   |     | 49               | REGULATION SYSTEM                                                                    |
| 35369503    | TEE                     |     | 49               | REGULATION SYSTEM                                                                    |
| 35371103    | LUBRICATOR, AIR LINE    |     | 135              | AIR HOSE FITTINGS                                                                    |
| 35371111    | LUBRICATOR, AIR LINE    |     | 135              | AIR HOSE FITTINGS                                                                    |
| 35371129    | LUBRICATOR, AIR LINE    |     | 135              | AIR HOSE FITTINGS                                                                    |
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| 35376342    | SPRING                  |     | 35               | AIREND ASSEMBLY                                                                      |
| 35376359    | SEAL                    |     | 35               | AIREND ASSEMBLY                                                                      |
| 35379700    | CONNECTOR               |     | 49               | REGULATION SYSTEM                                                                    |
| 35379817    | CLIP, RETAINING         |     | 35               | AIREND ASSEMBLY                                                                      |
| 35393990    | HOSE                    |     | 133              | AIR DELIVERY HOSE                                                                    |
| 35579630    | PLUG                    |     | 45               | SEPARATOR TANK                                                                       |
| 35607837    | SPRING                  |     | 19               | ENCLOSURE                                                                            |
| 35611557    | STEM                    |     | 35               | AIREND ASSEMBLY                                                                      |
| 35611615    | PISTON                  |     | 35               | AIREND ASSEMBLY                                                                      |
| 35612746    | KEY, REPLACEMENT        |     | 19               | ENCLOSURE                                                                            |
| 36511623    | VALVE, UNLOADER         |     | 35               | AIREND ASSEMBLY                                                                      |
| 36710036    | MANIFOLD, SERVICE       |     | 43               | OIL/AIR PIPING                                                                       |
| 36769289    | KEY                     |     | 33               | AIREND ASSEMBLY                                                                      |
| 36772028    | WASHER                  |     | 19               | ENCLOSURE                                                                            |
| 36786820    | VALVE                   |     | 109              | OPTION - AFTERCOOLER                                                                 |
| 36788172    | SEAL                    |     | 39               | OIL/AIR PIPING                                                                       |
| 36793602    | LATCH                   |     | 19               | ENCLOSURE                                                                            |
| 36794345    | CYLINDER, KEY           |     | 19               | ENCLOSURE                                                                            |
| 36840437    | ADAPTOR                 |     | 45               | SEPARATOR TANK                                                                       |
| 36847838    | SENSOR, AIR RESTRICTION |     | 37<br>105<br>127 | AIR INTAKE<br>AIR INTAKE<br>RECOMMENDED SPARES                                       |
| 36856250    | RELAY                   |     | 31<br>127        | INSTRUMENTATION AND ELECTRICS<br>RECOMMENDED SPARES                                  |
| 36875565    | MOUNT                   |     | 53               | ENGINE ASSEMBLY                                                                      |
| 36878361    | RELAY, WEATHERPROOF     |     | 27<br>31<br>127  | INSTRUMENTATION AND ELECTRICS<br>INSTRUMENTATION AND ELECTRICS<br>RECOMMENDED SPARES |
| 36880995    | SCREW                   |     | 33<br>53         | AIREND ASSEMBLY<br>ENGINE ASSEMBLY                                                   |
| 36883155    | ADAPTOR                 |     | 109              | OPTION - AFTERCOOLER                                                                 |
| 36889608    | SCREW                   |     | 103              | FUEL SYSTEM                                                                          |
| 36898096    | SCREW                   |     | 27<br>31<br>99   | INSTRUMENTATION AND ELECTRICS<br>INSTRUMENTATION AND ELECTRICS<br>COOLING SYSTEM     |
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| 46491296    | KIT, PACKARD CONNECTOR    |     | 141       | CONNECTOR REPAIR KITS                               |
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| 46491320    | AMP AMPSEAL TERMINAL C    |     | 137       | SERVICE TOOLS                                       |
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| 46491346    | MOLEX 0.6 TERMINAL CRIM   |     | 137       | SERVICE TOOLS                                       |
| 46491361    | MOLEX 0.6 TERMINAL REMO   |     | 137       | SERVICE TOOLS                                       |
| 46491411    | KIT, JOHN DEERE AND YAN   |     | 141       | CONNECTOR REPAIR KITS                               |
| 46491429    | KIT, CUMMINS QSX15 ENGINE |     | 141       | CONNECTOR REPAIR KITS                               |
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| 46491653    | MOLEX 1.5 TERMINAL REMO   |     | 137       | SERVICE TOOLS                                       |
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| 46491999    | CONTROLLER                |     | 27<br>127 | INSTRUMENTATION AND ELECTRICS<br>RECOMMENDED SPARES |
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| 46517454    | PISTON                    |     | 3         | RUNNING GEAR                                        |
| 46517603    | SCREW                     |     | 3         | RUNNING GEAR                                        |
| 46538377    | SEAL                      |     | 41        | OIL/AIR PIPING                                      |
| 46540399    | MOUNT, RUBBER STOPPER     |     | 19        | ENCLOSURE                                           |
| 46541223    | NUT                       |     | 27        | INSTRUMENTATION AND ELECTRICS                       |
| 46547824    | TEE                       |     | 49        | REGULATION SYSTEM                                   |
| 46547840    | TEE                       |     | 99        | COOLING SYSTEM                                      |
| 46547980    | ELBOW                     |     | 109       | OPTION - AFTERCOOLER                                |
| 46550548    | KIT, DAMPER               |     | 3         | RUNNING GEAR                                        |
| 46551102    | SENSOR, TEMPERATURE       |     | 59        | EXHAUST RCN AIR PIPING                              |
| 46551221    | CJ4 ENGINE OIL            |     | 131       | FLUIDS                                              |
| 46551222    | CJ4 ENGINE OIL            |     | 131       | FLUIDS                                              |
| 46551223    | CJ4 ENGINE OIL            |     | 131       | FLUIDS                                              |
| 46551660    | SEPARATOR, WATER          |     | 109       | OPTION - AFTERCOOLER                                |
| 46552214    | REDUCER                   |     | 109       | OPTION - AFTERCOOLER                                |
| 46553542    | COVER                     |     | 35        | AIREND ASSEMBLY                                     |
| 46553553    | COVER, INLET              |     | 35        | AIREND ASSEMBLY                                     |
| 46553556    | BEARING                   |     | 35        | AIREND ASSEMBLY                                     |
| 46553557    | O-RING                    |     | 35        | AIREND ASSEMBLY                                     |
| 46553655    | EYE, TOWING               |     | 3<br>7    | RUNNING GEAR<br>RUNNING GEAR                        |
| 46555970    | VALVE, SOLENOID           |     | 49<br>127 | REGULATION SYSTEM<br>RECOMMENDED SPARES             |
| 46556137    | DECAL, BLACK WEB SITE     |     | 23        | DECALS AND DOCUMENTATION                            |
| 46556568    | PROTECTOR, HOSE           |     | 109       | OPTION - AFTERCOOLER                                |
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| 46557840    | CONNECTOR                   |     | 49        | REGULATION SYSTEM                                   |
| 46557961    | ADAPTOR                     |     | 109       | OPTION - AFTERCOOLER                                |
| 46560699    | RIVET                       |     | 15        | ENCLOSURE                                           |
| 46561125    | SLEEVE                      |     | 103       | FUEL SYSTEM                                         |
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| 46564986    | CLAMP                       |     | 27        | INSTRUMENTATION AND ELECTRICS                       |
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| 46569660    | HITCH, BALL                 |     | 3<br>7    | RUNNING GEAR<br>RUNNING GEAR                        |
| 46569679    | EYE, TOWING                 |     | 3<br>7    | RUNNING GEAR<br>RUNNING GEAR                        |
| 46569683    | EYE, TOWING                 |     | 3<br>7    | RUNNING GEAR<br>RUNNING GEAR                        |
| 46569699    | EYE, TOWING                 |     | 3<br>7    | RUNNING GEAR<br>RUNNING GEAR                        |
| 46570819    | RETAINER                    |     | 15        | ENCLOSURE                                           |
| 46573861    | DECAL, DOOSAN TRI-COLO      |     | 23        | DECALS AND DOCUMENTATION                            |
| 46573923    | DECAL, DOOSAN LOGO          |     | 23        | DECALS AND DOCUMENTATION                            |
| 46577619    | HUB, HEX COUPLING           |     | 33        | AIREND ASSEMBLY                                     |
| 46584939    | CLAMP                       |     | 107       | EXHAUST SYSTEM                                      |
| 46592579    | FOAM FIELD KIT (no adhesive |     | 15        | ENCLOSURE                                           |
| 46592580    | FOAM FIELD KIT (no adhesive |     | 15        | ENCLOSURE                                           |
| 46595939    | DECAL, EXHAUST GAS WAR      |     | 25        | DECALS AND DOCUMENTATION                            |
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| 46611559    | FUSE / RELAY CENTER ASS     |     | 31        | INSTRUMENTATION AND ELECTRICS                       |
| 46622211    | ADAPTOR                     |     | 49<br>109 | REGULATION SYSTEM<br>OPTION - AFTERCOOLER           |
| 46624007    | ADAPTOR                     |     | 49        | REGULATION SYSTEM                                   |
| 46624284    | SCREW                       |     | 33<br>39  | AIREND ASSEMBLY<br>OIL/AIR PIPING                   |
| 46624440    | BASE, FILTER                |     | 45        | SEPARATOR TANK                                      |
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| 46626320    | VALVE, SOLENOID             |     | 49<br>127 | REGULATION SYSTEM<br>RECOMMENDED SPARES             |
| 46626400    | SENSOR, TEMPERATURE         |     | 33<br>49  | AIREND ASSEMBLY<br>REGULATION SYSTEM                |
| 46627719    | HINGE                       |     | 27        | INSTRUMENTATION AND ELECTRICS                       |
| 46629380    | SEPARATOR HEAD ASSEMB       |     | 45        | SEPARATOR TANK                                      |
| 46629499    | PIN                         |     | 19        | ENCLOSURE                                           |
| 46630665    | ORIFICE                     |     | 49        | REGULATION SYSTEM                                   |
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| 46643085    | BRACKET              |     | 53   | ENGINE ASSEMBLY               |
| 46643088    | BRACKET              |     | 53   | ENGINE ASSEMBLY               |
| 46643090    | SCREW                |     | 19   | ENCLOSURE                     |
| 46643099    | TUBE ASSEMBLY        |     | 45   | SEPARATOR TANK                |
| 46643101    | BRACKET, OIL COOLER  |     | 41   | OIL/AIR PIPING                |
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| 46643200    | PIPE                 |     | 107  | EXHAUST SYSTEM                |
| 46643201    | MUFFLER              |     | 107  | EXHAUST SYSTEM                |
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| 46643218    | BRACKET              |     | 105  | AIR INTAKE                    |
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| 46643277    | SHROUD, FAN          |     | 99   | COOLING SYSTEM                |
| 46643399    | SHROUD, ELECTRIC FAN |     | 41   | OIL/AIR PIPING                |
| 46646239    | BAIL, LIFTING        |     | 13   | MAIN FRAME                    |
| 46646260    | BAFFLE               |     | 99   | COOLING SYSTEM                |
| 46646280    | TUBE ASSEMBLY        |     | 45   | SEPARATOR TANK                |
| 46646283    | BRACKET              |     | 107  | EXHAUST SYSTEM                |
| 46646285    | TUBE                 |     | 99   | COOLING SYSTEM                |
| 46646287    | HOSE                 |     | 99   | COOLING SYSTEM                |
| 46646288    | HOSE                 |     | 99   | COOLING SYSTEM                |
| 46646289    | HOSE                 |     | 99   | COOLING SYSTEM                |
| 46647203    | ADAPTOR              |     | 45   | SEPARATOR TANK                |
| 46648000    | TANK, SEPARATOR      |     | 45   | SEPARATOR TANK                |
| 46648059    | BRACKET              |     | 45   | SEPARATOR TANK                |
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| 46649323    | BRACKET              |     | 31   | INSTRUMENTATION AND ELECTRICS |
| 46649324    | BRACKET              |     | 31   | INSTRUMENTATION AND ELECTRICS |
| 46649379    | FRAME                |     | 13   | MAIN FRAME                    |
| 46649619    | CONNECTOR            |     | 99   | COOLING SYSTEM                |
| 46650044    | BRACKET, OIL COOLER  |     | 41   | OIL/AIR PIPING                |
| 46650046    | STRAP                |     | 103  | FUEL SYSTEM                   |
| 46650048    | PANEL                |     | 15   | ENCLOSURE                     |
| 46650049    | BRACKET, OIL COOLER  |     | 41   | OIL/AIR PIPING                |
| 46650050    | PANEL                |     | 19   | ENCLOSURE                     |
| 46650076    | PANEL                |     | 19   | ENCLOSURE                     |
| 46650446    | PANEL                |     | 19   | ENCLOSURE                     |
| 46650533    | BAFFLE               |     | 99   | COOLING SYSTEM                |
| 46650626    | BRACKET              |     | 27   | INSTRUMENTATION AND ELECTRICS |
| 46651106    | PANEL                |     | 13   | MAIN FRAME                    |
| 46651107    | PANEL                |     | 13   | MAIN FRAME                    |
| 46651108    | PANEL                |     | 13   | MAIN FRAME                    |
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| 46651173    | BRACKET, LIFTING EYE |     | 13               | MAIN FRAME                                              |
| 46651174    | COVER                |     | 19               | ENCLOSURE                                               |
| 46651175    | BRACKET              |     | 19               | ENCLOSURE                                               |
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| 46651216    | BRACKET              |     | 109              | OPTION - AFTERCOOLER                                    |
| 46651219    | AFTERCOOLER          |     | 109              | OPTION - AFTERCOOLER                                    |
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| 46651540    | COOLER               |     | 99               | COOLING SYSTEM                                          |
| 46651680    | BRACKET              |     | 33               | AIREND ASSEMBLY                                         |
| 46651791    | STUD                 |     | 27               | INSTRUMENTATION AND ELECTRICS                           |
| 46651897    | HOSE                 |     | 99               | COOLING SYSTEM                                          |
| 46651929    | HOSE, REDUCING       |     | 99               | COOLING SYSTEM                                          |
| 46651930    | COVER                |     | 99               | COOLING SYSTEM                                          |
| 46651932    | BRACKET              |     | 99               | COOLING SYSTEM                                          |
| 46651933    | TAILPIPE             |     | 107              | EXHAUST SYSTEM                                          |
| 46652066    | CLAMP                |     | 107              | EXHAUST SYSTEM                                          |
| 46652269    | CLUTCH               |     | 53               | ENGINE ASSEMBLY                                         |
| 46652270    | FAN                  |     | 53               | ENGINE ASSEMBLY                                         |
| 46652590    | BOX, RELAY MOUNTING  |     | 31               | INSTRUMENTATION AND ELECTRICS                           |
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| 46653058    | FUEL FILTER ASSEMBLY |     | 103              | FUEL SYSTEM                                             |
| 46653096    | HOSE ASSEMBLY        |     | 103              | FUEL SYSTEM                                             |
| 46653112    | DOOR                 |     | 19               | ENCLOSURE                                               |
| 46653176    | PANEL                |     | 15               | ENCLOSURE                                               |
| 46653284    | LED PANEL ASSEMBLY   |     | 27               | INSTRUMENTATION AND ELECTRICS                           |
| 46653286    | BUSH                 |     | 27               | INSTRUMENTATION AND ELECTRICS                           |
| 46653456    | COVER                |     | 19               | ENCLOSURE                                               |
| 46654625    | TUBE ASSEMBLY        |     | 109              | OPTION - AFTERCOOLER                                    |
| 46654694    | BRACKET              |     | 109              | OPTION - AFTERCOOLER                                    |
| 46654842    | GUARD, FAN           |     | 99               | COOLING SYSTEM                                          |
| 46654913    | PIN                  |     | 13               | MAIN FRAME                                              |
| 46655182    | GUARD                |     | 41               | OIL/AIR PIPING                                          |
| 46655183    | GUARD                |     | 99               | COOLING SYSTEM                                          |
| 46655217    | PIPE, EXHAUST        |     | 107              | EXHAUST SYSTEM                                          |
| 46655234    | TUBE                 |     | 99               | COOLING SYSTEM                                          |
| 46655243    | TUBE                 |     | 99               | COOLING SYSTEM                                          |
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| 46656677    | HOSE ASSEMBLY           |     | 39              | OIL/AIR PIPING                                                                       |
| 46656681    | CABLE COVER ASSEMBLY    |     | 3<br>7          | RUNNING GEAR<br>RUNNING GEAR                                                         |
| 46656685    | KIT, CONNECTING         |     | 3<br>7          | RUNNING GEAR<br>RUNNING GEAR                                                         |
| 46656866    | HOUSING                 |     | 105             | AIR INTAKE                                                                           |
| 46656921    | HOUSING                 |     | 37              | AIR INTAKE                                                                           |
| 46656931    | BRACKET, LIFTING BAIL   |     | 13              | MAIN FRAME                                                                           |
| 46656979    | BRACKET                 |     | 107             | EXHAUST SYSTEM                                                                       |
| 46657068    | NIPPLE                  |     | 43              | OIL/AIR PIPING                                                                       |
| 46657069    | NIPPLE                  |     | 43              | OIL/AIR PIPING                                                                       |
| 46663056    | INSULATION              |     | 107             | EXHAUST SYSTEM                                                                       |
| 46663208    | WASHER                  |     | 19              | ENCLOSURE                                                                            |
| 46663210    | COVER                   |     | 15              | ENCLOSURE                                                                            |
| 46664261    | SHROUD, OIL COOLER      |     | 41              | OIL/AIR PIPING                                                                       |
| 46664391    | CAP                     |     | 13              | MAIN FRAME                                                                           |
| 46664392    | PANEL                   |     | 15              | ENCLOSURE                                                                            |
| 46664422    | PANEL                   |     | 15              | ENCLOSURE                                                                            |
| 46666123    | COVER                   |     | 15              | ENCLOSURE                                                                            |
| 46666609    | SWITCH, PRESSURE        |     | 27<br>127       | INSTRUMENTATION AND ELECTRICS<br>RECOMMENDED SPARES                                  |
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| 46668106    | CONNECTOR               |     | 103             | FUEL SYSTEM                                                                          |
| 46668110    | CONNECTOR               |     | 103             | FUEL SYSTEM                                                                          |
| 46668447    | HOSE                    |     | 105             | AIR INTAKE                                                                           |
| 46668500    | BRACKET                 |     | 103             | FUEL SYSTEM                                                                          |
| 46669223    | CAP                     |     | 15              | ENCLOSURE                                                                            |
| 46669279    | CONNECTOR               |     | 103             | FUEL SYSTEM                                                                          |
| 46669371    | SENSOR                  |     | 109             | OPTION - AFTERCOOLER                                                                 |
| 46669627    | DECAL, MODEL NUMBER 7/7 |     | 23              | DECALS AND DOCUMENTATION                                                             |
| 46670462    | SENSOR, PRESSURE        |     | 59              | EXHAUST RCN AIR PIPING                                                               |
| 46670615    | CLUTCH ASSEMBLY         |     | 53              | ENGINE ASSEMBLY                                                                      |
| 46670666    | SENSOR, TEMPERATURE     |     | 33              | AIREND ASSEMBLY                                                                      |
| 46671097    | SPACER                  |     | 53              | ENGINE ASSEMBLY                                                                      |
| 46671117    | HINGE                   |     | 19              | ENCLOSURE                                                                            |
| 46671200    | FAN, ELECTRIC           |     | 41              | OIL/AIR PIPING                                                                       |
| 46671219    | WASHER PLATE            |     | 41              | OIL/AIR PIPING                                                                       |

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| 46677007    | CLAMP                  |     | 3    | RUNNING GEAR           |
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| 46677014    | BRAKE ROD ASSEMBLY     |     | 3    | RUNNING GEAR           |
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| 92123231    | ELBOW                  |     | 45   | SEPARATOR TANK           |
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| 95364469    | ELBOW                |     | 49                                                                       | REGULATION SYSTEM                                                                                                                                                                                                                     |
| 95368890    | ELBOW                |     | 39                                                                       | OIL/AIR PIPING                                                                                                                                                                                                                        |
| 95376943    | SET SCREW            |     | 33                                                                       | AIREND ASSEMBLY                                                                                                                                                                                                                       |
| 95431292    | ELBOW                |     | 45                                                                       | SEPARATOR TANK                                                                                                                                                                                                                        |
| 95667341    | NIPPLE               |     | 49<br>109                                                                | REGULATION SYSTEM<br>OPTION - AFTERCOOLER                                                                                                                                                                                             |
| 95916367    | PLUG                 |     | 45                                                                       | SEPARATOR TANK                                                                                                                                                                                                                        |
| 95923298    | NUT                  |     | 49                                                                       | REGULATION SYSTEM                                                                                                                                                                                                                     |
| 95930301    | BUSH                 |     | 49                                                                       | REGULATION SYSTEM                                                                                                                                                                                                                     |
| 95935029    | WASHER               |     | 19<br>27<br>115                                                          | ENCLOSURE<br>INSTRUMENTATION AND ELECTRICS<br>OPTION - ROAD LIGHTS - DRIVING LIGHTS                                                                                                                                                   |
| 95935037    | WASHER               |     | 45                                                                       | SEPARATOR TANK                                                                                                                                                                                                                        |
| 95938148    | CONNECTOR            |     | 39                                                                       | OIL/AIR PIPING                                                                                                                                                                                                                        |
| 95944666    | ELBOW                |     | 99                                                                       | COOLING SYSTEM                                                                                                                                                                                                                        |
| 95949749    | ELBOW                |     | 109                                                                      | OPTION - AFTERCOOLER                                                                                                                                                                                                                  |
| 95954293    | CROSS                |     | 49                                                                       | REGULATION SYSTEM                                                                                                                                                                                                                     |
| 96701396    | WASHER               |     | 15<br>107                                                                | ENCLOSURE<br>EXHAUST SYSTEM                                                                                                                                                                                                           |
| 96701461    | SCREW                |     | 27                                                                       | INSTRUMENTATION AND ELECTRICS                                                                                                                                                                                                         |
| 96702170    | SCREW                |     | 35                                                                       | AIREND ASSEMBLY                                                                                                                                                                                                                       |
| 96702279    | SCREW                |     | 43<br>45                                                                 | OIL/AIR PIPING<br>SEPARATOR TANK                                                                                                                                                                                                      |
| 96703962    | SCREW                |     | 13                                                                       | MAIN FRAME                                                                                                                                                                                                                            |
| 96704176    | NUT                  |     | 27                                                                       | INSTRUMENTATION AND ELECTRICS                                                                                                                                                                                                         |
| 96704408    | SCREW                |     | 13<br>19<br>27<br>31<br>37<br>41<br>53<br>99<br>103<br>105<br>107<br>109 | MAIN FRAME<br>ENCLOSURE<br>INSTRUMENTATION AND ELECTRICS<br>INSTRUMENTATION AND ELECTRICS<br>AIR INTAKE<br>OIL/AIR PIPING<br>ENGINE ASSEMBLY<br>COOLING SYSTEM<br>FUEL SYSTEM<br>AIR INTAKE<br>EXHAUST SYSTEM<br>OPTION - AFTERCOOLER |
| 96704580    | NUT                  |     | 27                                                                       | INSTRUMENTATION AND ELECTRICS                                                                                                                                                                                                         |
| 96704630    | NUT                  |     | 13                                                                       | MAIN FRAME                                                                                                                                                                                                                            |
| 96705132    | NUT                  |     | 15                                                                       | ENCLOSURE                                                                                                                                                                                                                             |

| Part Number | Denomination  | WAS | Page | Subgroup                      |
|-------------|---------------|-----|------|-------------------------------|
| 96716774    | SCREW         |     | 43   | OIL/AIR PIPING                |
| 96728274    | NUT           |     | 27   | INSTRUMENTATION AND ELECTRICS |
| 96728480    | SCREW         |     | 107  | EXHAUST SYSTEM                |
| 96735543    | NUT           |     | 13   | MAIN FRAME                    |
| 96737531    | SCREW         |     | 113  | OPTION - ROAD LIGHTS          |
| 96738695    | SCREW         |     | 13   | MAIN FRAME                    |
|             |               |     | 15   | ENCLOSURE                     |
|             |               |     | 27   | INSTRUMENTATION AND ELECTRICS |
|             |               |     | 99   | COOLING SYSTEM                |
| 97319941    | CHECK, SAFETY |     | 135  | AIR HOSE FITTINGS             |