THERMO KING

*Parts Manual*

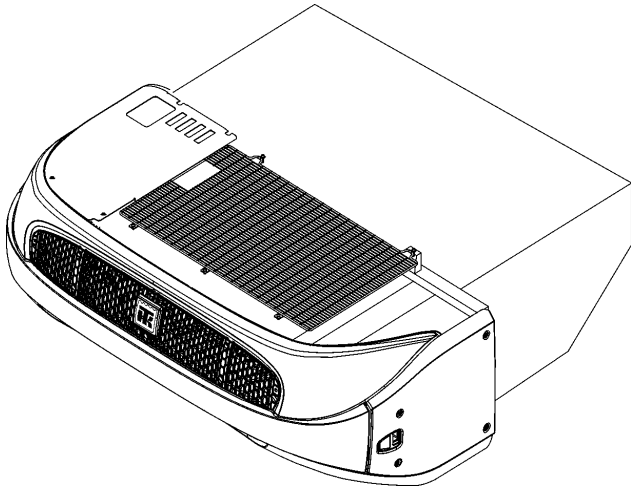
# T-1080R TSA

TK 55629-1-PM (Rev. 0.1)

Ingersoll Rand

# T-1080R TSA

TK 55629-0.1



Printed: June 19, 2013

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# General Information

### Tables of Contents

This Parts Manual contains a numerical table of contents listing each assembly name, its associated Grid number and page number. The numerical table of contents is arranged numerically by Grid number. There are references in a parts list referring to other Grid numbers; the numerical table of contents is arranged to facilitate finding the referenced illustrations.

### Assemblies and Subassemblies

When parts are indented in the description list, they are preceded with an asterisk (*). This indicates that the part(s) is available separately or included in an assembly.

**GRID NO. 67D6**
**SWITCH PANEL ASSEMBLY**

| REF | PART# | DESCRIPTION | QTY |
|---|---|---|---|
| | 45-1239 | PANEL - assy, switch | 1 |
| 1 | 99-1960 | *PANEL | 1 |
| | 99-6280 | **NAMEPLATE - panel | 1 |
| 2 | 33-743 | *GASKET | 1 |

**For example:** The Switch Panel Nameplate (99-6280) is available separately, available as part of the Switch Panel (99-1960) and with the Panel Assembly (45-1239).

## ABBREVIATIONS: *The following abbreviations appear in Parts Manuals.*

**A**
AC .....alternating current
A/R .....as required
accum.....accumulator
adj .....adjusting
al .....aluminum
alt .....alternator
A or amp.....ampere
assy.....assembly

**B**
bd .....board
brg.....bearing
brkr.....breaker
brkt .....bracket

**C**
C .....Celsius
cw.....clockwise
ccw.....counter-clockwise
cam .....camshaft
cm .....centimeters
compr .....compressor
cond .....condenser
conn .....connecting, connector
cyl.....cylinder

**D**
def .....defrost
deg .....degree
dehyd .....dehydrator
dia .....diameter
DC.....direct current
disch.....discharge
diff .....differential

**E**
EMI.....Extended Maintenance Interval
EMEIA.....Europe, Middle East, India and Africa
eng .....engine
exch.....exchanger
exp .....expansion
ext .....external

**F**
F.....Fahrenheit
fill.....fillister
fi .....fuel injection
fl .....flare
fpt .....female pipe thread
ft .....feet
ftg .....fitting

**G**
gal .....gallon

**H**
hex .....hexagon
hh .....hexagon head
hd .....head
hp .....horsepower
hsg .....housing

**I**
id .....inside diameter
in .....inch (2.54 cm)
incl.....includes
inj .....injection
int .....internal
int th .....internal tooth

**K**
kW.....kiloWatt

**L**
L.....Liter (Litre)
liq .....liquid
lg .....long

**M**
M.....Meter
mm .....millimeter
mpt .....male pipe thread
mod .....modulating

**N**
neg .....negative
No .....number
NS .....not supplied
NSS.....not sold separately
os .....oversized
od .....outside diameter

**P**
pcb .....printed circuit board
pkg .....package
ph .....phase
pos .....positive
psi .....pounds per square inch

**R**
rad.....radiator
rcvr .....receiver
ref.....reference
reg.....regulator
req.....required
rpm.....revolutions per minute

**S**
sec.....second
sld .....solder
soc hd.....socket head
sol .....solenoid
spl .....special
sq .....square
ss .....stainless steel
std .....standard
stl .....steel
suct.....suction
sw.....switch

**T**
term.....terminal
temp .....temperature
thk .....thick
TSA .....Transport Solutions Americas

**U**
us .....undersize

**V**
vib .....vibrasorber
V.....Volt

**W**
W.....watt
w/ .....with
w/o.....without

# Contents

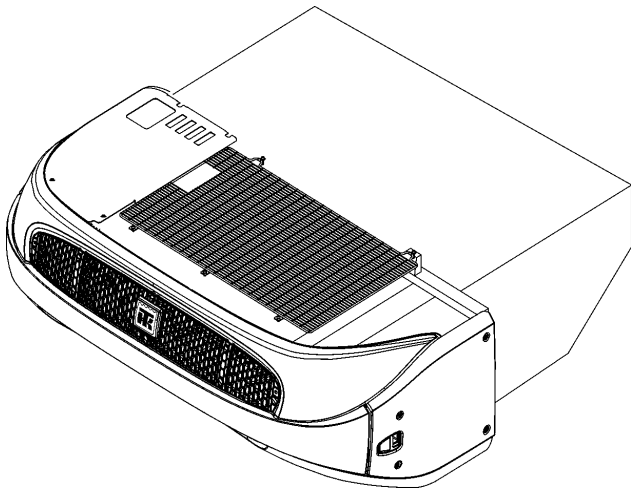

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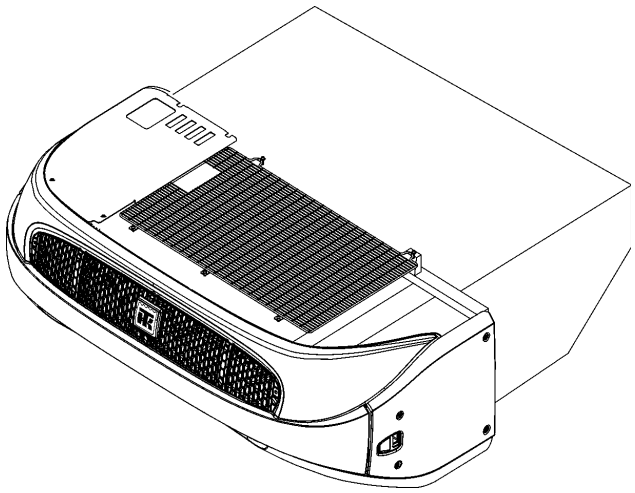

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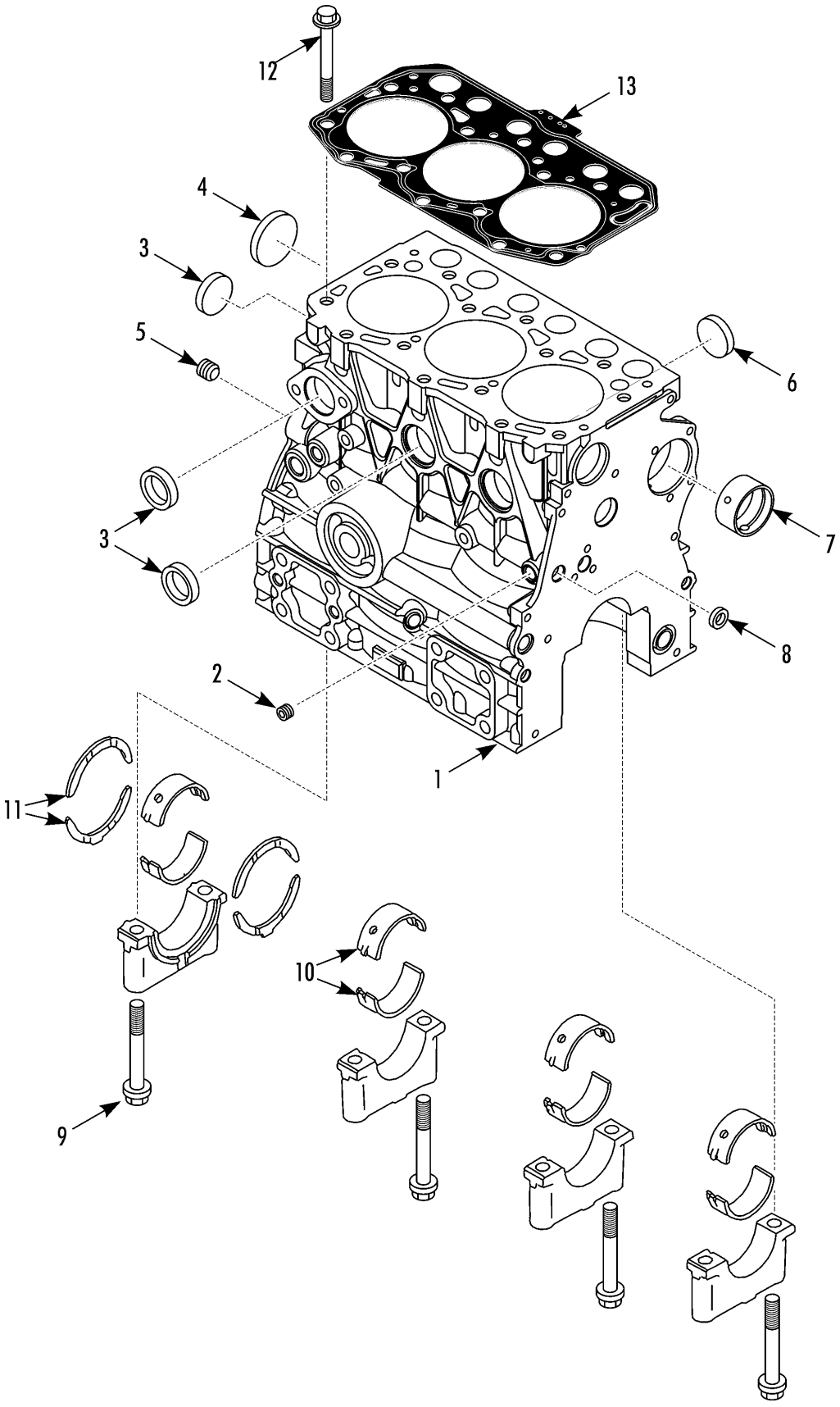

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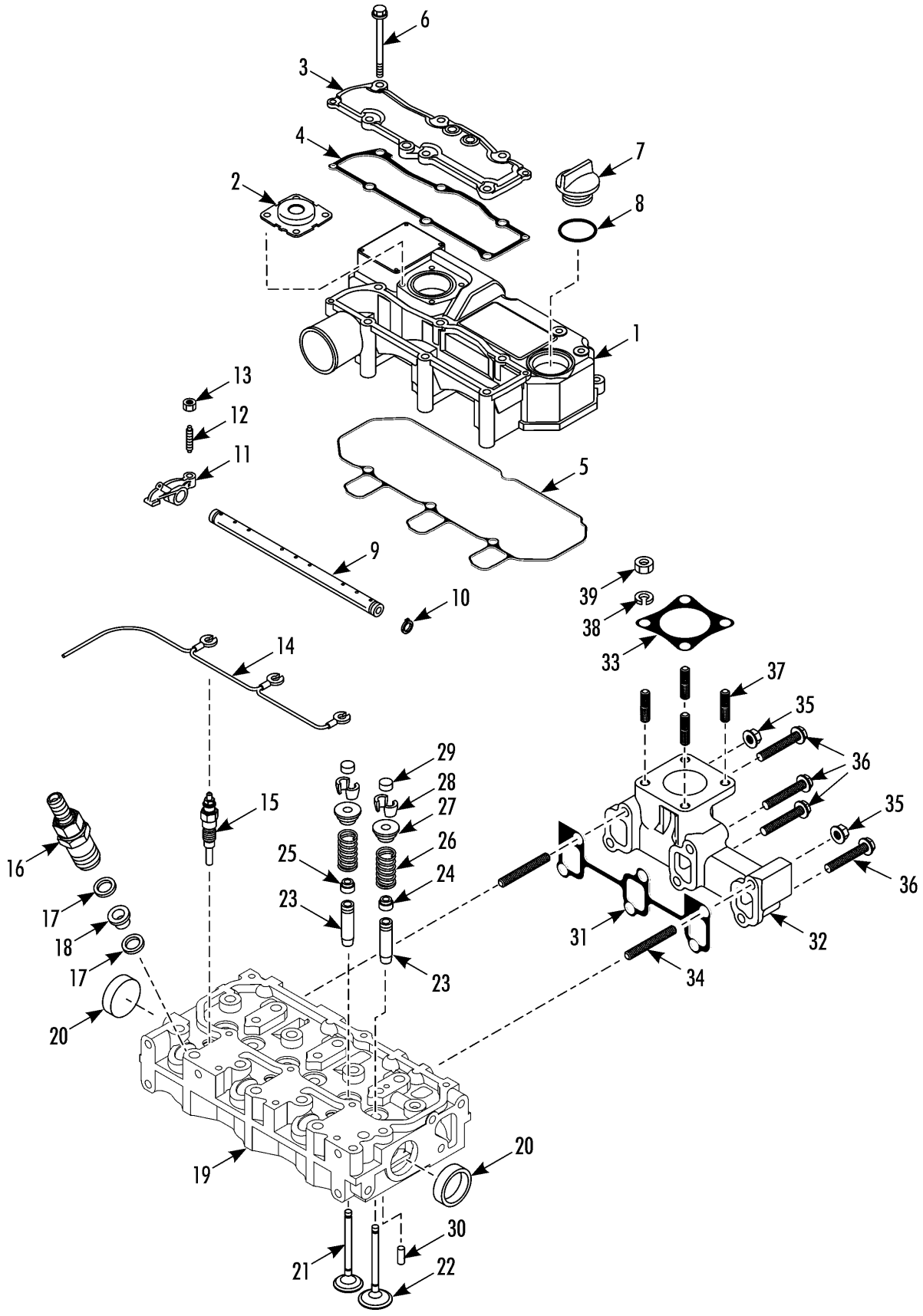
| B/M | DESCRIPTION | DATE |
|---|---|---|
| 902382 | System T-1080R 30 SR TSA | 12/12 |
| 902383 | System T-1080R 50 TSA 230/3/60 | 12/12 |
| 901408 | System T-1080R 50 TSA 460/3/60 | 12/12 |
| 088917 | T-1080R 30 SR TSA | 12/12 |
| 088918 | T-1080R 50 SR 230/3/60 TSA | 12/12 |
| 088919 | T-1080R 50 SR 460/3/60 TSA | 12/12 |
| 088258 | DAS datalogger TSA | 12/12 |
| 088275 | Evaporator Covers | 12/12 |
| 088292 | Heaters | 12/12 |
| 088296 | Thermometer F | 12/12 |
| 088297 | Thermometer C | 12/12 |
| 088302 | DAS-TracKing (TSA) | 12/12 |
| 088319 | Top Screen | 12/12 |
| 088325 | Remote Box HMI | 12/12 |
| 088333 | Chrome Grille | 12/12 |
| 088562 | Engine Block Heater | 12/12 |
| 088837 | Remote Service Watch Port | 12/12 |
| 088839 | 400/3/50 EMEIA Receptacle | 12/12 |
| 088840 | 230V 50 amp Receptacle | 12/12 |
| 088841 | 460V 20 amp Receptacle | 12/12 |
| 088866 | Whisper Plus Kit | 12/12 |
| 088867 | Ldb Top Screen | 12/12 |
| 088883 | Extended Power Cable 230V 50 amp | 12/12 |
| 088884 | Extended Power Cable 460V 20 amp | 12/12 |
| 088887 | Extended Harnesses | 12/12 |
| 088888 | Extended Harnesses | 12/12 |
| 088891 | Premium HMI Extended harness | 12/12 |
| 088899 | Standard HMI Extended harness | 12/12 |
| 097699 | Oil Drain Valve | 12/12 |
| 097739 | Premium HMI | 12/12 |
| 700248 | Door Switch | 12/12 |
| 700534 | Door Switch | 12/12 |
| 700955 | Hose Management (straight) | 12/12 |



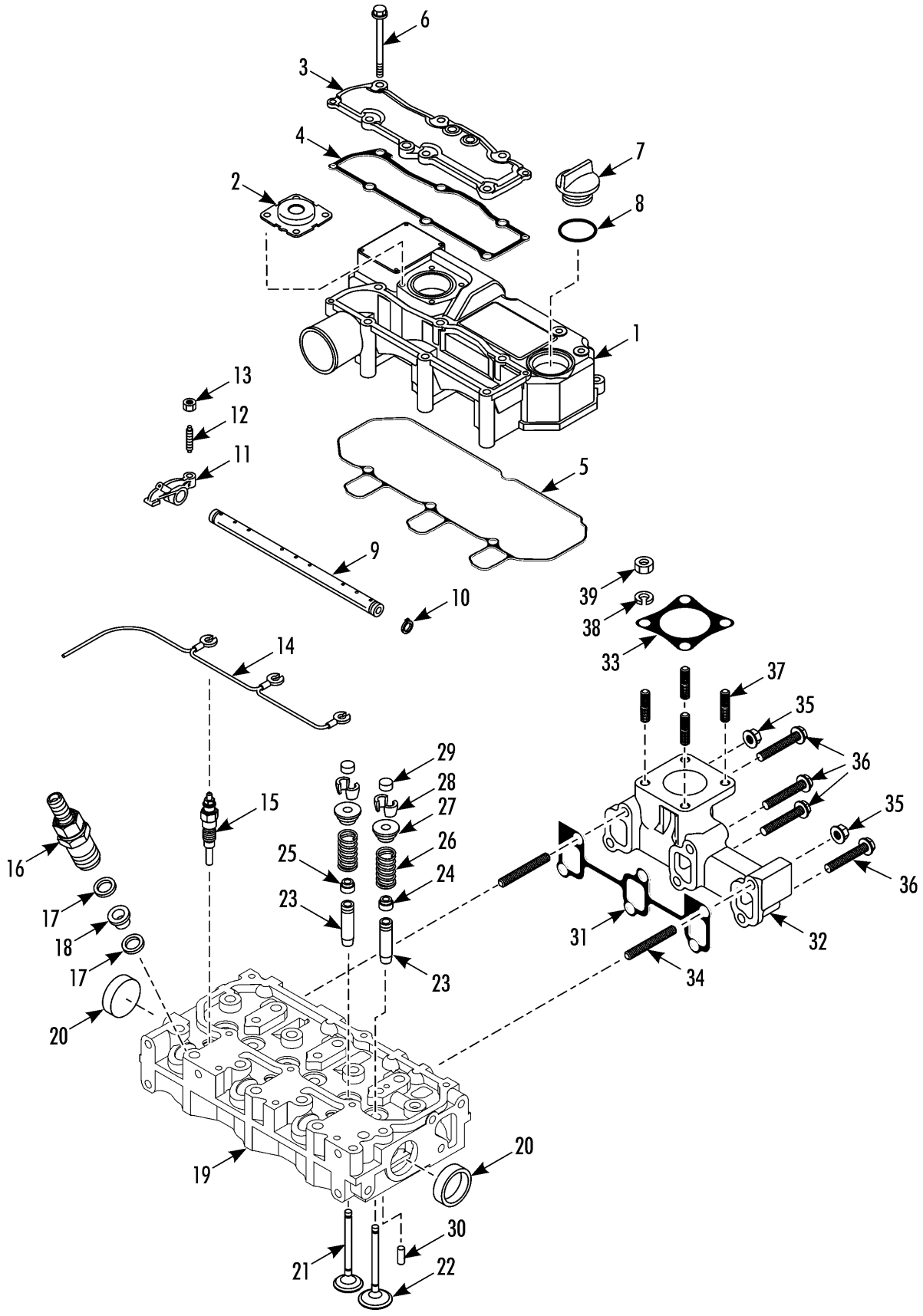
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|---|---|---|
| 700956 | Hose Management (curved) | 12/12 |
| 701299 | Remote Status Light Kit | 12/12 |
| 701468 | Fuel Tank 30 Gal | 12/12 |
| 701651 | Flush Mount Controller TSA | 12/12 |
| 702177 | Snow Cover | 12/12 |
| 718350 | DAS Sensor 10 ft | 12/12 |
| 718351 | DAS Sensor 20 ft | 12/12 |
| 718352 | DAS Sensor 40 ft | 12/12 |
| 800373 | Installation Kit | 12/12 |
| 810044 | Battery Box TSA | 12/12 |


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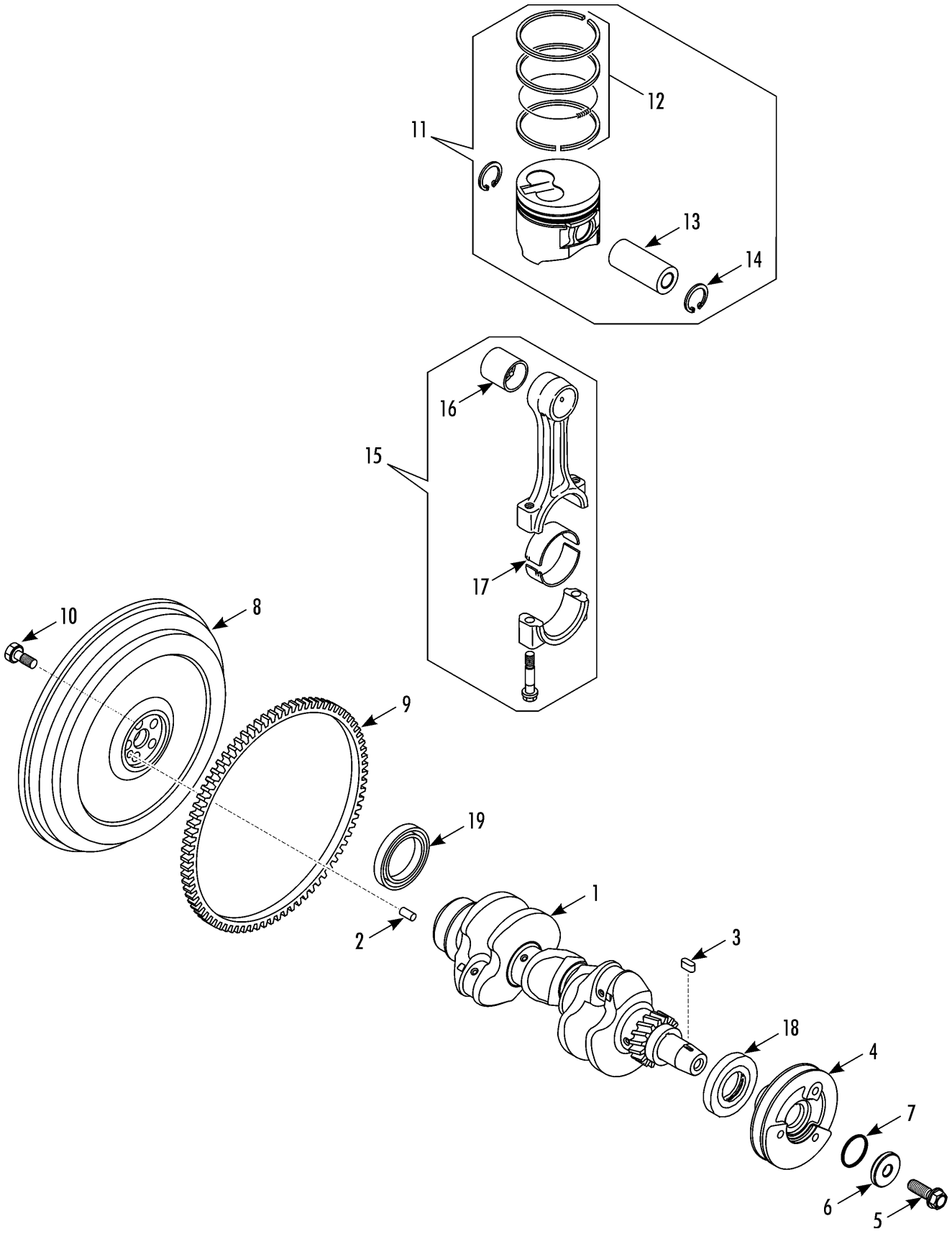
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| | 101-400 | ENGINE ASSEMBLY (3TNV80) | 1 |
| 1 | NSS | BLOCK - cylinder | 1 |
| 2 | 55-4593 | *PLUG (1/8) | 1 |
| 3 | 11-5499 | *PLUG (30 mm) | 4 |
| 4 | 51-590 | *PLUG (45 mm) | 1 |
| 5 | 55-6176 | *PLUG (1/4) | 1 |
| 6 | 55-5779 | *PLUG (25 mm) | 3 |
| 7 | 13-843 | *BUSHING - camshaft | 1 |
| 8 | 11-6555 | *PLUG (12 mm) | 1 |
| 9 | 55-6178 | *BOLT | 8 |
| 10 | 13-844 | *BEARING - main | 4 |
| | 13-846 | *BEARING - main (0.25 US) | 4 |
| 11 | 13-553 | *BEARING - thrust (set of 2) | 1 |
| 12 | 51-625 | SCREW - cylinder head | 14 |
| 13 | 33-5076 | GASKET - cylinder head | 1 |
| | 30-317 | GASKET SET (see 267C8) | 1 |


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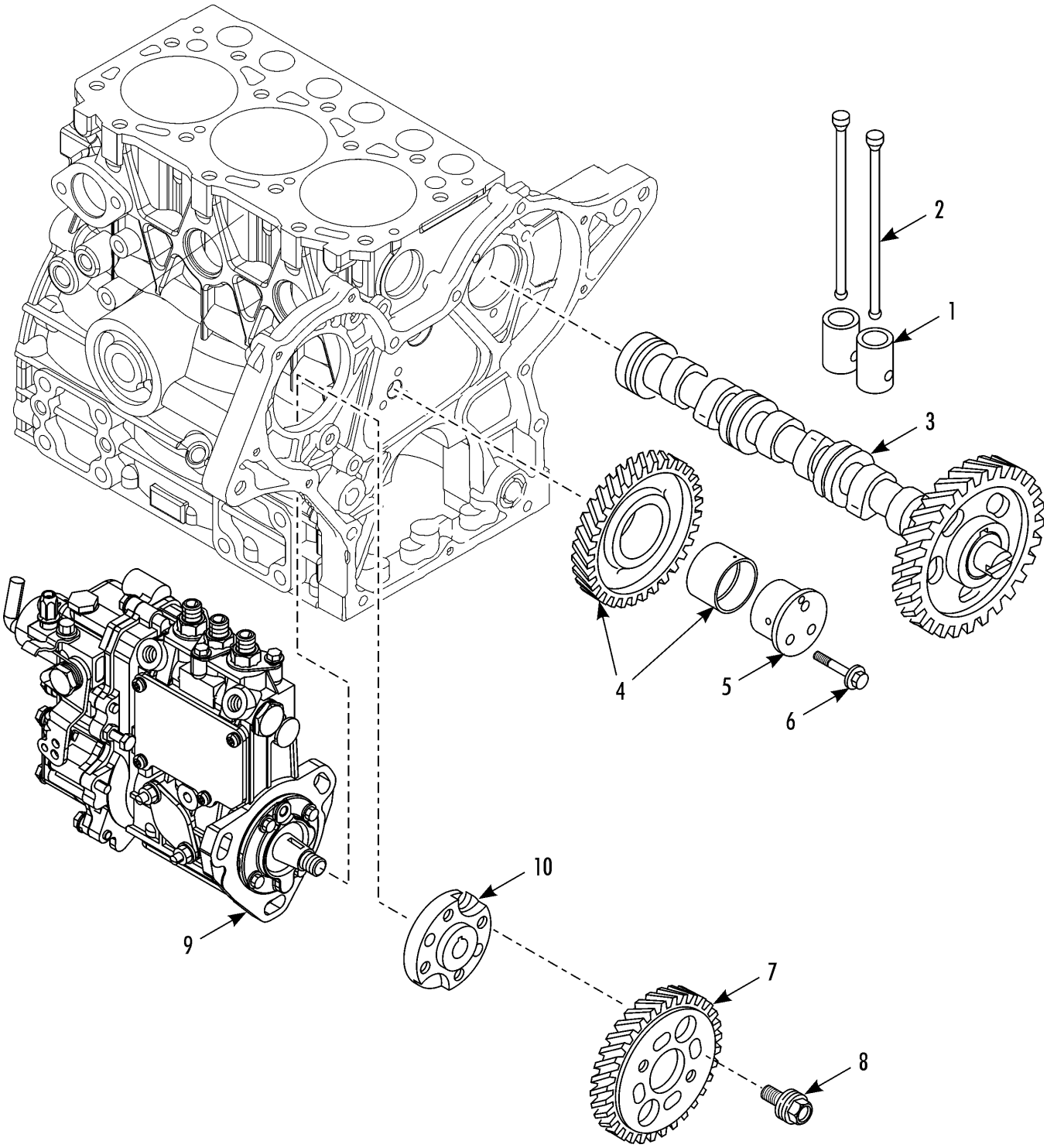
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 13-412 | COVER - cylinder head | 1 |
| 2 | 13-339 | *VALVE - diaphragm | 1 |
| | 33-4091 | *O-RING - diaphragm | 1 |
| 3 | 11-9662 | *COVER - intake | 1 |
| 4 | 33-3823 | *GASKET - cover | 1 |
| 5 | 33-3822 | *GASKET | 1 |
| 6 | 51-600 | SCREW - valve cover | 6 |
| 7 | 11-5091 | COVER - filler | 1 |
| 8 | 33-1954 | O-RING - oil filler | 1 |
| 9 | 11-9655 | SHAFT - rocker | 1 |
| 10 | 11-6579 | CIRCLIP | 2 |
| 11 | 11-9657 | ARM - rocker | 6 |
| 12 | 55-8859 | *SCREW - valve | 6 |
| 13 | 55-8860 | *NUT - adjust | 6 |
| 14 | 41-6702 | CONNECTOR - glow plug | 1 |
| 15 | 42-916 | GLOW PLUG | 3 |
| 16 | 13-1391 | VALVE - injection | 3 |
| 17 | 33-1733 | GASKET - nozzle | 6 |
| 18 | 11-9646 | PROTECTOR - nozzle | 3 |
| 19 | NSS | HEAD ASSEMBLY - cylinder | 1 |
| 20 | 55-5806 | *PLUG (35 mm) | 2 |
| 21 | 13-1394 | *VALVE - exhaust | 3 |
| 22 | 13-1399 | *VALVE - intake | 3 |
| 23 | 13-411 | *GUIDE - valve | 6 |
| 24 | 11-9653 | *SEAL - valve stem (intake) | 3 |
| 25 | 11-9654 | *SEAL - valve stem (exhaust) | 3 |
| 26 | 11-9650 | *SPRING - valve | 6 |
| 27 | 11-9651 | *RETAINER - spring | 6 |
| 28 | 11-9652 | *KEEPER - valve | 12 |
| 29 | 11-9647 | CAP - valve | 6 |
| 30 | 55-5803 | SPRING - pin | 2 |
| 31 | 33-3824 | GASKET - exhaust manifold | 1 |
| 32 | 13-1028 | MANIFOLD - exhaust | 1 |


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| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 33 | 33-1907 | GASKET - silencer | 1 |
| 34 | 51-601 | STUD - manifold | 2 |
| 35 | 51-594 | NUT - manifold | 2 |
| 36 | 51-602 | SCREW - manifold | 4 |
| 37 | 55-6184 | STUD - exhaust pipe | 4 |
| 38 | 55-6183 | LOCKWASHER | 4 |
| 39 | 55-6186 | NUT - exhaust pipe | 4 |
| | 30-317 | GASKET SET (see 267C8) | 1 |


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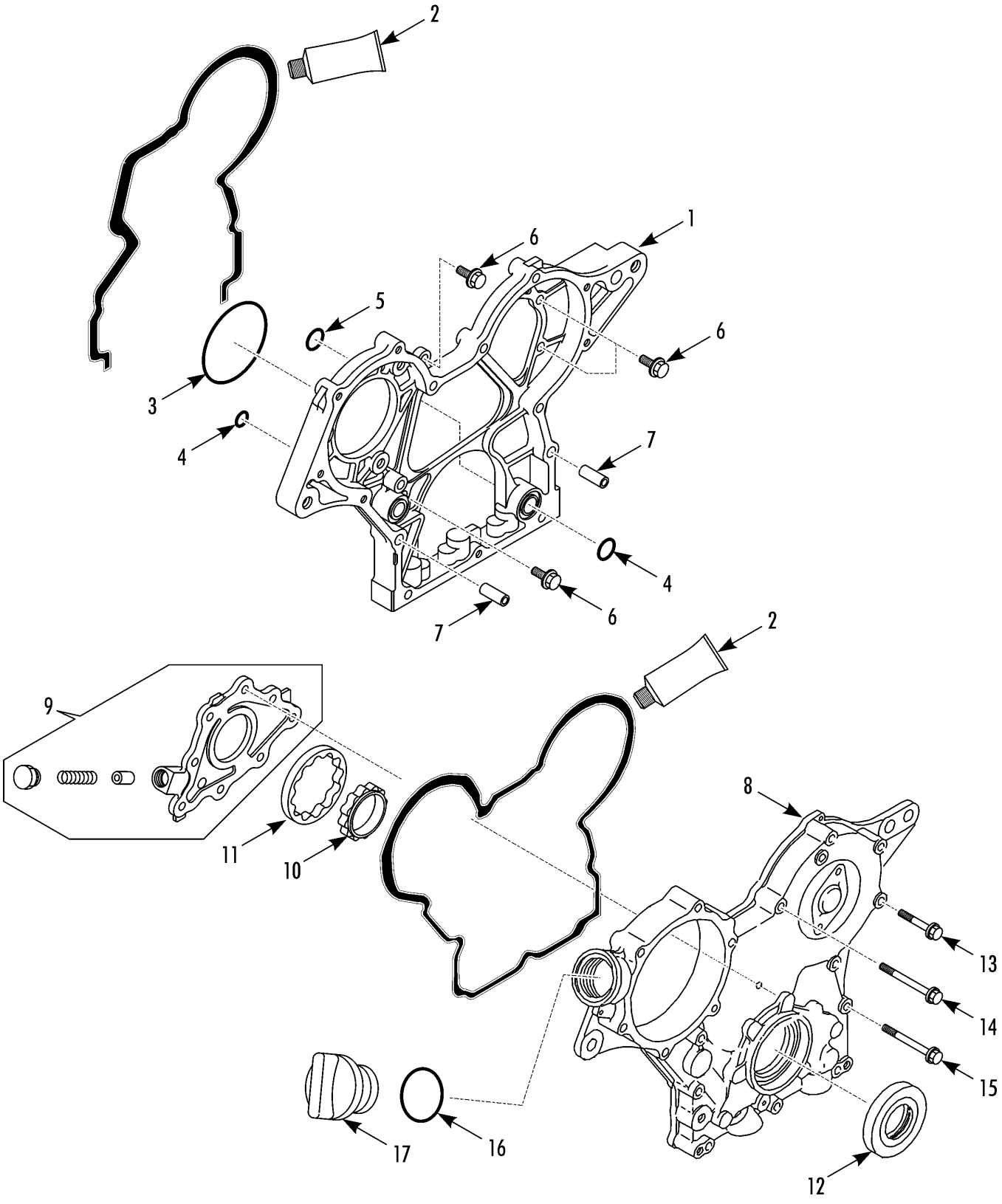
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 12-996 | CRANKSHAFT - assembly | 1 |
| 2 | 55-5816 | *PIN - dowel (flywheel) | 1 |
| 3 | 55-5813 | *KEY - gear | 1 |
| 4 | 77-3090 | PULLEY - crankshaft | 1 |
| 5 | 51-2363 | SCREW - pulley | 1 |
| 6 | 51-2364 | WASHER | 1 |
| 7 | 13-1611 | WASHER | 2 |
| 8 | 12-994 | FLYWHEEL - assembly | 1 |
| 9 | 11-7031 | *GEAR - ring | 1 |
| 10 | 55-6382 | SCREW - flywheel | 5 |
| 11 | 13-1405 | PISTON KIT (std, incl rings, pin & circlip) | 3 |
| 12 | 13-1406 | *RING SET (std) | 3 |
| | 13-1407 | PISTON KIT (0.25 os, incl rings, pin & circlip) | 3 |
| | 13-1408 | *RING SET (0.25 os) | 3 |
| 13 | 11-9673 | *PIN - piston | 3 |
| 14 | 11-9674 | *CIRCLIP | 6 |
| 15 | 13-1613 | ROD - connecting | 3 |
| 16 | 13-413 | *BUSHING - wrist pin | 1 |
| 17 | 13-922 | *BEARING - connecting rod | 1 |
| | 13-923 | BEARING - connecting rod (0.25 us) | 1 |
| 18 | 33-3819 | SEAL - oil (coolant pump end) | 1 |
| 19 | 33-4123 | SEAL - oil (flywheel end) | 1 |


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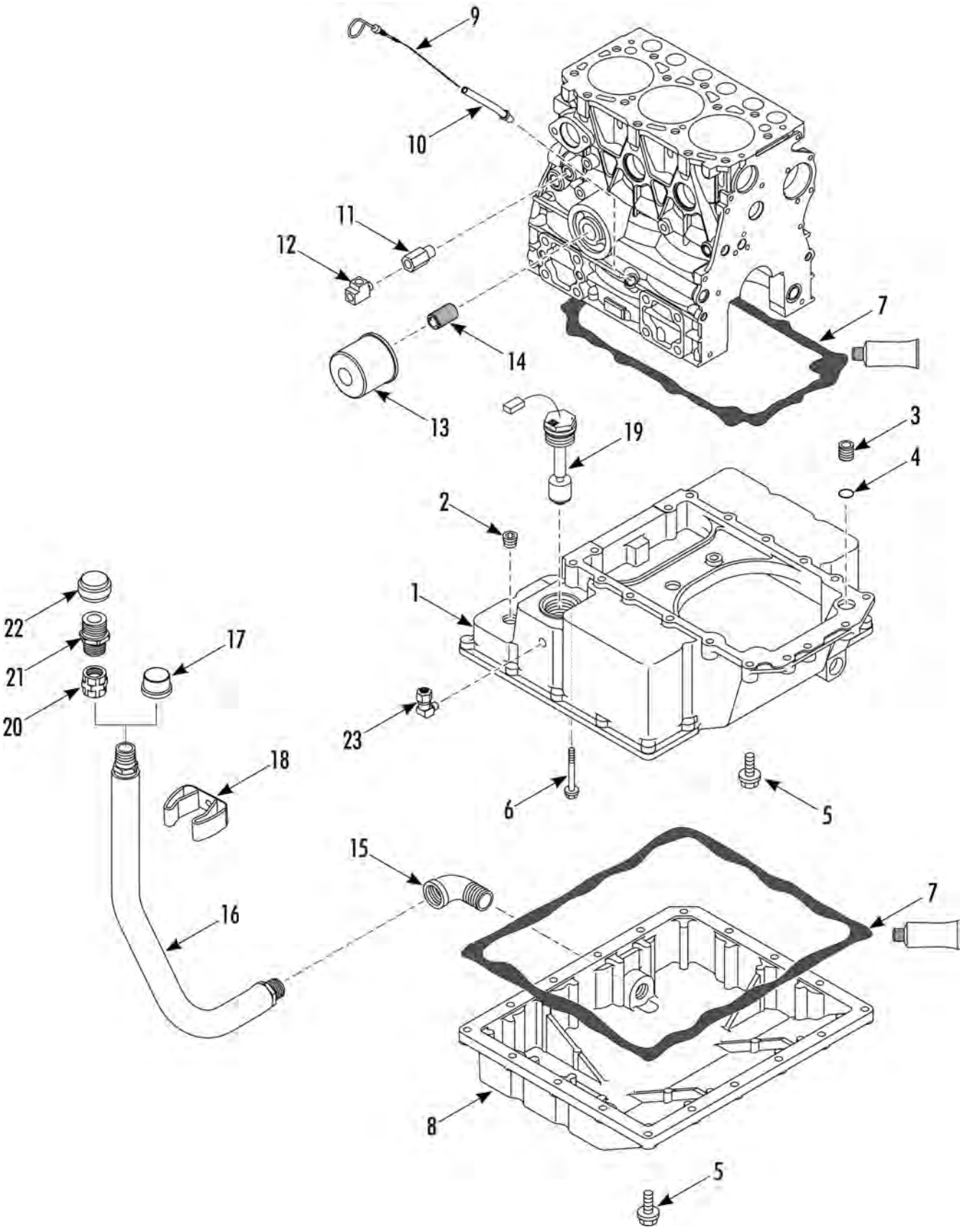
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 11-6590 | TAPPET | 6 |
| 2 | 13-1614 | ROD - push | 6 |
| 3 | 13-1364 | CAMSHAFT - gear & plate | 1 |
| 4 | 13-850 | GEAR ASSEMBLY - idle | 1 |
| 5 | 11-9666 | SHAFT - idle gear | 1 |
| 6 | 55-5770 | SCREW - idle shaft | 3 |
| 7 | 11-9668 | GEAR - injection pump | 1 |
| 8 | 55-9222 | SCREW - gear | 4 |
| 9 | 13-1409 | PUMP - fuel injection (3TNV80) | 1 |
| 10 | 13-422 | FLANGE - pump | 1 |

# GEAR HOUSING GROUP AND OIL PUMP (TK 370/370N, 3TNV80)

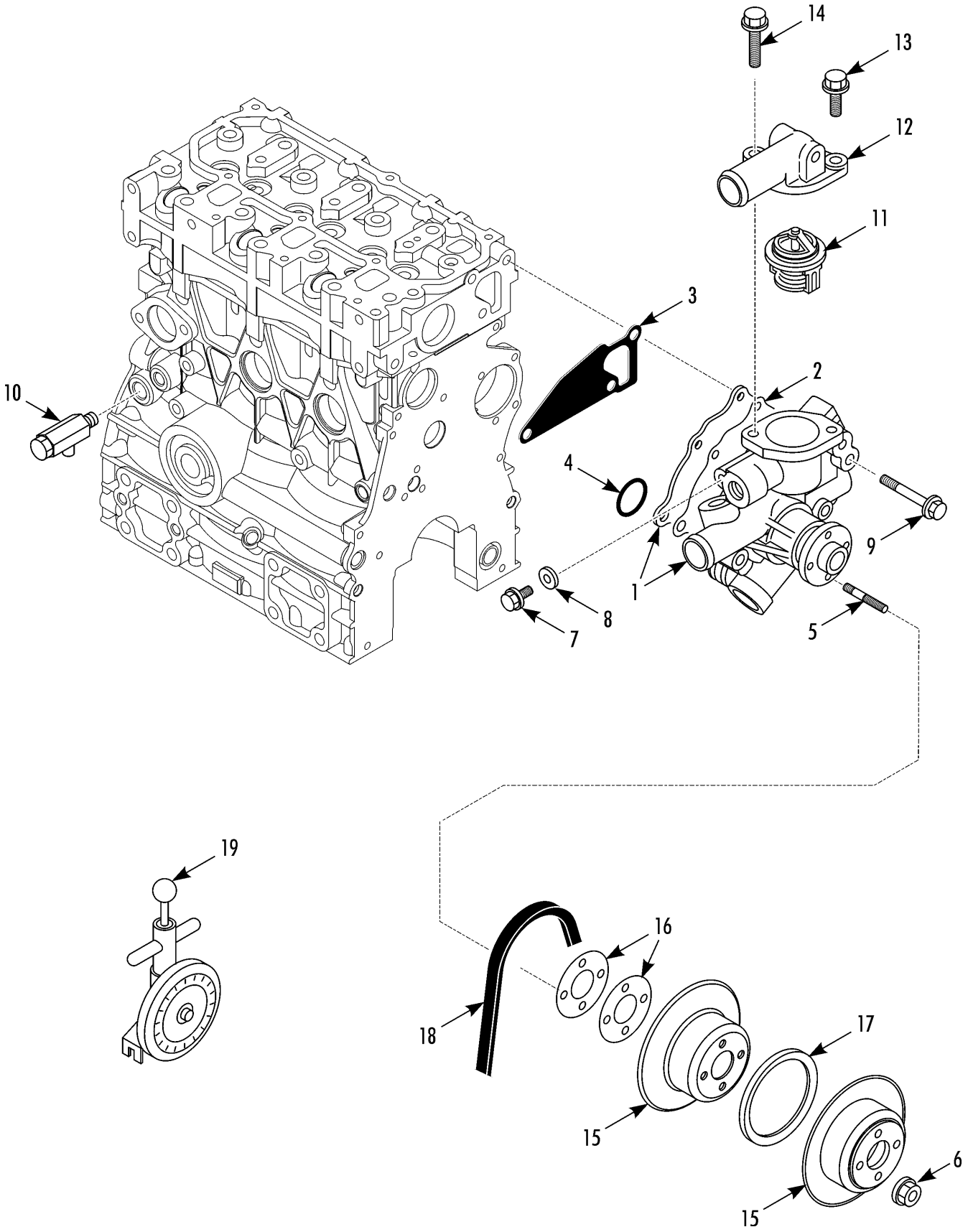




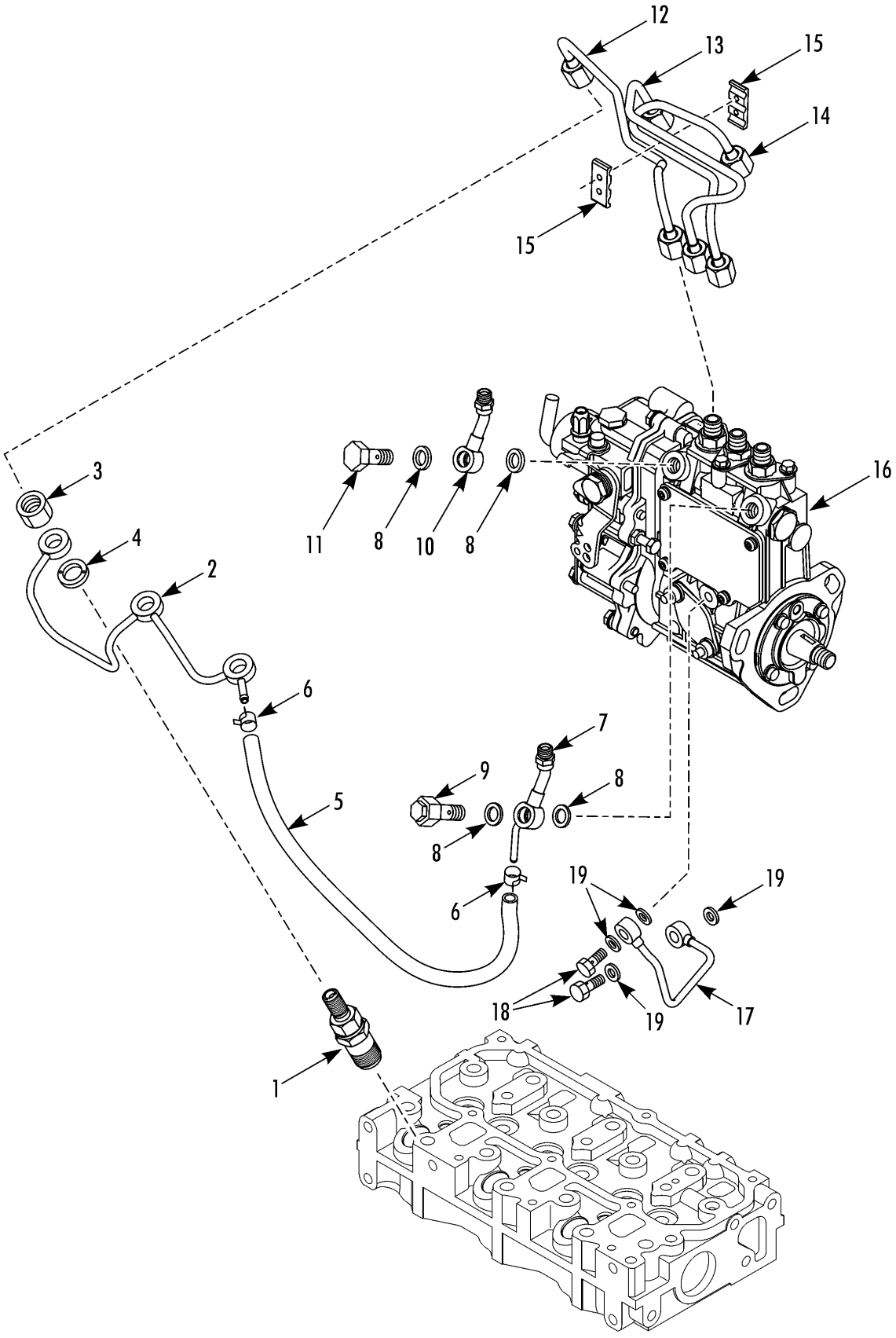
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 11-9638 | CASE - gear | 1 |
| 2 | 203-348 | GASKET - rtv | A/R |
| 3 | 33-1953 | O-RING - fuel injection pump | 1 |
| 4 | 33-3512 | O-RING (12.3) | 2 |
| 5 | 33-3820 | O-RING (17.0) | 3 |
| 6 | 55-5786 | SCREW - gear case (M6 x 16) | 4 |
| 7 | 55-5785 | PIN - alignment | 4 |
| 8 | 13-406 | COVER - gear case (assembly) | 1 |
| 9 | 11-9639 | *HOUSING - oil pump | 1 |
| 10 | 11-9703 | *ROTOR - inner (replace as a set w/ item 23) | 1 |
| 11 | 11-9704 | *ROTOR - outer (replace as a set w/ item 22) | 1 |
| 12 | 33-3819 | *SEAL - oil | 1 |
| 13 | 55-5788 | SCREW - cover & case (M6 x 40) | 4 |
| 14 | 55-5766 | SCREW - cover & case (M6 x 60) | 7 |
| 15 | 51-592 | SCREW - oil pump (M6 x 16) | 8 |
| 16 | 33-1954 | O-RING - oil filler (32) | 1 |
| 17 | 11-5091 | COVER - filler | 1 |
| | 30-275 | GASKET SET (TK 370/370N, see 185G2) | 1 |
| | 30-278 | GASKET SET (3TNV80, see 214A1) | 1 |


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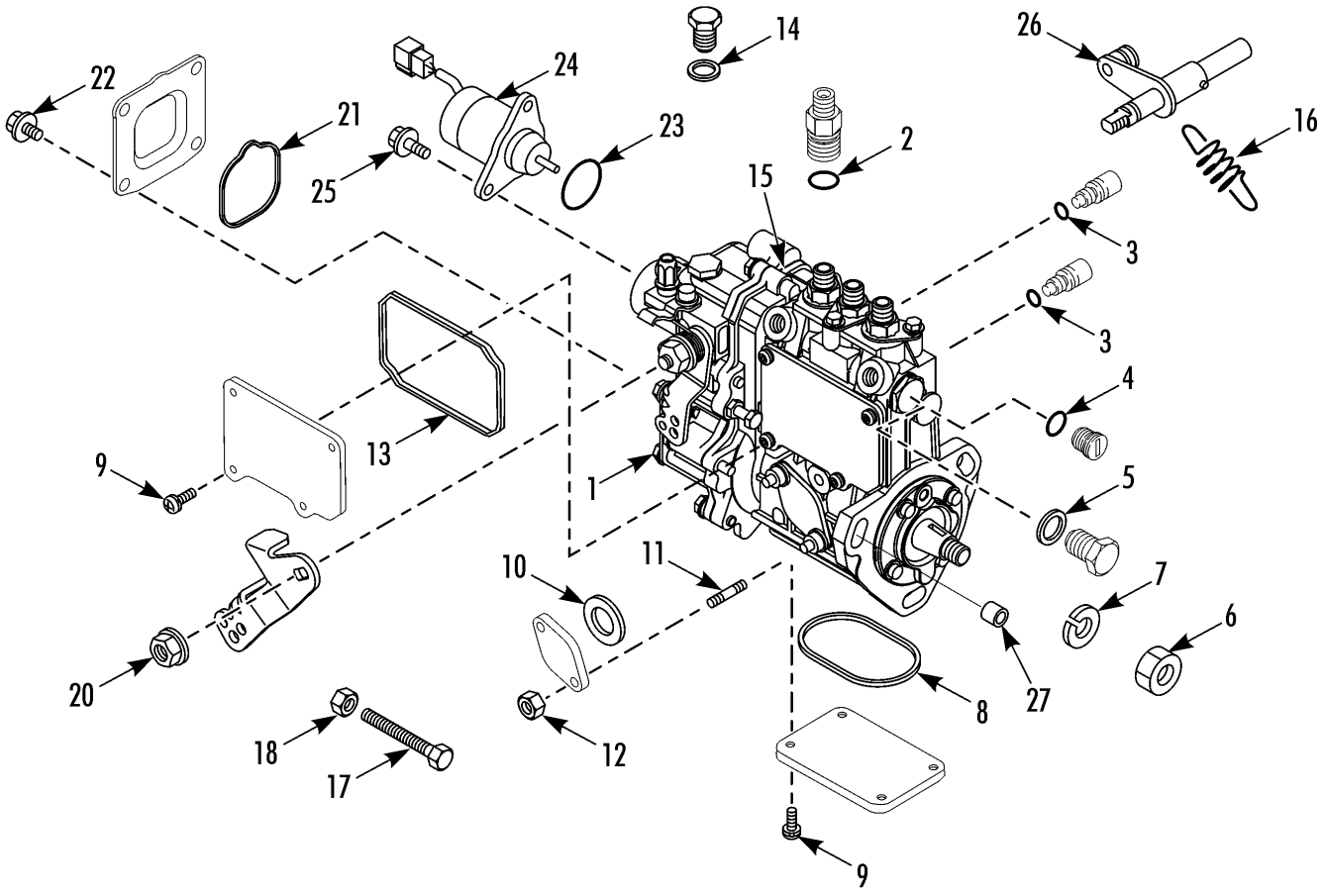
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 13-606 | SUMP - oil | 1 |
| 2 | 51-1190 | *PLUG (1/8) | 1 |
| 3 | 11-9642 | PIPE - knock | 1 |
| 4 | 33-3821 | O-RING (16) | 1 |
| 5 | 55-6246 | SCREW - sump (M8 x 25) | 30 |
| 6 | 51-596 | SCREW - sump (M8 x 60) | 3 |
| 7 | 203-348 | GASKET - rtv | 1 |
| 8 | 13-605 | COVER - oil sump | 1 |
| 9 | 13-1029 | DIPSTICK | 1 |
| 10 | 13-1031 | GUIDE - dipstick | 1 |
| 11 | 55-8391 | ADAPTER - oil return | 1 |
| 12 | 55-665 | TEE (see 233H0) | 1 |
| 13 | 11-6182 | FILTER - oil | 1 |
| 14 | 51-2366 | STUD - oil filter | 1 |
| 15 | 55-6557 | ELBOW - drain hose | 1 |
| 16 | 11-7067 | HOSE - oil drain (23 in) | 1 |
| 17 | 55-1042 | CAP - oil hose | 1 |
| 18 | 91-734 | CLIP - hose | 1 |
| 19 | 41-4470 | SWITCH - oil level | 1 |
| | 33-4160 | *O-RING - switch | 1 |
| 20 | 51-1925 | COUPLING | 1 |
| 21 | 13-1036 | VALVE - oil drain | 1 |
| 22 | 13-1037 | *CAP - oil drain | 1 |
| 23 | 55-4515 | ELBOW (see 233H0) | 1 |
| | 30-317 | GASKET SET (see 267C8) | 1 |


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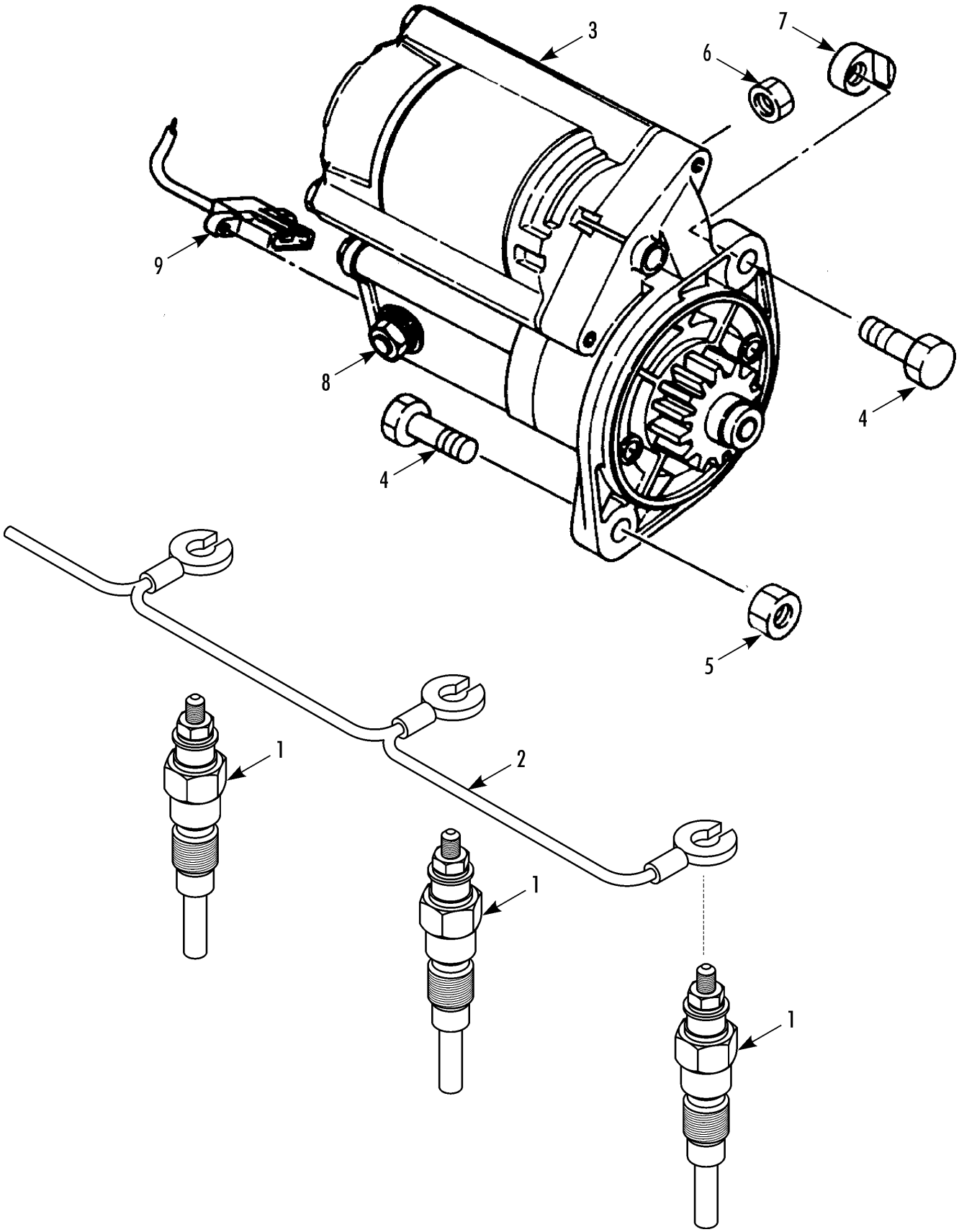
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 13-1087 | PUMP - water (w/gasket) | 1 |
| 2 | 33-4159 | *GASKET - water pump | 1 |
| | 51-623 | *SCREW - cover | 4 |
| 3 | 33-3828 | *GASKET - water pump | 1 |
| 4 | 33-3827 | *O-RING - pump | 1 |
| | 51-607 | *PLUG (npt 3/8) | 3 |
| 5 | 51-608 | *STUD - pulley | 4 |
| 6 | 55-5792 | NUT (M6) | 4 |
| 7 | 55-8854 | SCREW (M8 x 12) | 1 |
| 8 | 33-1524 | GASKET - round | 1 |
| 9 | 55-6193 | SCREW - pump | 3 |
| 10 | 11-8677 | COCK - coolant drain | 1 |
| 11 | 13-954 | THERMOSTAT (151F / 71C, gasket is incorporated w/thermostat) | 1 |
| 12 | 13-418 | COVER - thermostat | 1 |
| 13 | 51-1190 | *PLUG (1/8) | 1 |
| 14 | 55-6188 | SCREW - cover (M8 x 20) | 1 |
| | 55-6239 | SCREW - cover (M8 x 30) | 1 |
| 15 | 77-2757 | V-PULLEY | 1 |
| 16 | 77-2752 | SHIM - pulley (0.5 mm) | A/R |
| | 77-1427 | SHIM - pulley (1.0 mm) | A/R |
| 17 | 77-2758 | SPACER - pulley | 1 |
| 18 | 78-1736 | BELT - water pump | 1 |
| 19 | 204-427 | GAUGE - belt tension | 1 |
| | 30-278 | GASKET SET (TK 370/370N, see 214A1) | 1 |
| | 30-275 | GASKET SET (TK 376/376N, see 185G2) | 1 |
| | 30-317 | GASKET SET (3TNV80, see 267C8) | 1 |


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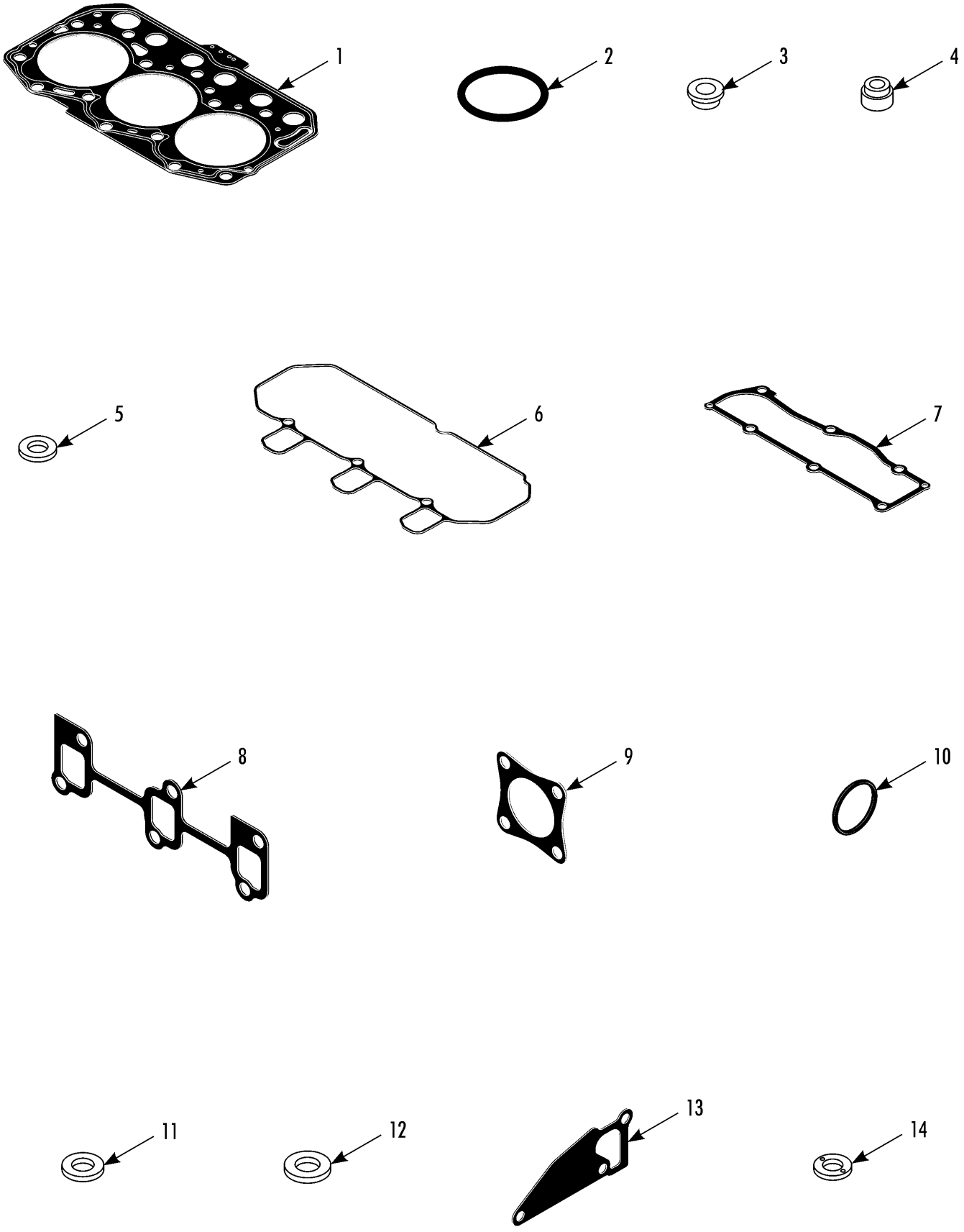
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 13-1391 | VALVE - injection | 3 |
| 2 | 11-9690 | TUBE - fuel return | 1 |
| 3 | 11-6115 | NUT | 3 |
| 4 | 33-3834 | GASKET - return | 3 |
| 5 | 13-1381 | HOSE - fuel return | 1 |
| 6 | 10-373 | *CLAMP | 2 |
| 7 | 13-602 | JOINT - banjo | 1 |
| 8 | 55-8620 | WASHER - seal | 4 |
| 9 | 13-436 | VALVE - check | 1 |
| 10 | 13-433 | JOINT - banjo | 1 |
| 11 | 11-6110 | SCREW - banjo | 1 |
| 12 | 13-1414 | PIPE - fuel injection | 1 |
| 13 | 13-1415 | PIPE - fuel injection | 1 |
| 14 | 13-1416 | PIPE - fuel injection | 1 |
| 15 | 11-6109 | CLAMP - injection pipe | 1 |
| | 55-8626 | *SCREW - clamp | 2 |
| 16 | 13-1409 | PUMP - fuel injection (3TNV80) | 1 |
| 17 | 13-1381 | PIPE - oil | 1 |
| 18 | 51-606 | SCREW - banjo | 2 |
| 19 | 55-4622 | WASHER | 4 |
| | 30-317 | GASKET SET (see 267C8) | 1 |


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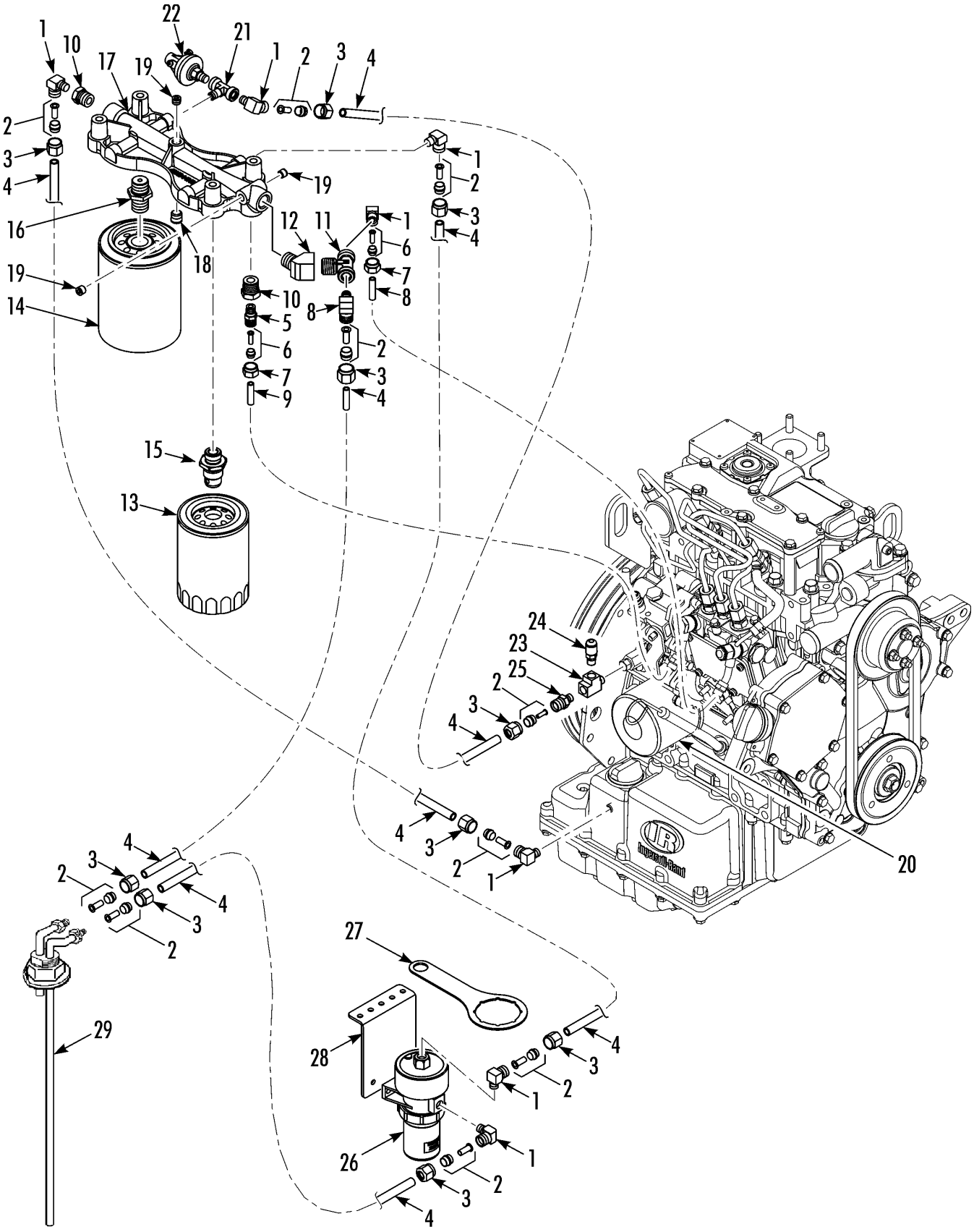
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 13-1409 | PUMP - fuel injection | 1 |
| 2 | 33-4212 | *O-RING - delivery | 3 |
| 3 | 33-1753 | *O-RING (S6) | 4 |
| 4 | 33-3690 | *WASHER - seal | 1 |
| 5 | 33-1970 | *O-RING | 1 |
| 6 | 55-6254 | *NUT - shaft | 1 |
| 7 | 55-8863 | *LOCKWASHER | 1 |
| 8 | 33-4440 | *GASKET - bottom cover | 1 |
| 9 | 51-1301 | *SCREW - cover | 8 |
| 10 | 33-3942 | *GASKET - cover | 1 |
| 11 | 55-6367 | *STUD - cover | 2 |
| 12 | 51-2368 | *NUT | 2 |
| 13 | 33-5072 | *GASKET - front cover | 1 |
| 14 | 33-3833 | *WASHER - seal | 1 |
| 15 | 33-3831 | *GASKET - case | 1 |
| 16 | 13-430 | *SPRING - governor | 1 |
| 17 | 51-612 | *SCREW - idle limit | 1 |
| 18 | 55-5846 | *LOCKNUT | 1 |
| 19 | 13-1032 | *LEVER - control | 1 |
| 20 | 51-1205 | *NUT - lever | 1 |
| 21 | 33-3832 | *GASKET - cover | 1 |
| 22 | 55-5822 | *SCREW - cover | 4 |
| 23 | 33-4295 | *O-RING | 1 |
| 24 | 42-100 | *SOLENOID - stop | 1 |
| 25 | 55-8448 | *SCREW - solenoid | 2 |
| 26 | 13-1388 | *SHAFT - control | 1 |
| 27 | 13-1387 | *COLLAR | 1 |


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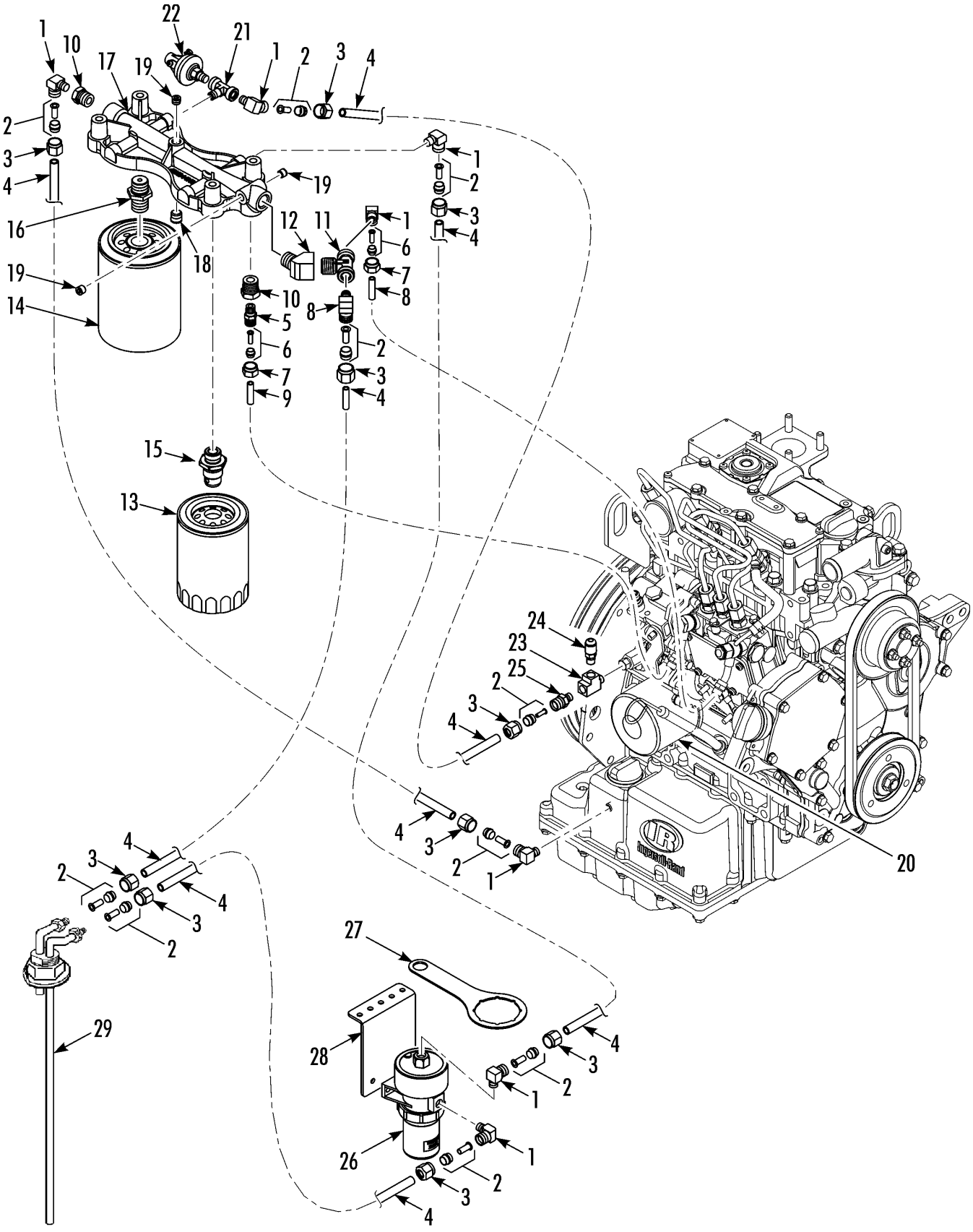
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 41-6582 | GLOW PLUG | 3 |
| 2 | 41-6702 | CONNECTOR - glow plug | 1 |
| 3 | 45-1718 | STARTER | 1 |
| | 45-2326 | STARTER (standard life plus) | 1 |
| 4 | 55-5852 | SCREW - starter (12 x 30) | 2 |
| 5 | 55-5853 | NUT (12 mm) | 1 |
| 6 | 55-4681 | NUT | 1 |
| 7 | 55-6203 | NUT - starter (with tab) | 1 |
| 8 | 55-4632 | NUT | 1 |
| 9 | 44-7736 | CONNECTOR - starter | 1 |


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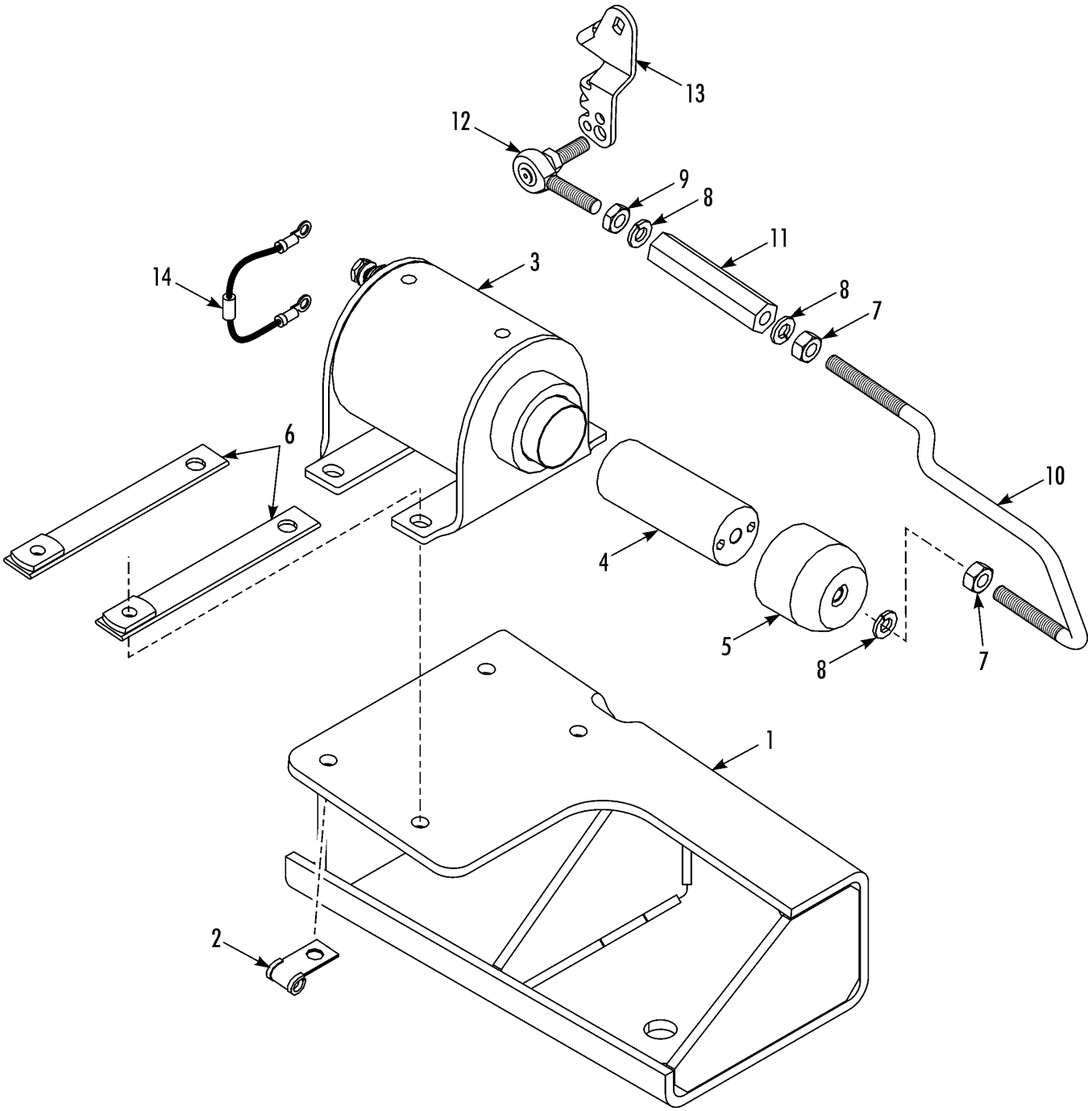
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| | 30-317 | GASKET SET | 1 |
| 1 | 33-5076 | *GASKET - cylinder head | 1 |
| 2 | 33-1953 | *O-RING (fuel injection pump) | 1 |
| 3 | 11-9646 | *PROTECTOR - nozzle | 3 |
| 4 | 11-9653 | *SEAL - valve stem (intake) | 3 |
| | 11-9654 | *SEAL - valve stem (exhaust) | 3 |
| 5 | 33-1733 | *GASKET - nozzle | 6 |
| 6 | 33-4210 | *GASKET - valve cover | 1 |
| 7 | 13-563 | *GAKSET - intake manifold | 1 |
| 8 | 33-3824 | *GASKET - exhaust manifold | 1 |
| 9 | 33-1907 | *GASKET - exhaust manifold | 1 |
| 10 | 33-1954 | *O-RING (P32) | 2 |
| | 33-3821 | *O-RING (P16) | 1 |
| | 33-3512 | *O-RING (P12) | 1 |
| | 33-3820 | *O-RING (P17) | 3 |
| | 33-3825 | *O-RING (P16) | 1 |
| | 33-4091 | *O-RING (P40) | 1 |
| 11 | 55-4622 | *WASHER - seal (8) | 4 |
| | 55-8620 | *WASHER - seal (12) | 4 |
| 12 | 33-3834 | *GASKET - return | 3 |
| 13 | 33-4211 | *GASKET - water pump | 1 |
| 14 | 33-1524 | *GASKET - water pump | 1 |


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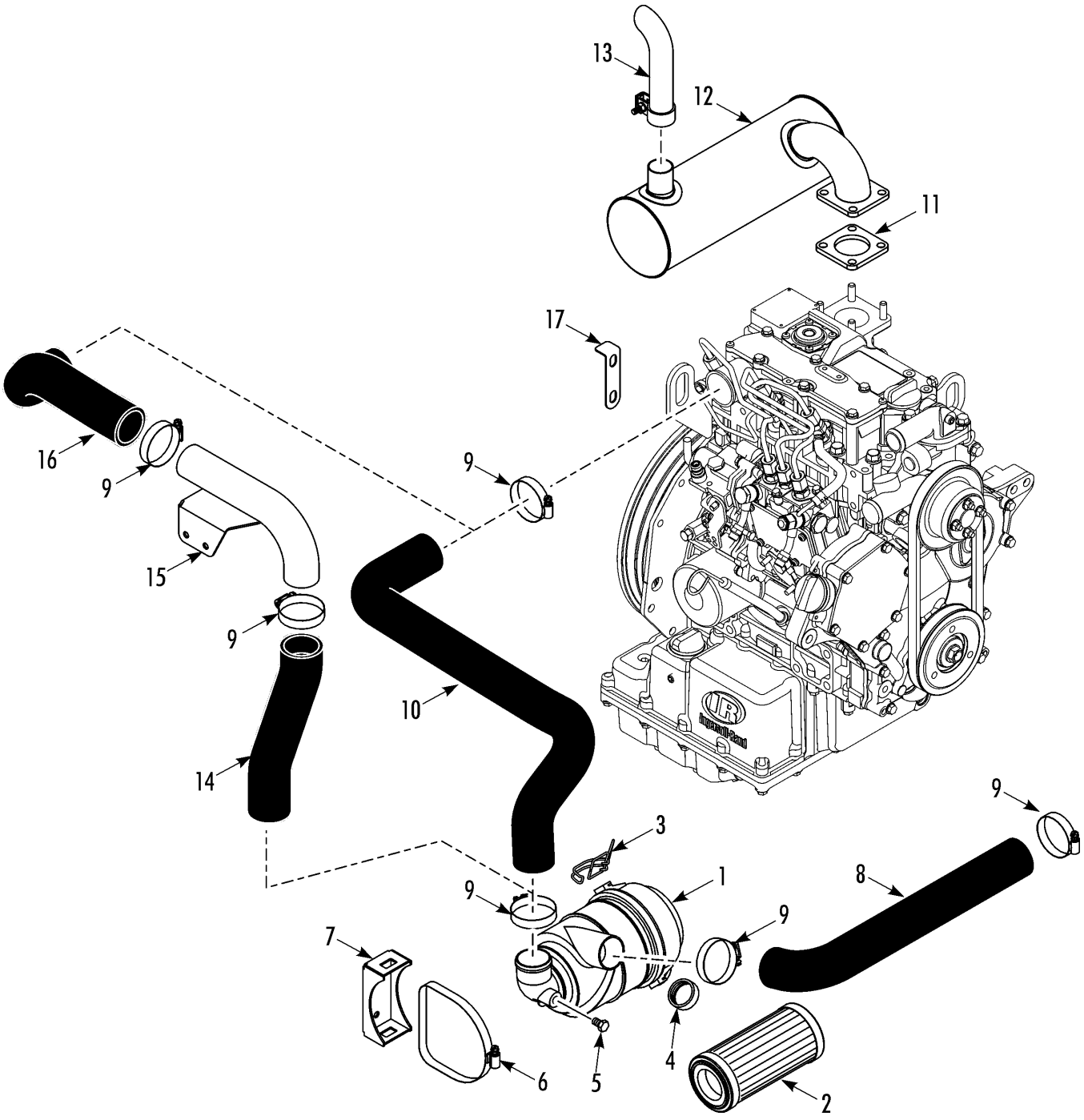
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 11-4380 | ELBOW - hose fitting (3/8) | 6 |
| 2 | 10-242 | KIT - sleeve & eyelet (3/8) | 10 |
| 3 | 11-4941 | NUT (3/8) | 10 |
| 4 | 11-4372 | HOSE (3/8 od x 35 ft lg) | A/R |
| 5 | 11-6837 | FITTING - hose fitting (1/4) | 1 |
| 6 | 10-243 | KIT - sleeve & eyelet (1/4) | 4 |
| 7 | 11-4841 | NUT (1/4) | 4 |
| 8 | 11-5320 | ELBOW - hose fitting (1/4) | 1 |
| 9 | 11-9030 | HOSE (1/4 od x 35 ft lg) | A/R |
| 10 | 55-2539 | BUSHING | 2 |
| 11 | 51-1479 | TEE (with restrictor) | 1 |
| 12 | 55-1519 | ELBOW (45 degree) | 1 |
| 13 | 11-9341 | FILTER - fuel (EMI 2000 hour) | 1 |
| 14 | 11-9321 | FILTER - oil bypass (EMI 2000 hour) | 1 |
| | 11-9962 | FILTER - oil bypass (EMI 1000 hour) | 1 |
| 15 | 55-3168 | ADAPTER - fuel filter | 1 |
| 16 | 55-3164 | ADAPTER - bypass oil filter | 1 |
| | 203-393 | SEALER - thread | A/R |
| 17 | 11-5941 | BRACKET - fuel filter | 1 |
| | 55-7343 | SCREW - bracket | 4 |
| | 55-7069 | FLATWASHER | 8 |
| | 55-7006 | NUT | 4 |
| 18 | 55-1004 | PLUG - pipe | 1 |
| 19 | 55-433 | PLUG - pipe | 3 |
| | 203-393 | SEALER - thread | A/R |
| 20 | 11-6182 | FILTER - oil (full flow) | 1 |
| 21 | 51-1480 | TEE (with restrictor) | 1 |
| 22 | 41-7064 | SWITCH - oil pressure | 1 |
| 23 | 55-665 | TEE | 1 |
| 24 | 11-2886 | VALVE - Schrader | 1 |
| 25 | 55-4515 | ADAPTER - 3/8 | 1 |
| 26 | 41-7059 | PUMP - fuel (12V) | 1 |
| | 10-376 | *KIT - filter (diesel) | 1 |


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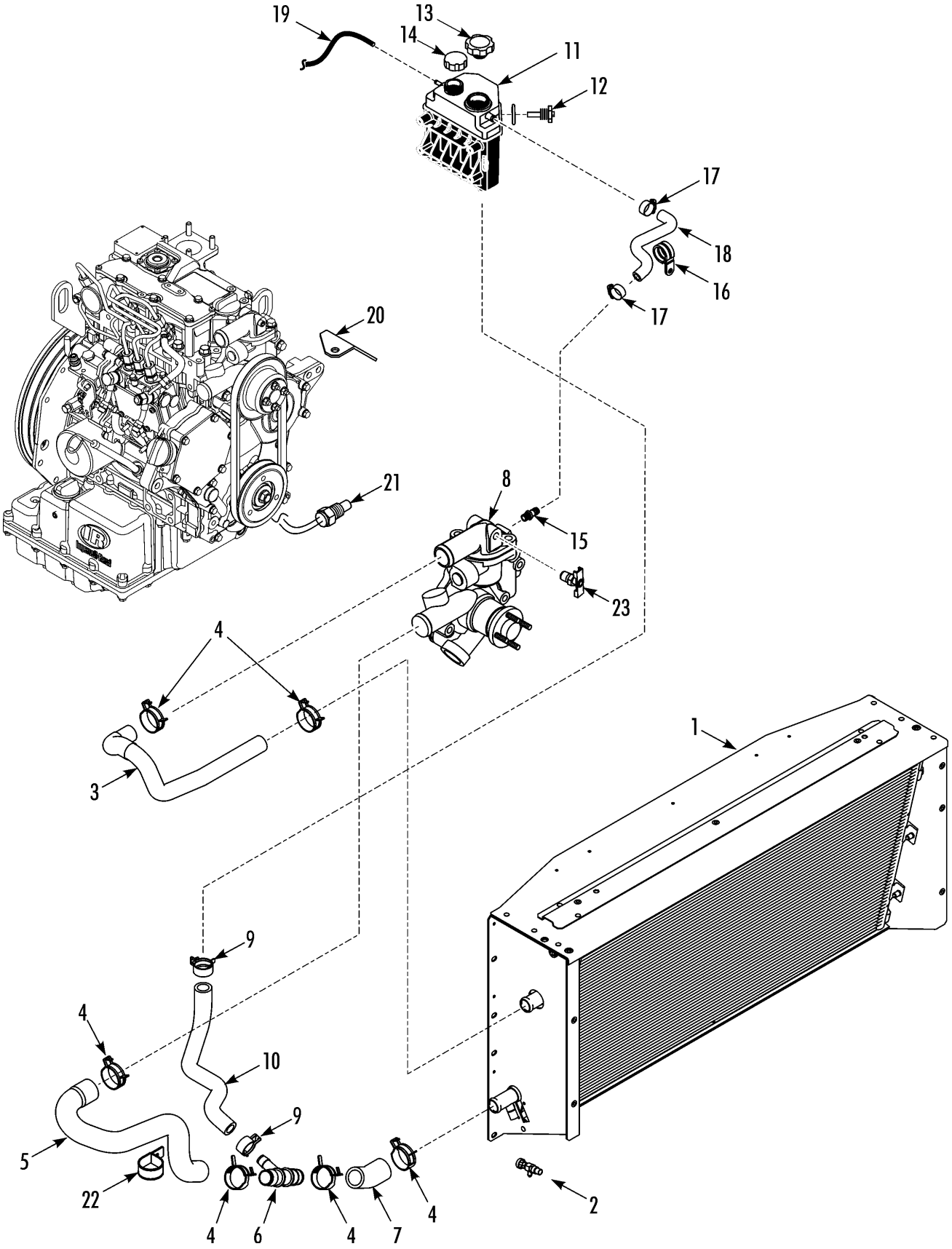
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| | 10-378 | *KIT - bowl & gasket | 1 |
| | 33-4256 | *GASKET - bowl to body | 1 |
| 27 | 204-1166 | WRENCH - fuel bowl | 1 |
| 28 | 92-5656 | BRACKET - fuel pump | 1 |
| | 55-1587 | SCREW - bracket | 2 |
| | 55-2086 | FLATWASHER | 2 |
| | 55-4953 | NUT | 2 |
| 29 | 11-9279 | TUBE - fuel pickup | 1 |
| | 33-4402 | *GASKET - fuel pickup (rubber) | 1 |


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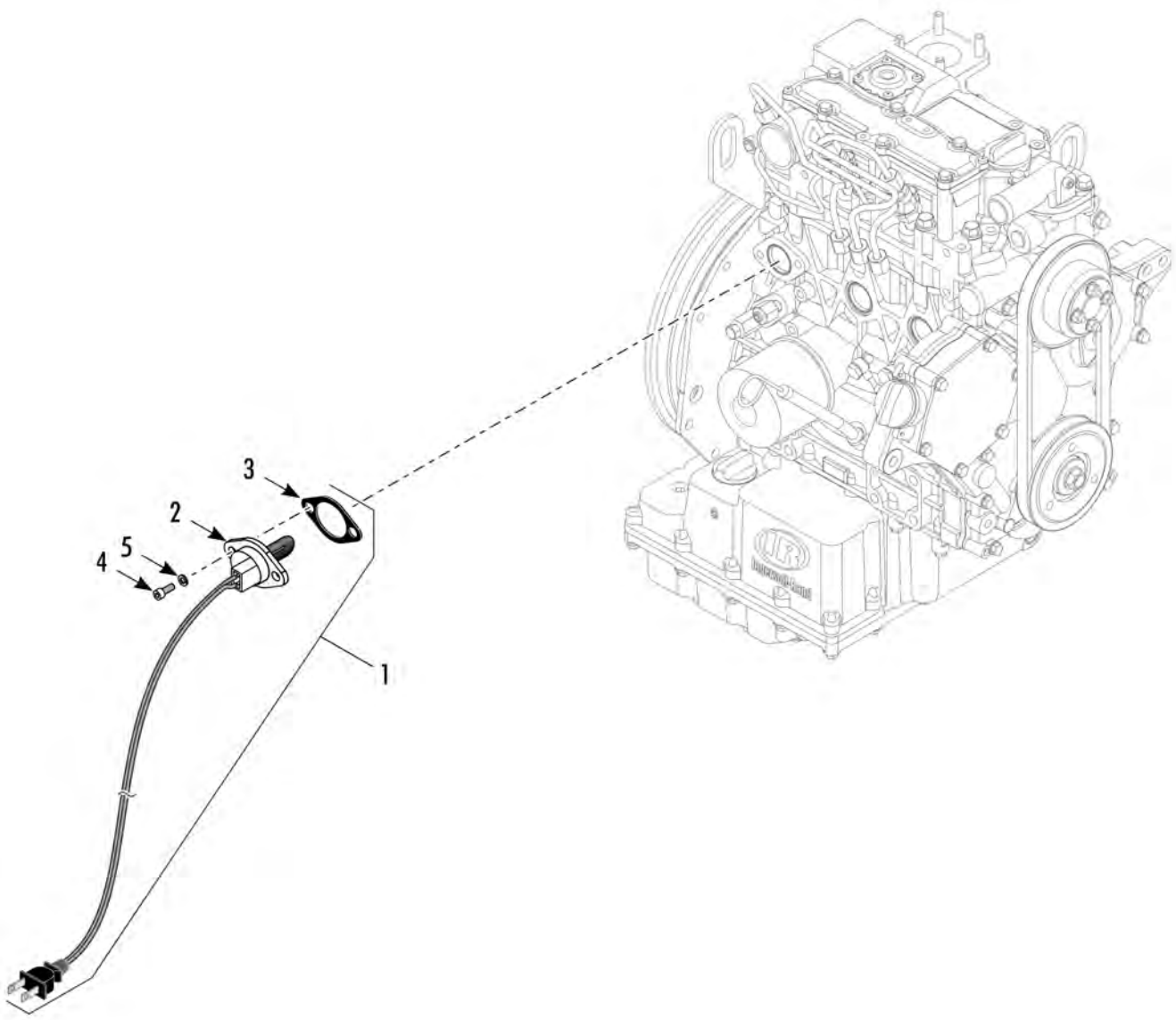
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 92-7530 | BRACKET - engine (T-570/600/800) | 1 |
| | 92-7659 | BRACKET - engine (T-1000/1200) | 1 |
| 2 | 55-3065 | CLAMP - harness | 1 |
| 3 | 41-9081 | SOLENOID - throttle | 1 |
| 4 | 44-8198 | *PLUNGER - solenoid | 1 |
| 5 | 91-3095 | *BOOT - solenoid | 1 |
| | 55-5955 | SCREW - solenoid | 4 |
| | 55-4638 | FLATWASHER | 4 |
| | 55-7478 | LOCKWASHER | 4 |
| 6 | 92-7662 | NUTSTRIP - solenoid | 2 |
| 7 | 55-315 | NUT - ball joint | 2 |
| 8 | 55-366 | LOCKWASHER | 3 |
| 9 | 55-9567 | NUT - ball joint (left hand thread) | 1 |
| 10 | 13-996 | ROD - fuel solenoid | 1 |
| 11 | 11-9281 | ADJUSTER | 1 |
| 12 | 11-9282 | JOINT - ball | 1 |
| | 55-4560 | NUT - joint | 1 |
| 13 | 13-1032 | LINK - throttle (T-570/600/800, see 236H7) | 1 |
| | 13-592 | LINK - throttle (T-1000/1200, see 238B5) | 1 |
| 14 | 44-2756 | DIODE | 1 |


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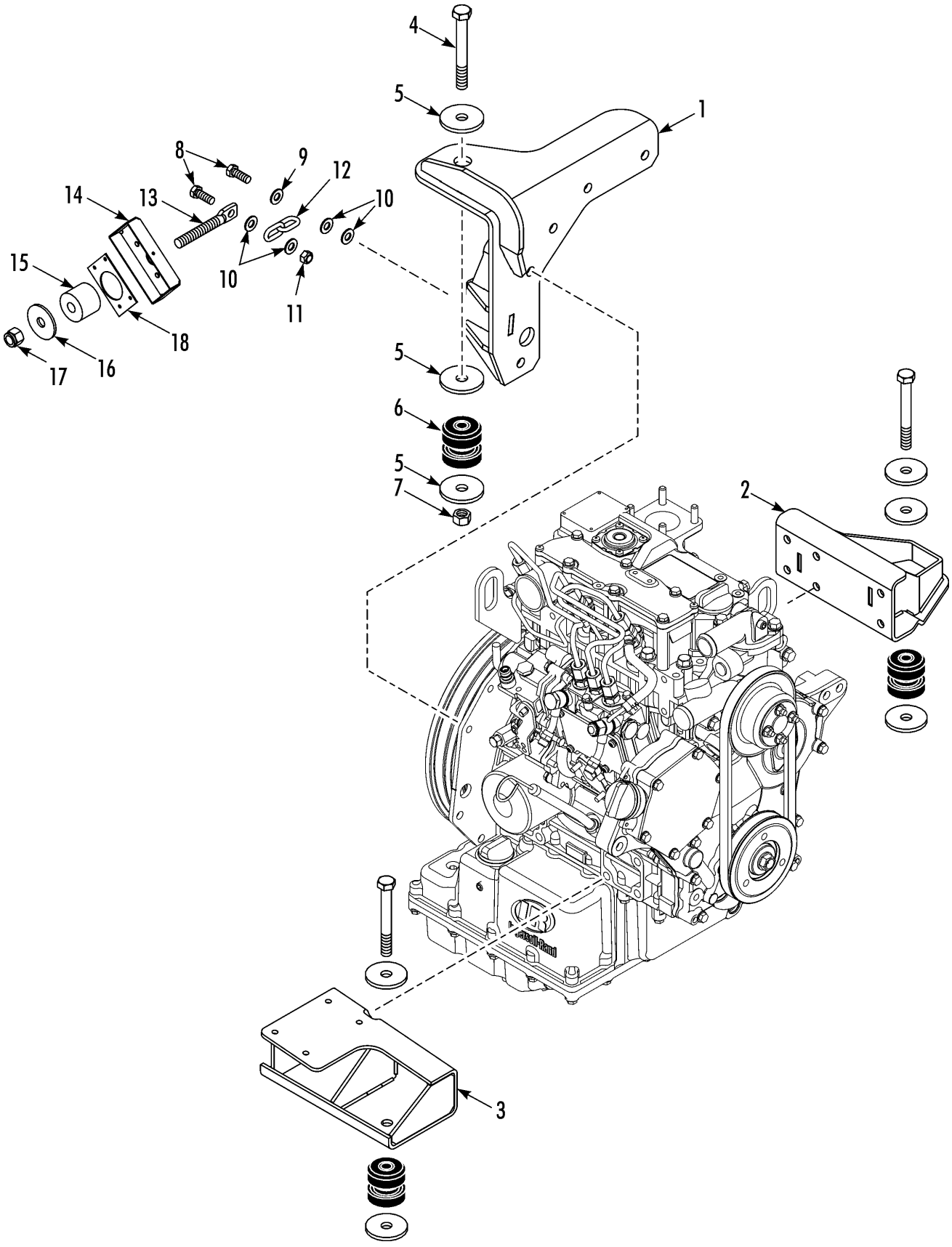
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 11-9068 | FILTER - air cleaner (dry) | 1 |
| 2 | 11-9059 | *ELEMENT - air cleaner | 1 |
| 3 | 11-9091 | *CLIP - base | 2 |
| 4 | 11-9092 | *EJECTOR - dust | 1 |
| 5 | 55-3364 | *PLUG | 1 |
| 6 | 55-5921 | CLAMP - air cleaner | 1 |
| 7 | 92-7534 | BRACKET - air cleaner | 1 |
| | 55-5022 | SCREW - bracket | 2 |
| | 55-7727 | LOCKWASHER | 8 |
| | 55-7069 | FLATWASHER | 8 |
| 8 | 13-998 | HOSE - air intake (T-580/680/880) | 1 |
| | 13-1010 | HOSE - air intake (T-1080) | 1 |
| 9 | 55-4979 | CLAMP - hose | A/R |
| 10 | 13-997 | HOSE - air cleaner (filter to engine, T-580/680/880) | 1 |
| 11 | 33-1907 | GASKET - muffler | 1 |
| 12 | 12-989 | MUFFLER | 1 |
| | 12-997 | MUFFLER (SS) | 1 |
| | 55-6184 | STUD - muffler to manifold | 4 |
| | 55-6183 | LOCKWASHER | 4 |
| | 55-6186 | NUT | 4 |
| 13 | 11-6173 | TUBE - exhaust | 1 |
| 14 | 13-1034 | HOSE - air cleaner (filter to engine, T-1080) | 1 |
| 15 | 13-1035 | TUBE - air intake (T-1080) | 1 |
| | 55-6215 | SCREW - tube | 2 |
| | 55-7727 | LOCKWASHER | 2 |
| | 55-7069 | FLATWASHER | 2 |
| 16 | 13-1033 | HOSE - air cleaner (tube to engine, T-1080) | 1 |
| 17 | 92-7645 | SPACER - muffler (T-1080) | 1 |
| | 55-6993 | SCREW - spacer | 2 |
| | 55-7342 | LOCKWASHER | 2 |
| | 55-7085 | FLATWASHER | 2 |


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| REF | PART NO. | DESCRIPTION | QTY |
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| 1 | 67-2726 | COIL - condenser/radiator | 1 |
| | 55-6993 | SCREW - coil | 8 |
| | 55-7342 | LOCKWASHER | 8 |
| | 55-7085 | FLATWASHER | 8 |
| 2 | 55-7134 | COCK - drain | 1 |
| 3 | 13-1418 | HOSE - engine to radiator (upper) | 1 |
| 4 | 51-1739 | CLAMP - hose | 6 |
| 5 | 13-1244 | HOSE - tee to radiator (lower) | 1 |
| 6 | 13-1145 | TEE | 1 |
| 7 | 13-1241 | HOSE - coil to tee | 1 |
| 8 | 13-948 | PUMP - water (see 185F9) | 1 |
| 9 | 13-1148 | CLAMP - hose | 2 |
| 10 | 13-1054 | HOSE - bleed (5/8 id) | 1 |
| 11 | 13-1057 | TANK - coolant | 1 |
| | 55-5955 | SCREW - tank | 4 |
| | 55-7478 | LOCKWASHER | 4 |
| | 55-4638 | FLATWASHER | 4 |
| 12 | 42-427 | SWITCH - coolant level | 1 |
| | 33-3007 | O-RING - switch | 1 |
| 13 | 13-990 | CAP - tank (15 psi) | 1 |
| 14 | 13-957 | CAP - overflow | 4 |
| 15 | 55-4167 | FITTING - straight | 1 |
| | 203-385 | SEALER - thread | A/R |
| 16 | 55-4552 | CLAMP - hose | 1 |
| | 55-4606 | SCREW - clamp | 1 |
| | 55-7478 | LOCKWASHER | 1 |
| 17 | 51-1989 | CLAMP - hose | 2 |
| 18 | 13-1243 | HOSE - bleed | 1 |
| 19 | 98-8282 | HOSE - overflow (cut to 100 in) | A/R |
| 20 | 92-7531 | BRACKET - sensor | 1 |
| 21 | 41-6538 | SENSOR - engine coolant | 1 |
| 22 | 503-349 | CLAMP - hose | 1 |
| 23 | 55-6789 | COCK - drain | 1 |


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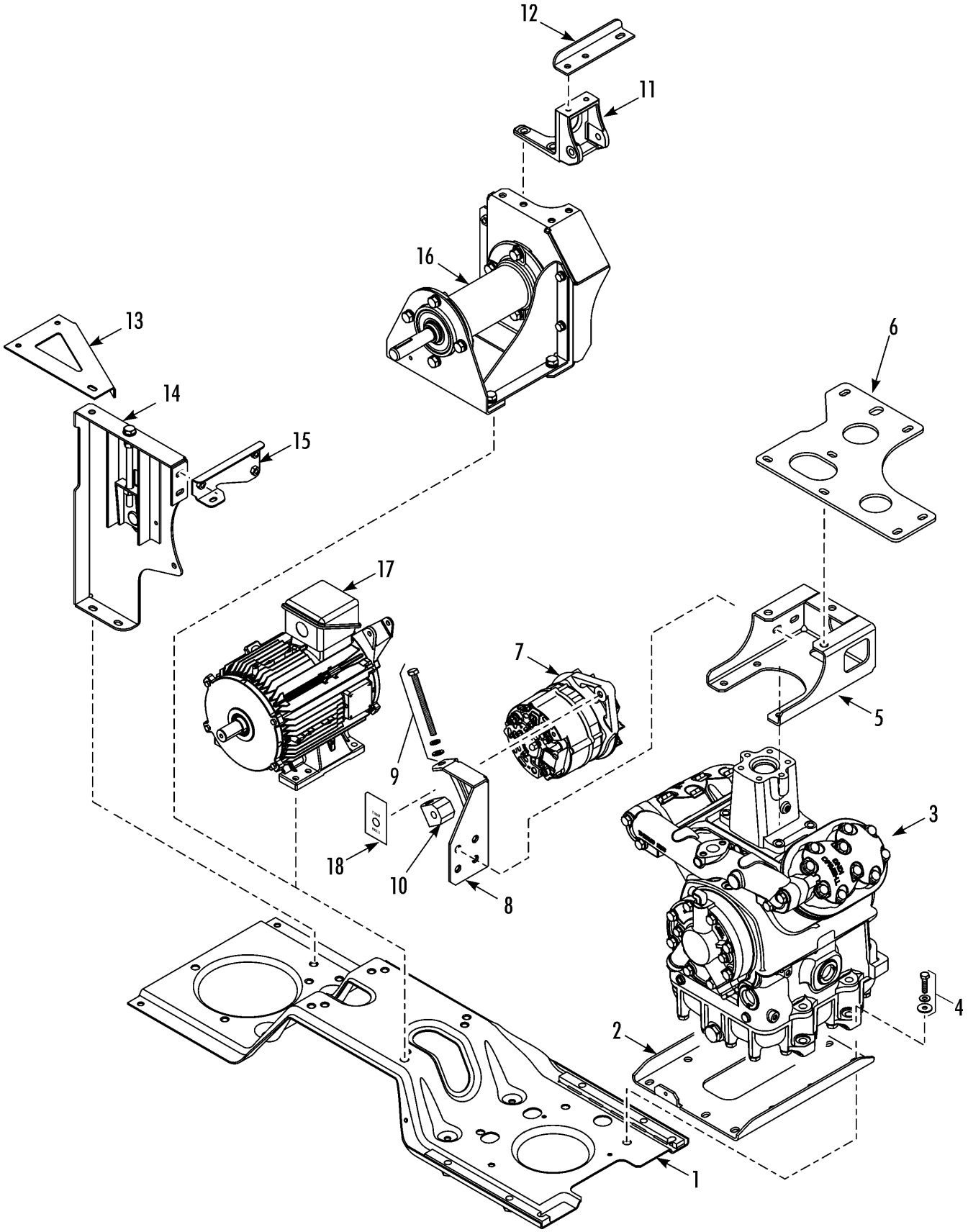
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 40-530 | KIT - engine block heater (120VAC) | 1 |
| 2 | 41-463 | *HEATER - engine block | 1 |
| 3 | 33-2509 | *GASKET - heater | 1 |
| 4 | 55-7726 | *SCREW - heater | 2 |
| 5 | 55-7727 | *LOCKWASHER | 2 |


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| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 92-8833 | BRACKET - engine (upper rear) | 1 |
| 2 | 92-7644 | BRACKET - engine (compressor side) | 1 |
| 3 | 92-7659 | BRACKET - engine (door side) | 1 |
| | 55-5957 | SCREW - plate & bracket (socket head) | 14 |
| | 55-7122 | WASHER - belleville | 14 |
| | 203-400 | SEALER - thread | A/R |
| 4 | 55-9457 | SCREW - mount | 3 |
| 5 | 55-5871 | WASHER - special | 8 |
| 6 | 93-577 | MOUNT - vibration | 6 |
| 7 | 55-3686 | NUT | 3 |
| 8 | 55-3048 | SCREW - chain | 3 |
| 9 | 55-7122 | WASHER - belleville | 1 |
| 10 | 55-2641 | FLATWASHER | 4 |
| 11 | 55-8658 | NUT | 2 |
| 12 | 91-9453 | CHAIN - 2 links | 1 |
| 13 | 99-541 | BOLT - eye | 1 |
| 14 | 92-8831 | BRACKET - snubber | 1 |
| 15 | 92-7533 | SPACER - spring | 1 |
| 16 | 55-3594 | WASHER - special | 1 |
| 17 | 55-2640 | NUT | 1 |
| 18 | 92-8832 | PLATE - snubber | 1 |
| | 55-9495 | RIVET - plate | 4 |

# COMPRESSOR & MOTOR/JACKSHAFT MOUNTING (T-1080R)

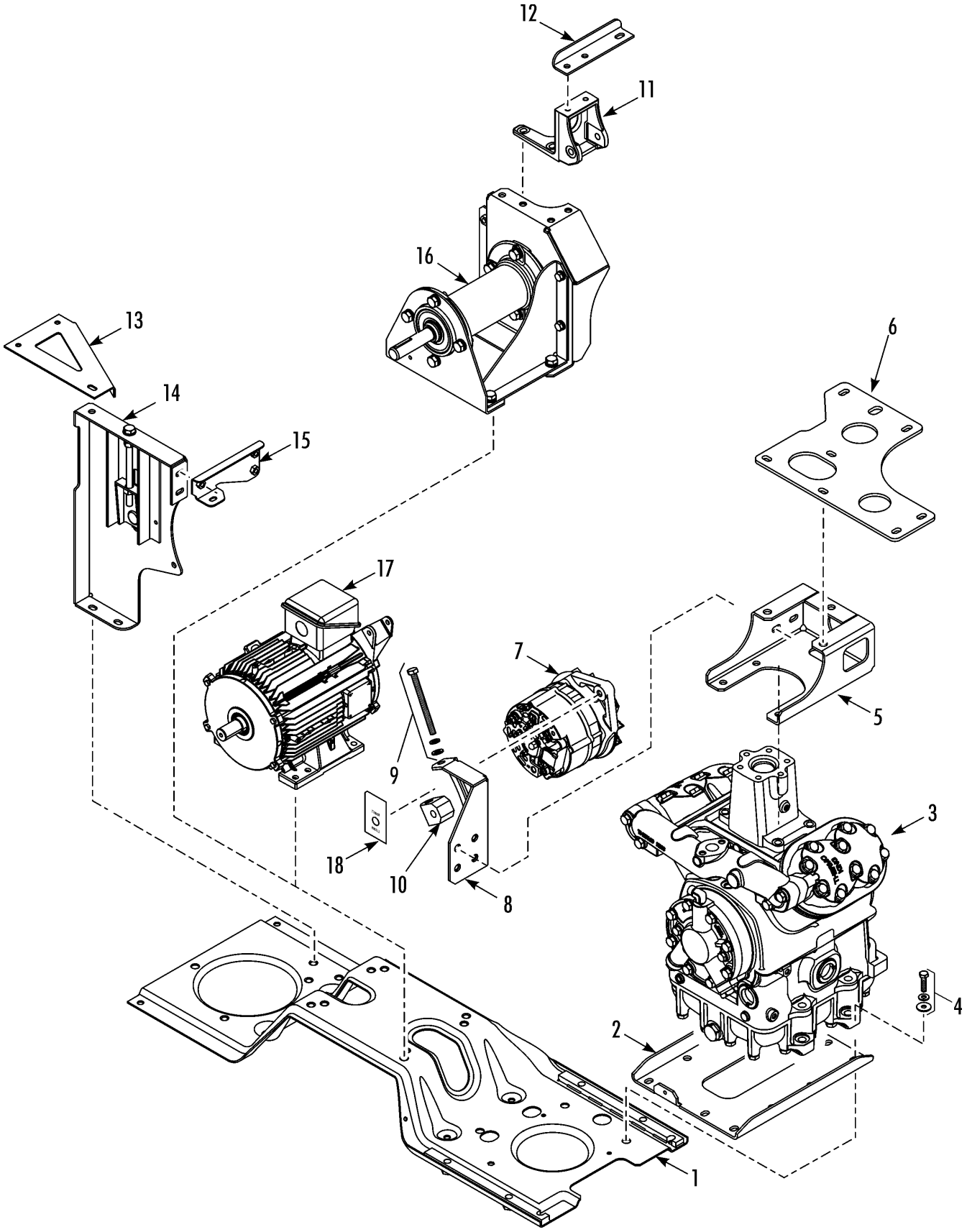




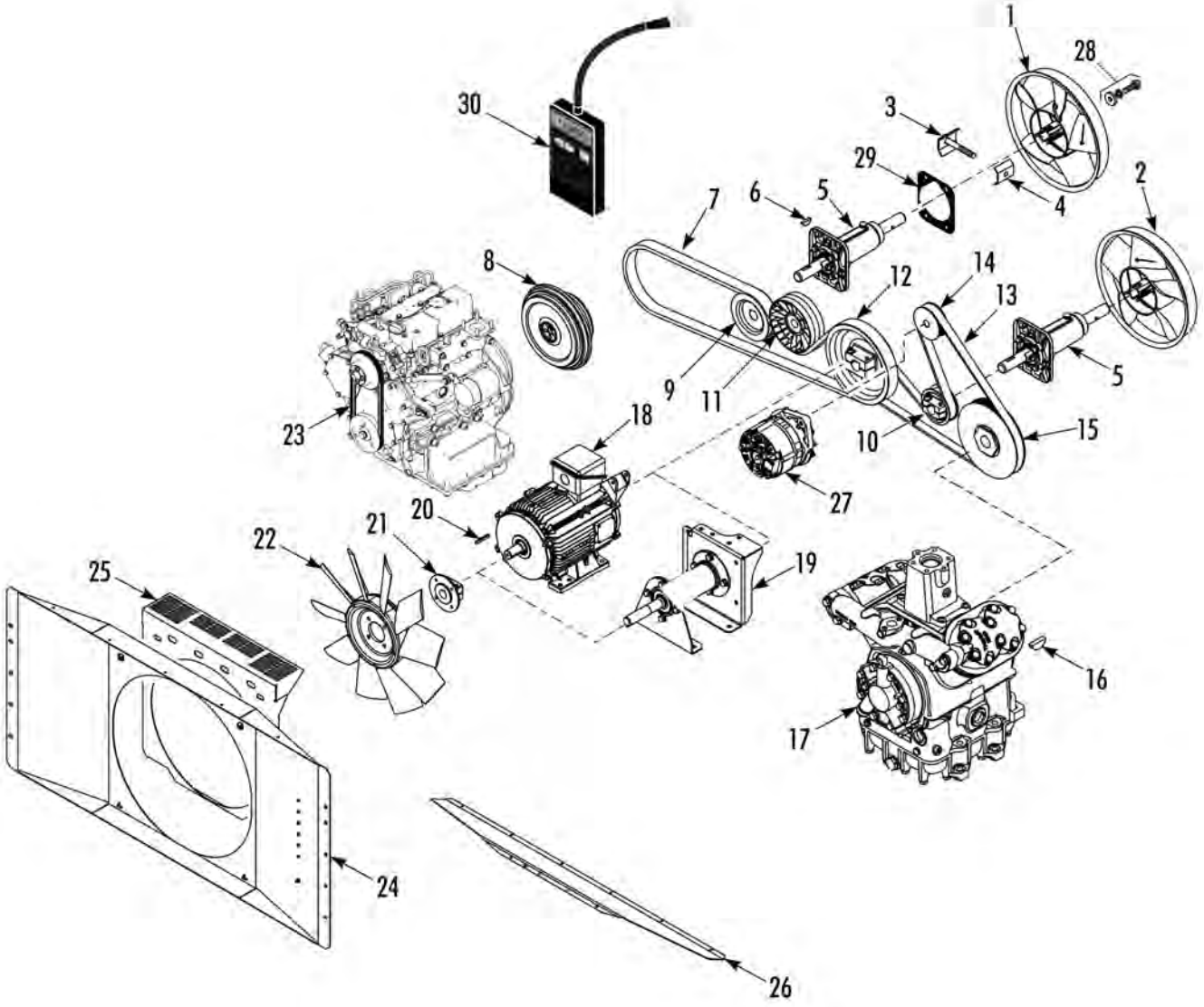
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 98-8502 | TRAY - power | 1 |
| | 55-7839 | SCREW - tray | 8 |
| | 55-7072 | FLATWASHER | 8 |
| | 55-1173 | LOCKWASHER | 8 |
| 2 | 92-8379 | BRACKET - compressor | 1 |
| | 55-4680 | SCREW - bracket | 6 |
| | 55-7478 | LOCKWASHER | 6 |
| | 55-4638 | FLATWASHER | 6 |
| 3 | 102-911 | COMPRESSOR - X426 LS C5 (T-1080R/1080M, see 226C5) | 1 |
| 4 | 55-7358 | SCREW - compressor | 4 |
| | 55-2200 | LOCKWASHER | 4 |
| | 51-2196 | WASHER - special | 4 |
| 5 | 92-8380 | BRACKET - compressor/alternator | 1 |
| | 55-9106 | SCREW - bracket | 4 |
| | 55-896 | FLATWASHER | 4 |
| 6 | 92-8381 | BRACKET - compressor/frame | 1 |
| | 55-7341 | SCREW - bracket (M8 x 20) | 5 |
| | 55-6993 | SCREW - bracket (M8 x 25) | 2 |
| | 55-7069 | FLATWASHER | 7 |
| | 55-7727 | LOCKWASHER | 7 |
| | 55-5871 | WASHER - special | 2 |
| 7 | 45-2498 | ALTERNATOR (37 amp) | 1 |
| | 45-2255 | ALTERNATOR (37 amp) | 1 |
| | 45-2502 | ALTERNATOR (120 amp) | 1 |
| | 51-2376 | SCREW - alternator pivot | 1 |
| | 55-7342 | LOCKWASHER | 1 |
| 8 | 93-668 | BRACKET - alternator | 1 |
| | 55-9106 | SCREW - bracket | 4 |
| | 55-7727 | LOCKWASHER | 4 |
| | 55-896 | FLATWASHER | 8 |
| 9 | 51-1620 | SCREW - alternator adjust (M10 x 130, full thread) | 1 |
| | 55-7072 | FLATWASHER | 1 |
| 10 | 77-3052 | BLOCK - adjust | 1 |

# COMPRESSOR & MOTOR/JACKSHAFT MOUNTING (T-1080R)

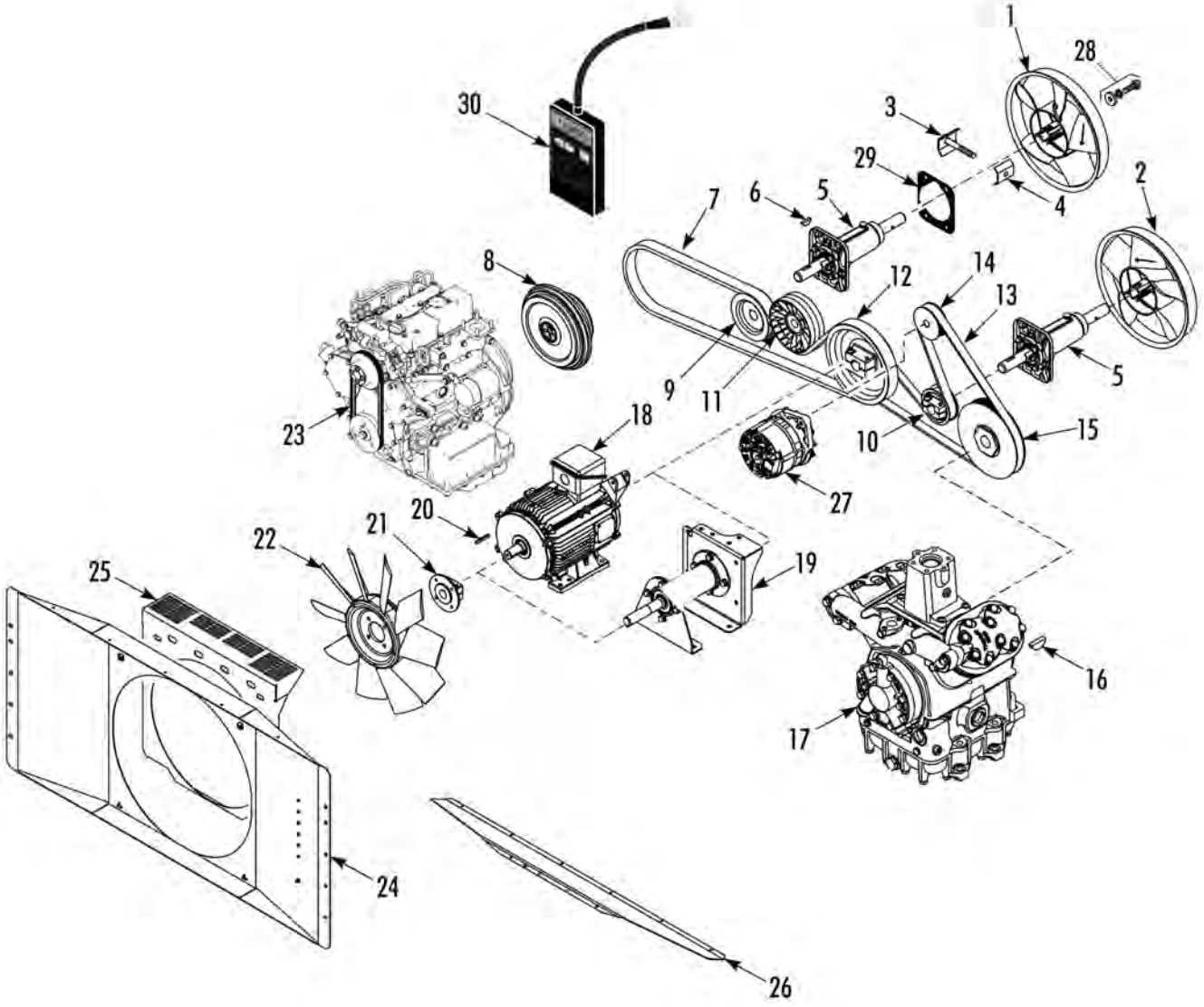




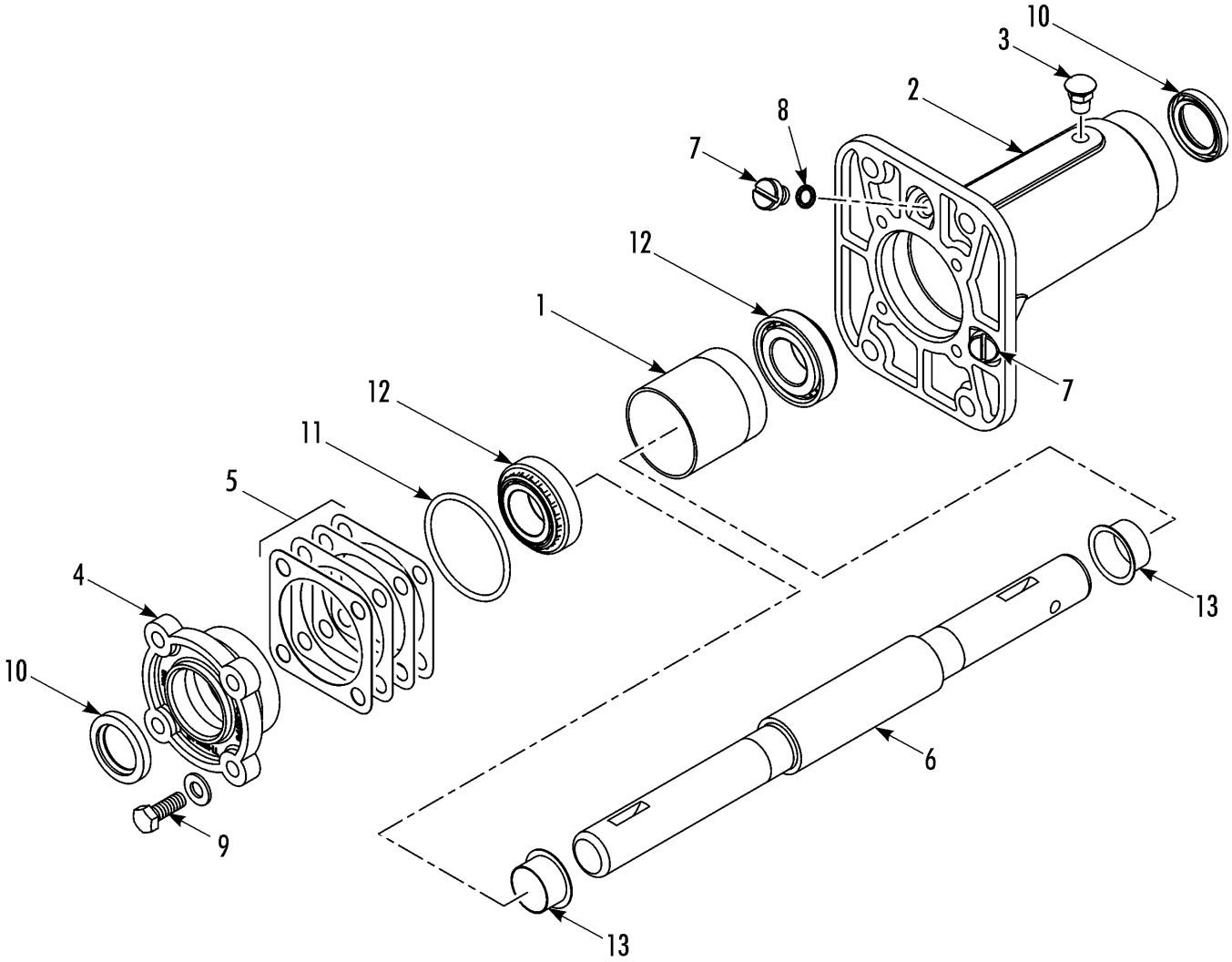
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 11 | 92-8384 | BRACKET - alternator (pivot, casting) | 1 |
| 12 | 92-8385 | BRACKET - alternator to frame | 1 |
| | 55-5579 | SCREW - bracket | 2 |
| | 55-7072 | FLATWASHER | 2 |
| | 55-1173 | LOCKWASHER | 2 |
| 13 | 92-9228 | BRACKET - arch support | 1 |
| | 55-5022 | SCREW - bracket | 3 |
| | 55-7069 | FLATWASHER | 3 |
| | 55-7727 | LOCKWASHER | 3 |
| 14 | 92-9513 | BRACKET - tension | 1 |
| | 55-5579 | SCREW - bracket to tray | 3 |
| | 55-5424 | SCREW - bracket to jackshaft | 2 |
| | 55-1173 | LOCKWASHER | 5 |
| | 55-7072 | FLATWASHER | 5 |
| | 55-7144 | WASHER - special | 3 |
| 15 | 92-7760 | BRACKET - tension | 1 |
| | 55-5022 | SCREW - bracket (M8 X 20) | 3 |
| | 55-6764 | SCREW - bracket (M8 X 70) | 2 |
| | 55-7072 | FLATWASHER (M8) | 5 |
| | 55-7727 | LOCKWASHER (M8) | 3 |
| 16 | 78-1697 | JACKSHAFT (see 236B6) | 1 |
| | 55-7072 | SCREW - jackshaft to bracket (M10 X 20) | 4 |
| | 55-5579 | SCREW - jackshaft to bracket (M10 X 25) | 4 |
| | 55-7072 | FLATWASHER (M10) | 8 |
| | 55-1173 | LOCKWASHER (M10) | 8 |
| 17 | 104-791 | MOTOR (12 hp) | 1 |
| 18 | 93-669 | TOOL - angle setting | 1 |


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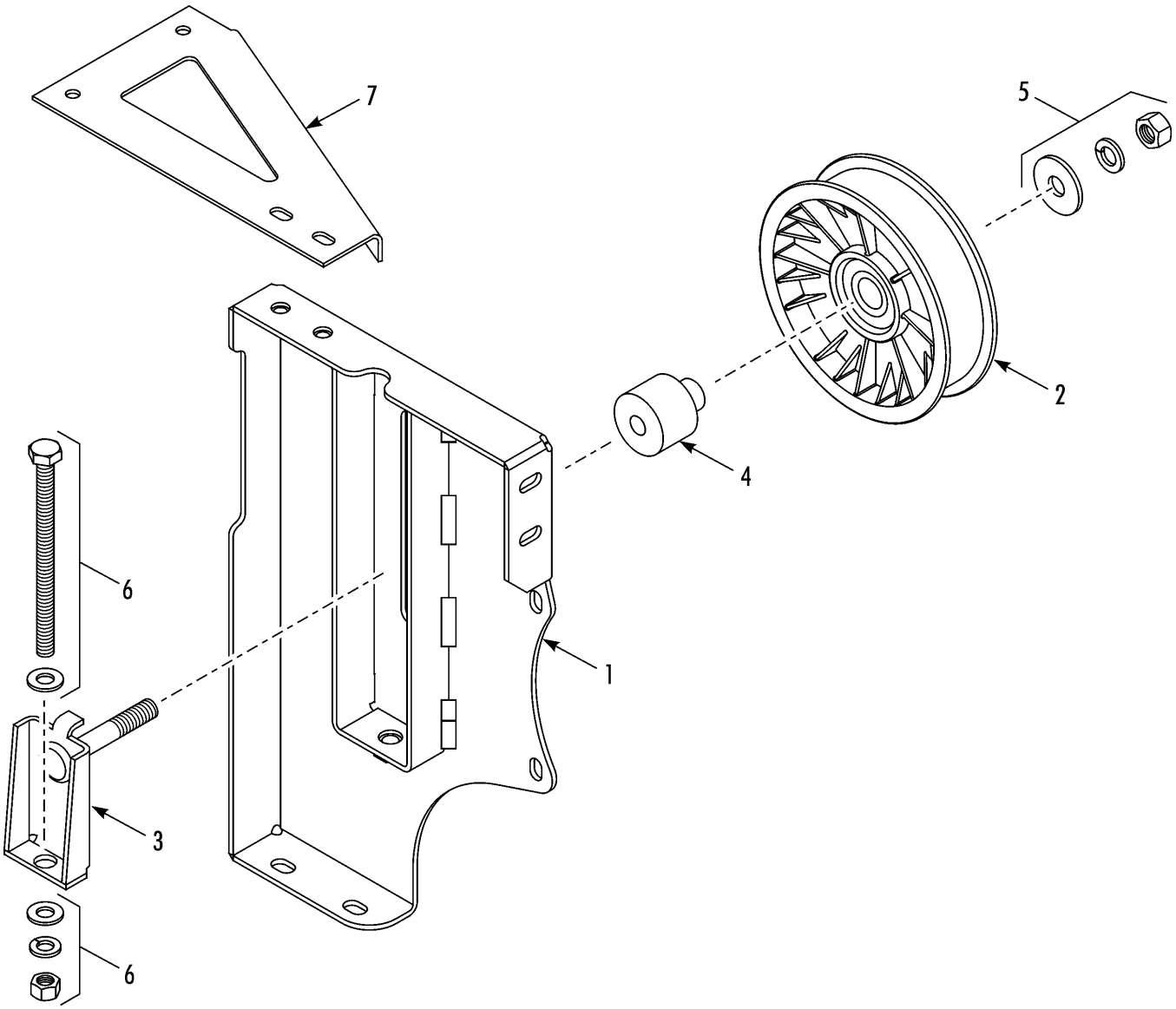
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 78-1307 | FAN - evaporator (CW, curbside) | 1 |
| 2 | 78-1306 | FAN - evaporator (CCW, roadside) | 1 |
| 3 | 77-2961 | CLIP - hub (w/ screw) | 2 |
| 4 | 77-1464 | CLIP - hub | 2 |
| | 55-7008 | NUT - fan | 2 |
| | 55-1800 | LOCKWASHER | 2 |
| | 55-7075 | FLATWASHER | 2 |
| 5 | 78-1682 | FANSHAFT (see 235H1) | 2 |
| | 55-4680 | SCREW - fanshaft | 8 |
| | 55-7072 | FLATWASHER | 8 |
| | 55-1173 | LOCKWASHER | 8 |
| 6 | 55-457 | KEY - woodruff | 2 |
| 7 | 78-1669 | BELT - engine to motor | 1 |
| 8 | 107-349 | CLUTCH (see 145F4) | 1 |
| | 55-5022 | SCREW - clutch | 6 |
| 9 | 77-3034 | PULLEY - evaporator fan (CW, curbside) | 1 |
| 10 | 77-3089 | PULLEY - evaporator fan (CCW, roadside) | 1 |
| | 51-1005 | SCREW - pulley | 4 |
| | 55-7727 | LOCKWASHER | 4 |
| 11 | 77-3037 | PULLEY - idler (see 242G8) | 1 |
| 12 | 77-2965 | PULLEY - motor/jackshaft | 1 |
| | 55-9724 | SCREW - pulley | 2 |
| | 55-7727 | LOCKWASHER | 2 |
| 13 | 78-1852 | BELT - motor to compressor | 1 |
| 14 | 77-2964 | PULLEY - alternator | 1 |
| 15 | 77-2966 | PULLEY - compressor | 1 |
| | 55-9031 | SCREW - pulley | 1 |
| | 55-6283 | LOCKWASHER | 1 |
| | 77-2505 | SPACER | 1 |
| 16 | 55-455 | KEY - woodruff | 1 |
| 17 | 102-911 | COMPRESSOR - X426 (see 242G9) | 1 |
| 18 | 104-791 | MOTOR (12 hp) | 1 |
| 19 | 78-1697 | JACKSHAFT (see 236B6) | 1 |


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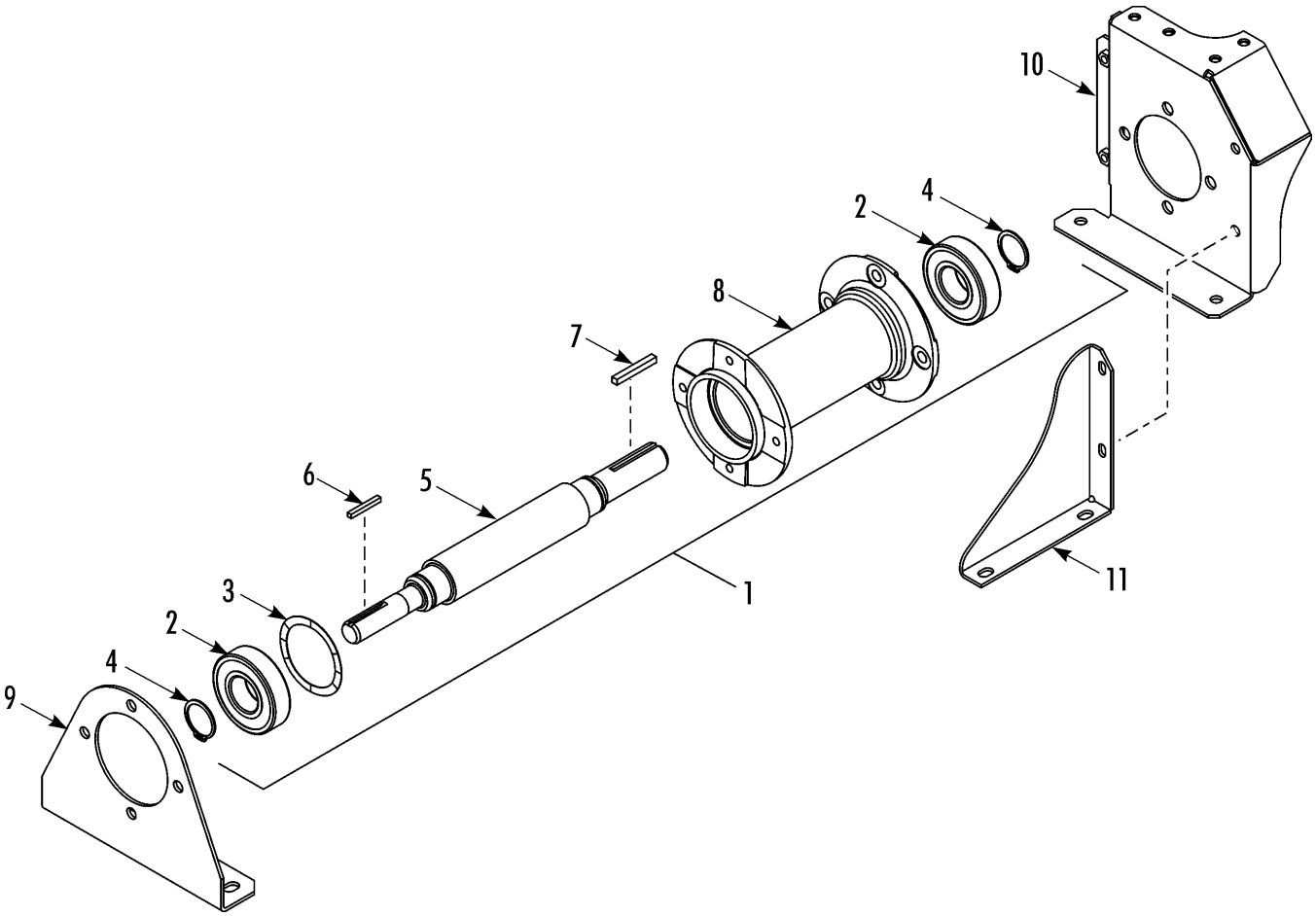
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 20 | 55-3263 | KEY - square | 1 |
| 21 | 77-2867 | HUB - fan | 1 |
| | 55-6220 | SCREW - hub | 2 |
| | 55-790 | LOCKWASHER | 2 |
| | 55-371 | FLATWASHER | 2 |
| 22 | 78-1409 | FAN - condenser | 1 |
| | 78-1708 | FAN - condenser (Ldb option, swept blades, see 240B1) | 1 |
| | 55-141 | SCREW - fan | 4 |
| | 55-790 | LOCKWASHER | 4 |
| 23 | 78-1736 | BELT - water pump (see 185F9) | 1 |
| 24 | 98-8953 | PLENUM - condenser fan (micro channel coil) | 1 |
| 25 | 92-7647 | ORIFICE - condenser fan | 1 |
| | 55-6994 | SCREW - orifice | 2 |
| | 55-7144 | WASHER - special | 2 |
| | 55-7727 | LOCKWASHER | 2 |
| | 51-1602 | RIVET - bracket | 10 |
| | 92-9927 | CLIP - retaining | 2 |
| | 55-3136 | RIVET - clip (3/16) | 8 |
| 26 | 92-7648 | BRACKET - air diverter | 1 |
| 27 | 45-2255 | ALTERNATOR - 37 amp | 1 |
| | 45-2498 | ALTERNATOR - 37 amp | 1 |
| 28 | 55-7355 | SCREW - fan | 2 |
| | 55-7347 | LOCKWASHER | 2 |
| | 51-1877 | WASHER - special | 2 |
| 29 | 92-7758 | SPACER - fan shaft housing (curbside) | 1 |
| 30 | 204-1903 | TOOL - belt tension | 1 |


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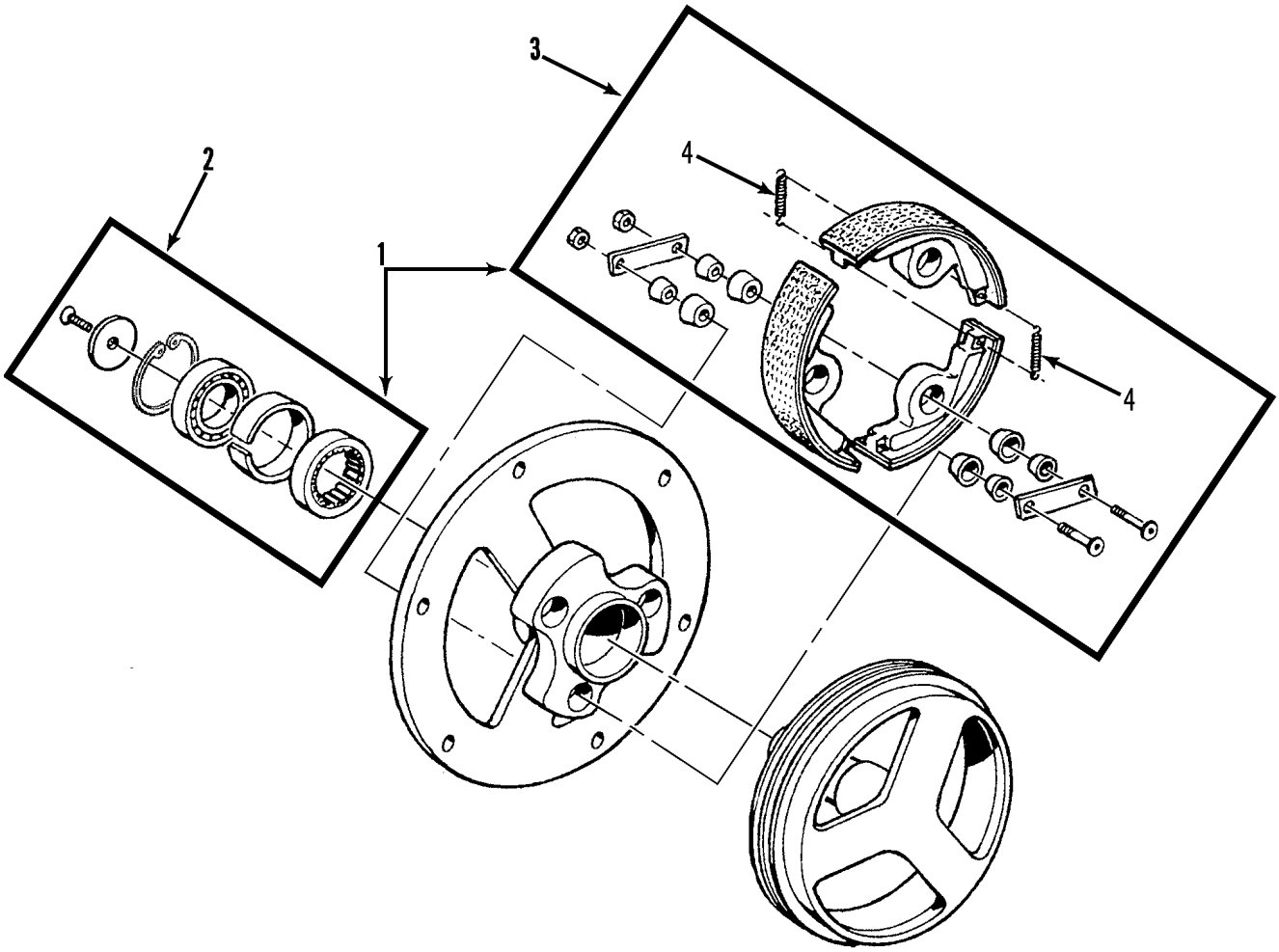
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| | 78-1682 | FANSHAFT - assembly | 1 |
| 1 | 99-3264 | *TUBE - splash guard | 1 |
| 2 | 99-3262 | *HOUSING | 1 |
| 3 | 55-6418 | *VENT - air | 1 |
| | 55-6416 | **CAP - air vent | 1 |
| 4 | 91-1203 | *CAP | 1 |
| 5 | 99-2901 | *SHIM (0.005 thk) | A/R |
| | 99-2902 | *SHIM (0.007 thk) | A/R |
| | 99-4231 | *SHIM (0.020 thk) | A/R |
| 6 | 77-2955 | *FANSHAFT | 1 |
| 7 | 55-3350 | *SCREW - oil plug | 2 |
| 8 | 33-1009 | *O-RING | 2 |
| 9 | 55-3834 | *SCREW - cap | 4 |
| | 55-2958 | *LOCKWASHER | 4 |
| | 70-135 | *KIT - fanshaft repair | 1 |
| 10 | 33-2134 | **SEAL - oil | 2 |
| 11 | 33-982 | **O-RING | 1 |
| 12 | 77-1070 | **BEARING - roller | 2 |
| | 203-278 | *GREASE (gallon) | A/R |
| 13 | 11-6863 | SLEEVE - repair | 1 |


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| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 92-9226 | BRACKET - tensioner (T-570/600/800) | 1 |
| | 93-625 | BRACKET - tensioner (T-580/680/880) | 1 |
| | 92-9229 | BRACKET - tensioner (T-1000/1080/1200) | 1 |
| 2 | 77-3037 | PULLEY - tensioner | 1 |
| | 77-2778 | *BEARING | 1 |
| 3 | 92-9227 | BRACKET - adjuster | 1 |
| 4 | 77-2996 | BUSHING - pulley | 1 |
| 5 | 55-8471 | NUT - pulley | 1 |
| | 55-6283 | LOCKWASHER | 1 |
| | 51-1468 | FLATWASHER | 1 |
| 6 | 51-2147 | SCREW - adjuster | 1 |
| | 55-7072 | FLATWASHER | 2 |
| | 55-1173 | LOCKWASHER | 1 |
| | 55-6573 | NUT | 1 |
| 7 | 92-9228 | BRACKET - support | 1 |

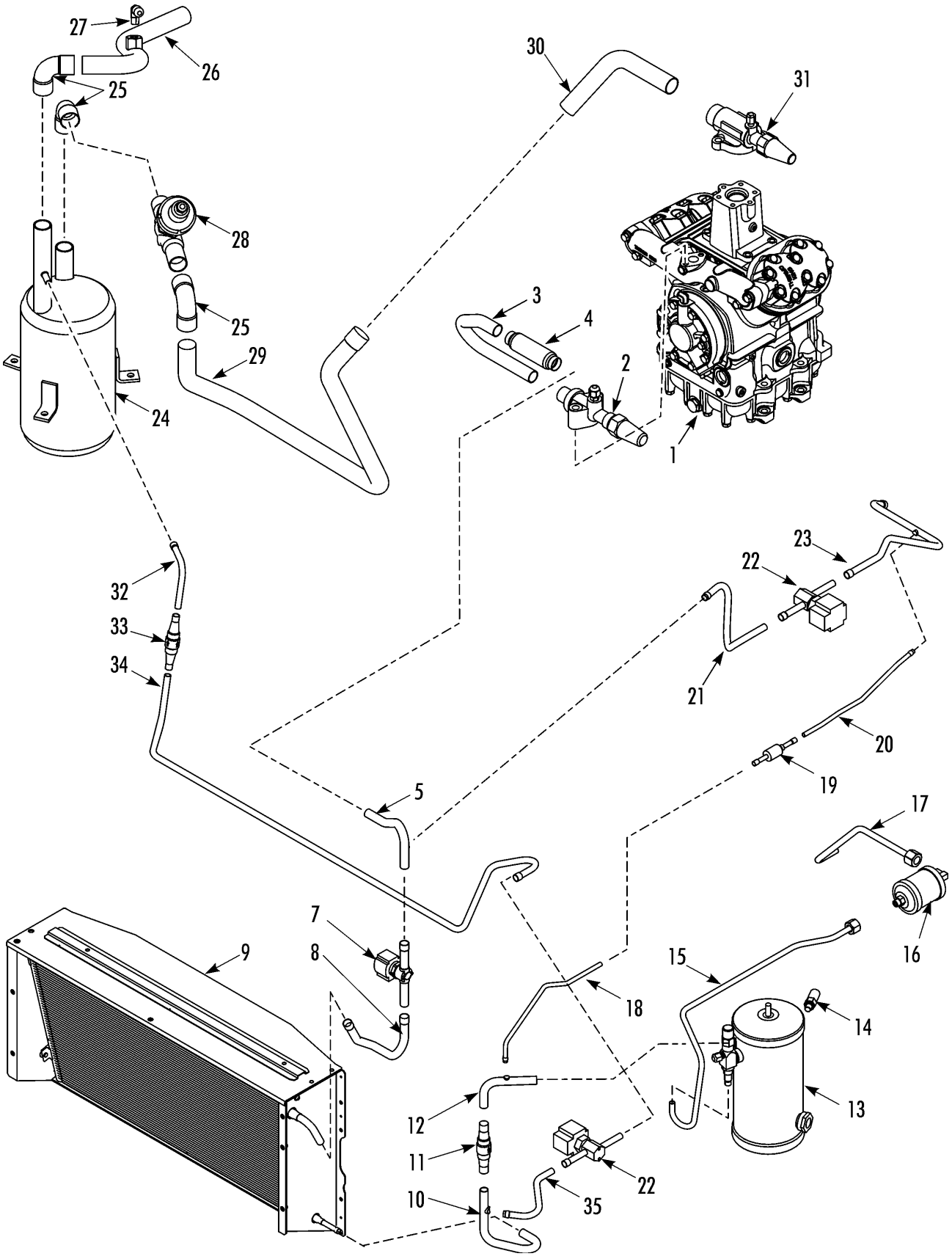

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| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 78-1697 | JACKSHAFT | 1 |
| 2 | 77-2779 | *BEARING | 2 |
| 3 | 55-9958 | *WASHER - wave | 1 |
| 4 | 55-9957 | *RING - external | 2 |
| 5 | 77-2960 | *SHAFT | 1 |
| 6 | 51-2379 | *KEY (1.25 in lg) | 1 |
| 7 | 55-3263 | *KEY (1.75 in lg) | 1 |
| 8 | NSS | *HOUSING | 1 |
| 9 | 92-7843 | BRACKET - condenser side | 1 |
| 10 | 93-670 | BRACKET - evaporator side | 1 |
| | 55-6998 | SCREW - cover | 8 |
| | 55-1173 | LOCKWASHER | 8 |
| | 55-7072 | FLATWASHER | 8 |
| 11 | 93-649 | SUPPORT - jackshaft | 1 |
| | 55-7341 | SCREW - support | 2 |
| | 55-7342 | LOCKWASHER | 2 |
| | 55-7085 | FLATWASHER | 2 |

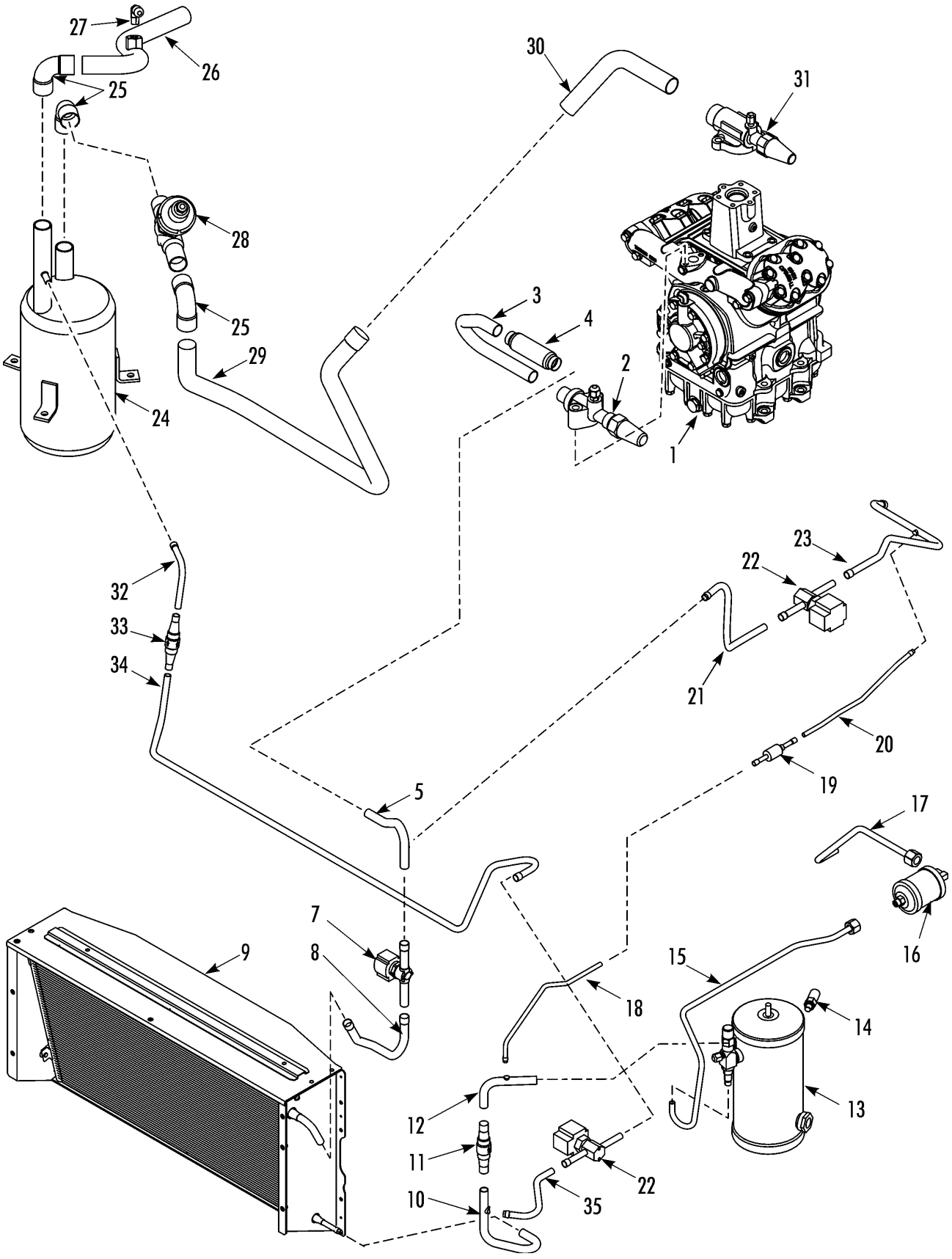

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| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| | 107-349 | CLUTCH | 1 |
| | 107-348 | CLUTCH (under mount units only) | 1 |
| 1 | 70-189 | *KIT - clutch repair | 1 |
| 2 | 70-175 | **KIT - bearing | 1 |
| 3 | 70-190 | **KIT - shoe | 1 |
| 4 | 77-2608 | ***SPRING | 2 |

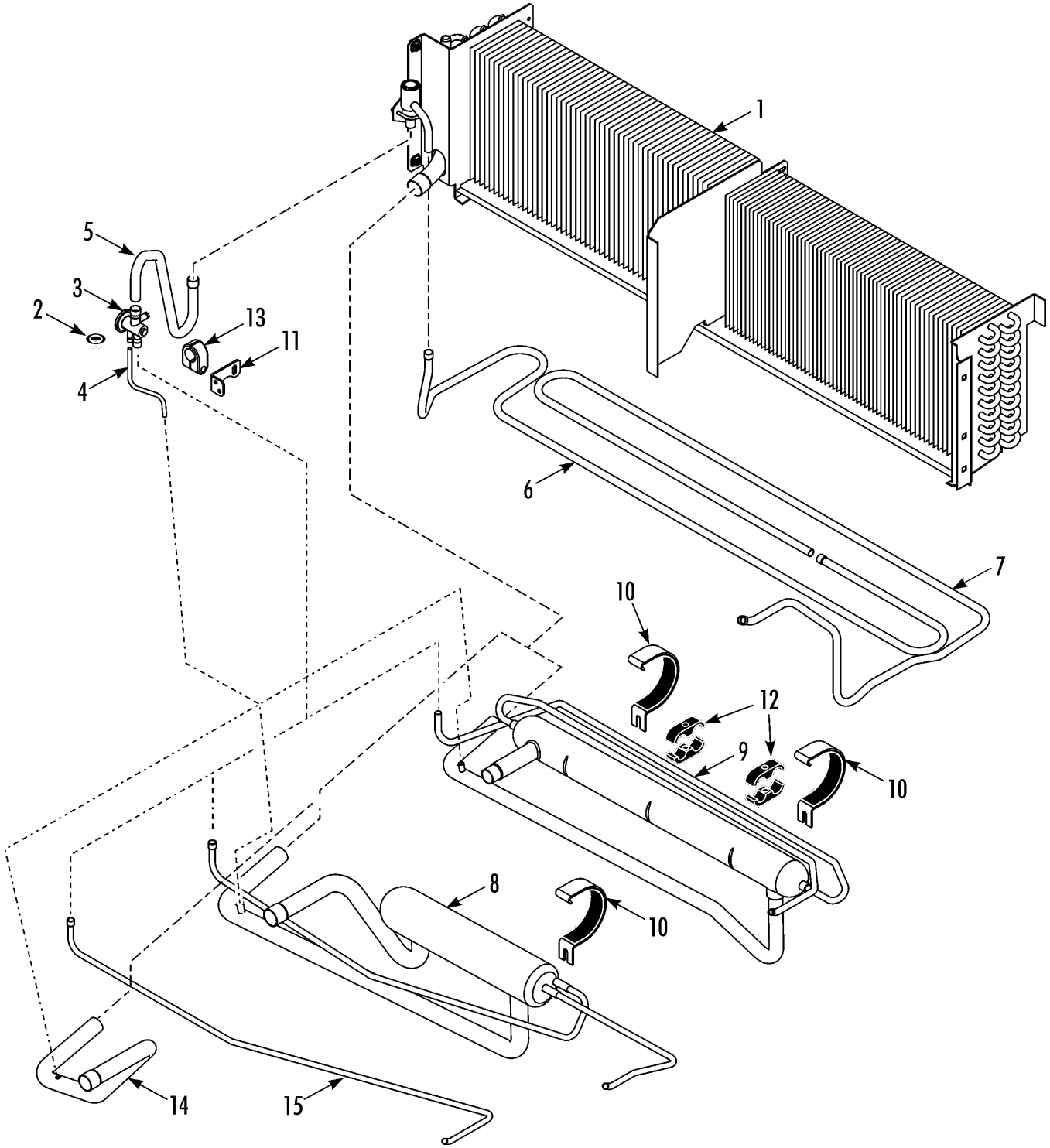
NOTE: Clutch 107-291 replaces clutch 107-257 & 107-204. See 132D14 for replacement parts for 107-257. See 94B1 for replacement parts for 107-204.


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| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 102-911 | COMPRESSOR - X426 (see 242G9) | 1 |
| 2 | 66-129 | VALVE - discharge (see 242G9) | 1 |
| 3 | 61-4798 | TUBE - valve to strainer | 1 |
| 4 | 61-4682 | STRAINER - discharge | 1 |
| 5 | 61-6287 | TUBE - strainer to condenser valve | 1 |
| 6 | 11-2886 | VALVE | 1 |
| 7 | 61-4861 | VALVE - condenser inlet | 1 |
| | 92-9922 | BRACKET - valve | 1 |
| 8 | 61-5952 | TUBE - valve to condenser | 1 |
| 9 | 67-2726 | COIL - condenser/radiator (see 259E8) | 1 |
| 10 | 61-6068 | TUBE - condenser to check valve | 1 |
| 11 | 66-5722 | VALVE - check | 1 |
| 12 | 61-5954 | TUBE - check valve to receiver tank | 1 |
| 13 | 67-2706 | TANK - receiver (see 235H5) | 1 |
| 14 | 66-7392 | VALVE - relief | 1 |
| 15 | 61-5955 | TUBE - tank to dehydrator | 1 |
| 16 | 61-800 | DEHYDRATOR (see 235H6) | 1 |
| 17 | 61-5956 | TUBE - dehydrator to evaporator | 1 |
| 18 | 61-5959 | TUBE - valve to receiver tank | 1 |
| 19 | 66-8669 | VALVE - check | 1 |
| 20 | 61-5957 | TUBE - valve to tube | 1 |
| 21 | 61-6113 | TUBE - discharge tube to hot gas solenoid | 1 |
| 22 | 66-6384 | VALVE - hot gas & purge (see 116G14) | 2 |
| 23 | 61-5958 | TUBE - hot gas (valve to evaporator) | 1 |
| 24 | 67-2813 | TANK - accumulator | 1 |
| | 55-5579 | SCREW - tank | 3 |
| | 55-1173 | LOCKWASHER | 3 |
| | 55-7072 | FLATWASHER | 3 |
| 25 | 55-3682 | ELBOW | 2 |
| 26 | 61-4709 | TUBE - evaporator to elbow | 1 |
| | 66-3570 | *FITTING - saddle | 1 |
| 27 | 11-5513 | *VALVE - elbow | 1 |
| | 11-7777 | *INSERT - valve | 1 |


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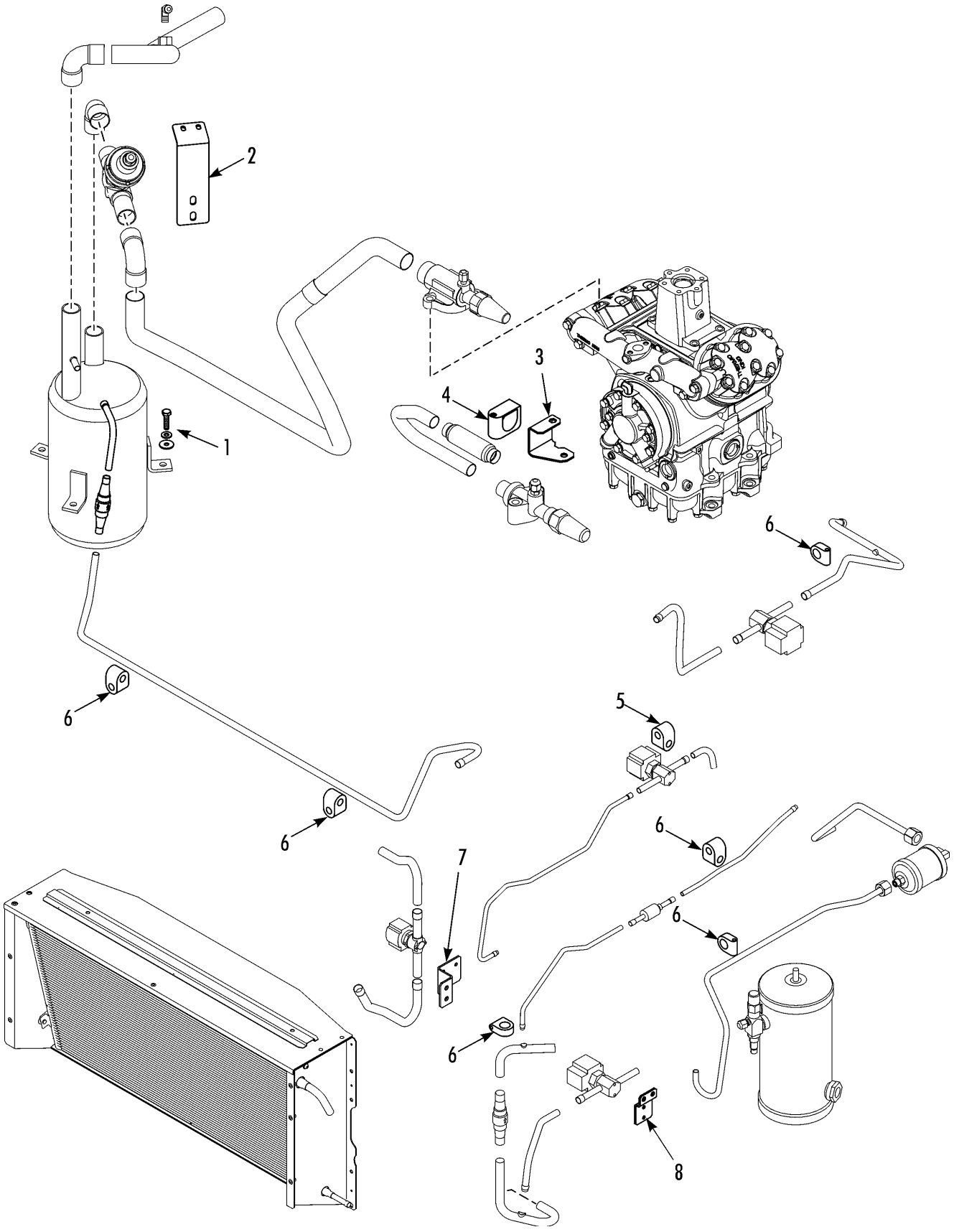
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| | 55-1983 | CAP - valve | 1 |
| 28 | 61-4801 | TUBE - suction (electric valve to joint) | 1 |
| 29 | 61-4525 | VALVE - pressure regulator (electric) | 1 |
| | 40-1029 | *KIT - valve repair | 1 |
| 30 | 61-4800 | TUBE - suction (ETV) | 1 |
| 31 | 66-5492 | VALVE - suction (see 242G9) | 1 |
| 32 | 61-5718 | TUBE - accumulator to check valve | 1 |
| 33 | 61-5725 | VALVE - check | 1 |
| 34 | 61-6071 | TUBE - check valve to solenoid | 1 |
| 35 | 61-5960 | TUBE - solenoid to coil | 1 |


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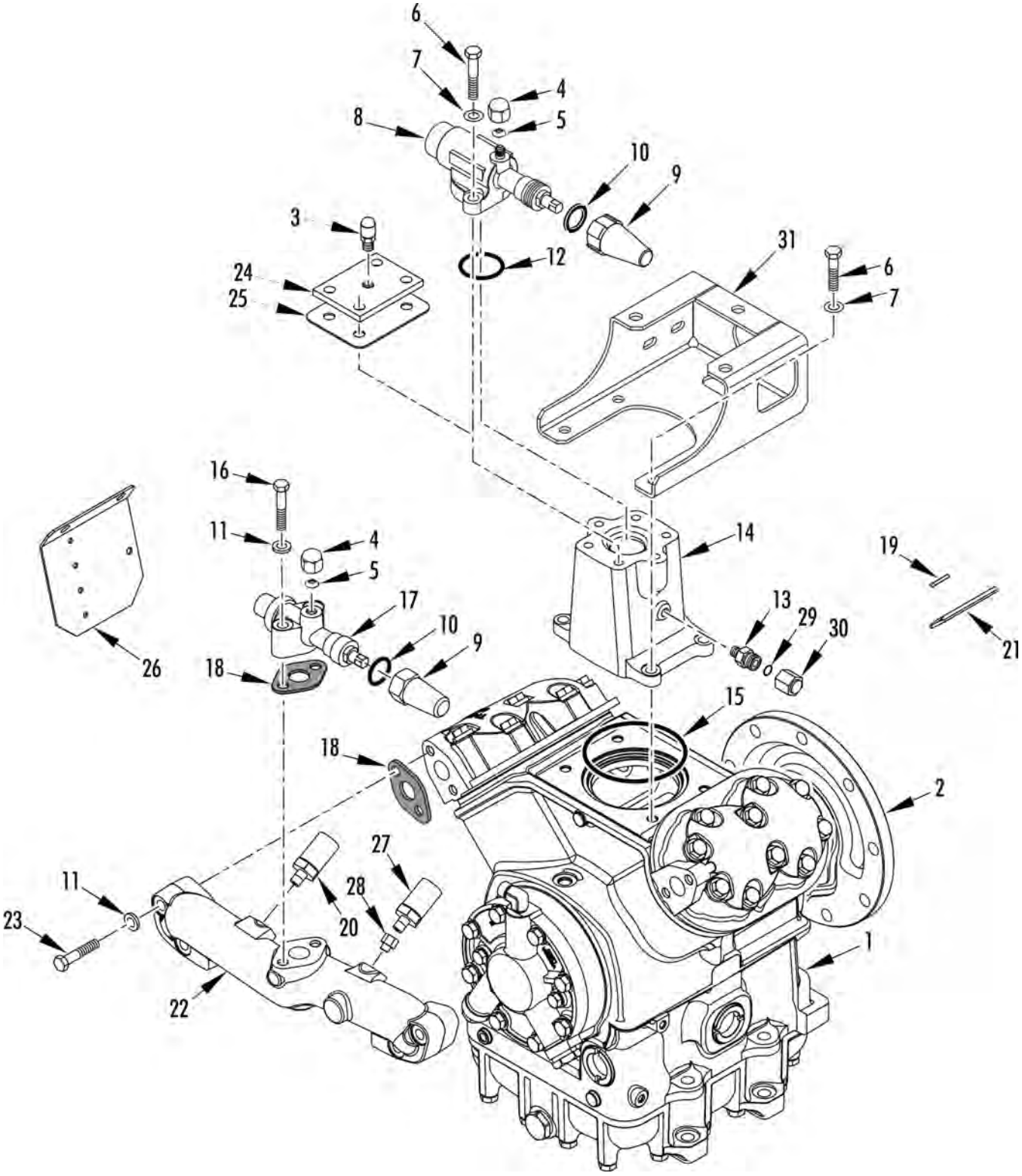
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 67-2422 | COIL - evaporator | 1 |
| 2 | 33-612 | *GROMMET - heater cable | 1 |
| | 92-9858 | *STRAP - distributor | 1 |
| | 55-9495 | *RIVET - strap | 2 |
| | 55-6997 | *NUT - captive | 8 |
| | 51-718 | SCREW - coil | 4 |
| 3 | 61-4591 | VALVE - expansion (T-570R) | 1 |
| | 61-4715 | VALVE - expansion (T-600/800) | 1 |
| | 61-4713 | VALVE - expansion (T-600M/600R/800M/800R) | 1 |
| | 61-4704 | VALVE - expansion (T-1000/1000R/1000M) | 1 |
| | 61-4885 | VALVE - expansion (T-1200R) | 1 |
| | 203-534 | TAPE - insulating | A/R |
| 4 | 61-4656 | TUBE - equalizer | 1 |
| 5 | 61-4712 | TUBE - valve to coil | 1 |
| 6 | 61-4654 | TUBE - defrost (joint to evap) | 1 |
| 7 | 61-6072 | TUBE - defrost (bulkhead to joint) | 1 |
| 8 | 67-2748 | HEAT EXCHANGER (T-800/800M/800R/1000/1200R) | 1 |
| 9 | 67-2756 | HEAT EXCHANGER (T-600/600R/600M/1000R/1000M) | 1 |
| 10 | 92-7649 | STRAP - heat exchanger | 2 |
| | 51-718 | SCREW - strap | 4 |
| 11 | 92-7542 | BRACKET - expansion valve | 1 |
| 12 | 91-445 | CLAMP - tubes | 4 |
| 13 | 51-1179 | CLAMP - expansion | 1 |
| | 55-8316 | SCREW - clamp | 3 |
| | 55-7075 | FLATWASHER | 5 |
| | 55-7042 | NUT | 3 |
| 14 | 61-4657 | TUBE - evaporator to accumulator (T-570R) | 1 |
| 15 | 61-6191 | TUBE - condenser to expansion valve (T-570R) | 1 |

# REFRIGERATION TUBES, CLAMPS & MOUNTING (2/13 & after)

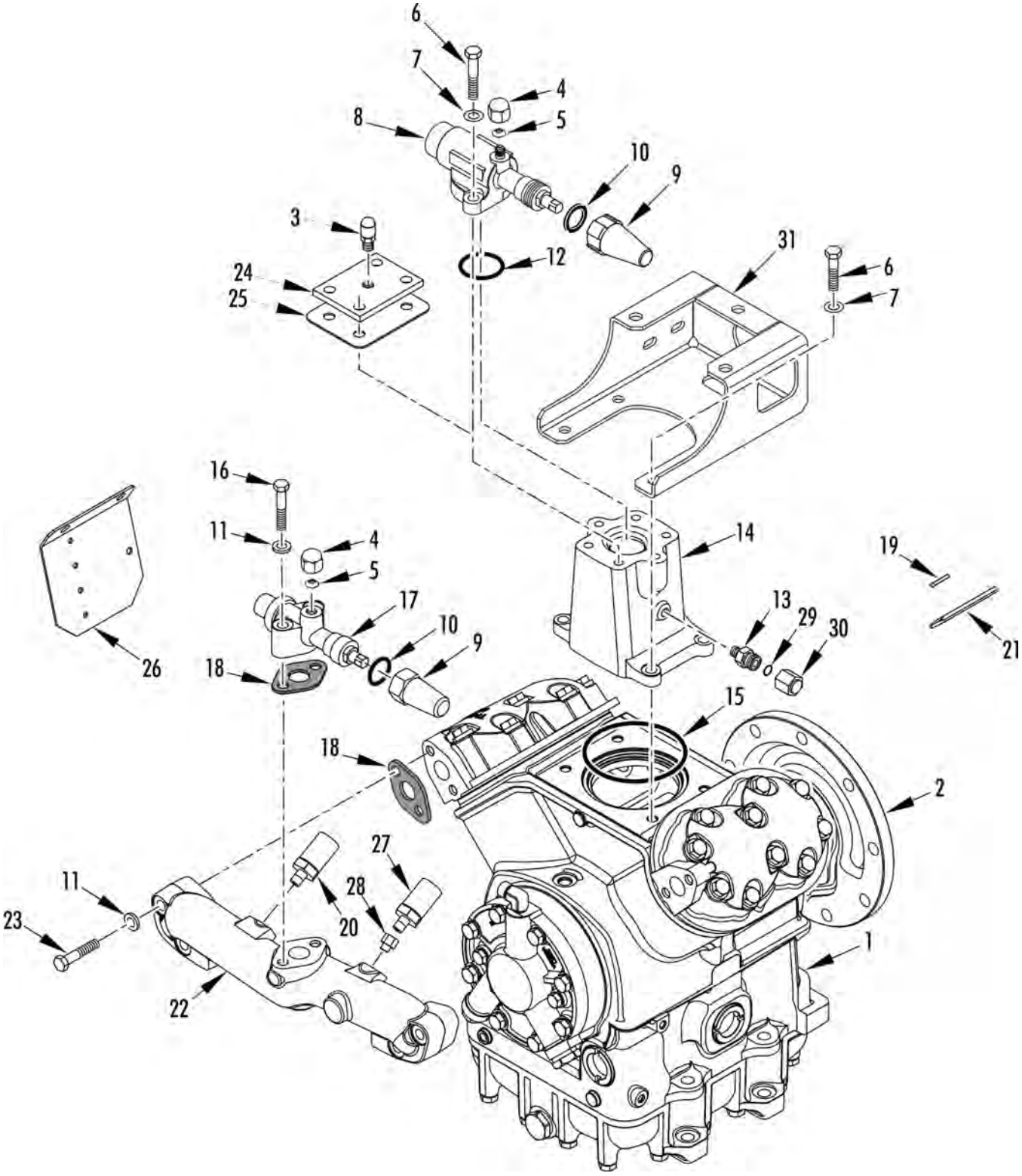




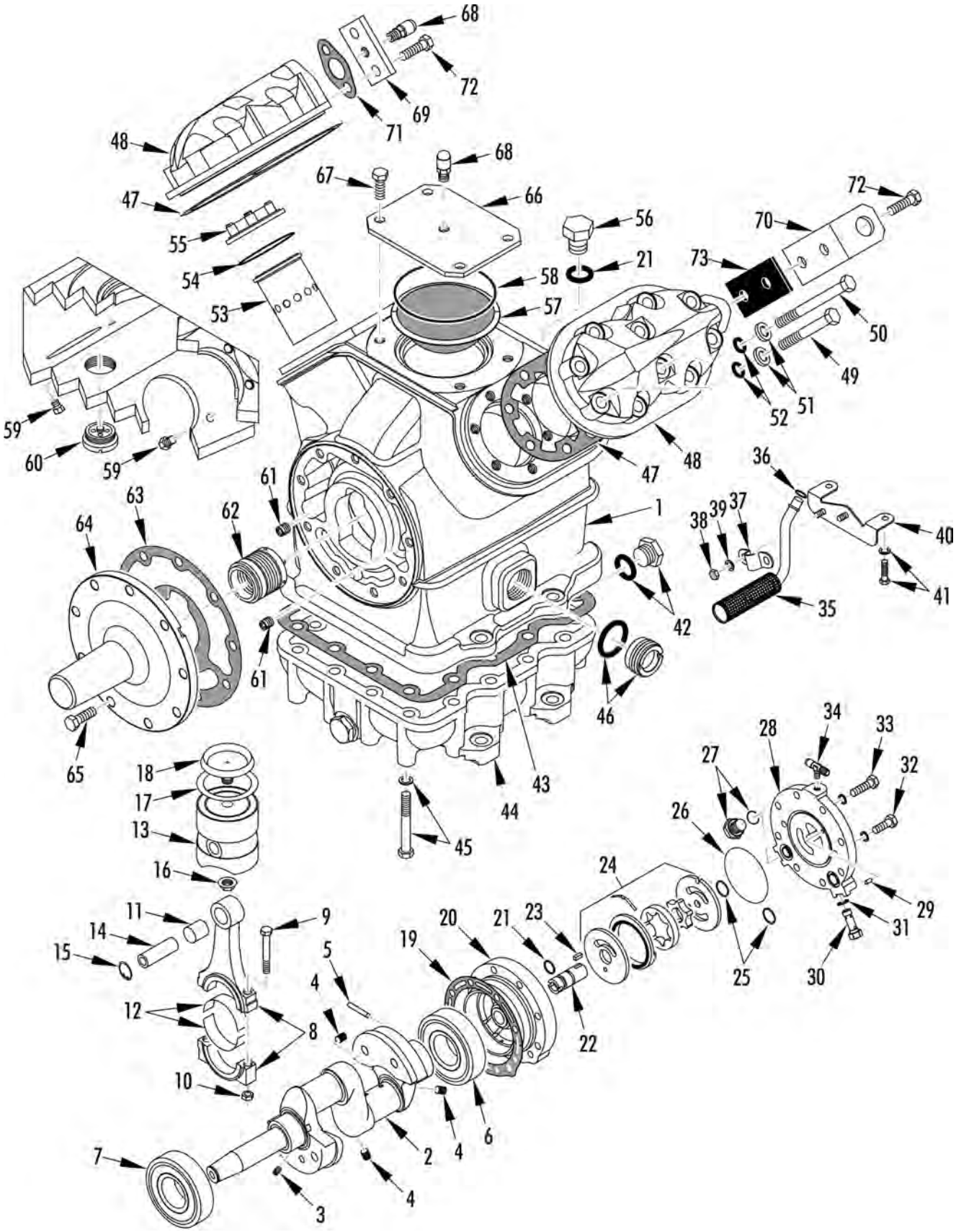
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 55-7072 | SCREW - accumulator tank (M10 X 25) | 3 |
| | 55-1173 | LOCKWASHER | 4 |
| | 55-7072 | FLATWASHER | 8 |
| 2 | 93-672 | BRACKET - ETV | 1 |
| | 55-7825 | NUT - bracket | 2 |
| | 55-7085 | FLATWASHER | 2 |
| | 55-7342 | LOCKWASHER | 2 |
| | 51-2373 | SCREW - ETV to bracket | 2 |
| 3 | 92-7578 | BRACKET - strainer (T-680/880) | 1 |
| | 93-671 | BRACKET - strainer (T-1080) | 1 |
| 4 | 91-3886 | CLAMP - tube (1.0 in. dia) | 1 |
| | 51-2203 | SCREW - clamp (M6 X 50) | 1 |
| | 55-4638 | FLATWASHER | 1 |
| 5 | 55-6544 | CLAMP - tube (0.25 dia) | 2 |
| 6 | 55-6388 | CLAMP - tube (0.38 dia) | 3 |
| | 55-4605 | SCREW - clamp (M6 X 40) | 5 |
| | 55-7478 | LOCKWASHER | 5 |
| | 55-4638 | FLATWASHER | 5 |
| | 55-9084 | INSERT - threaded | 5 |
| 7 | 92-9926 | BRACKET - valve | 1 |
| | 55-1384 | SCREW - valve | 2 |
| | 55-5761 | LOCKWASHER | 2 |
| | 55-9084 | INSERT - threaded | 2 |


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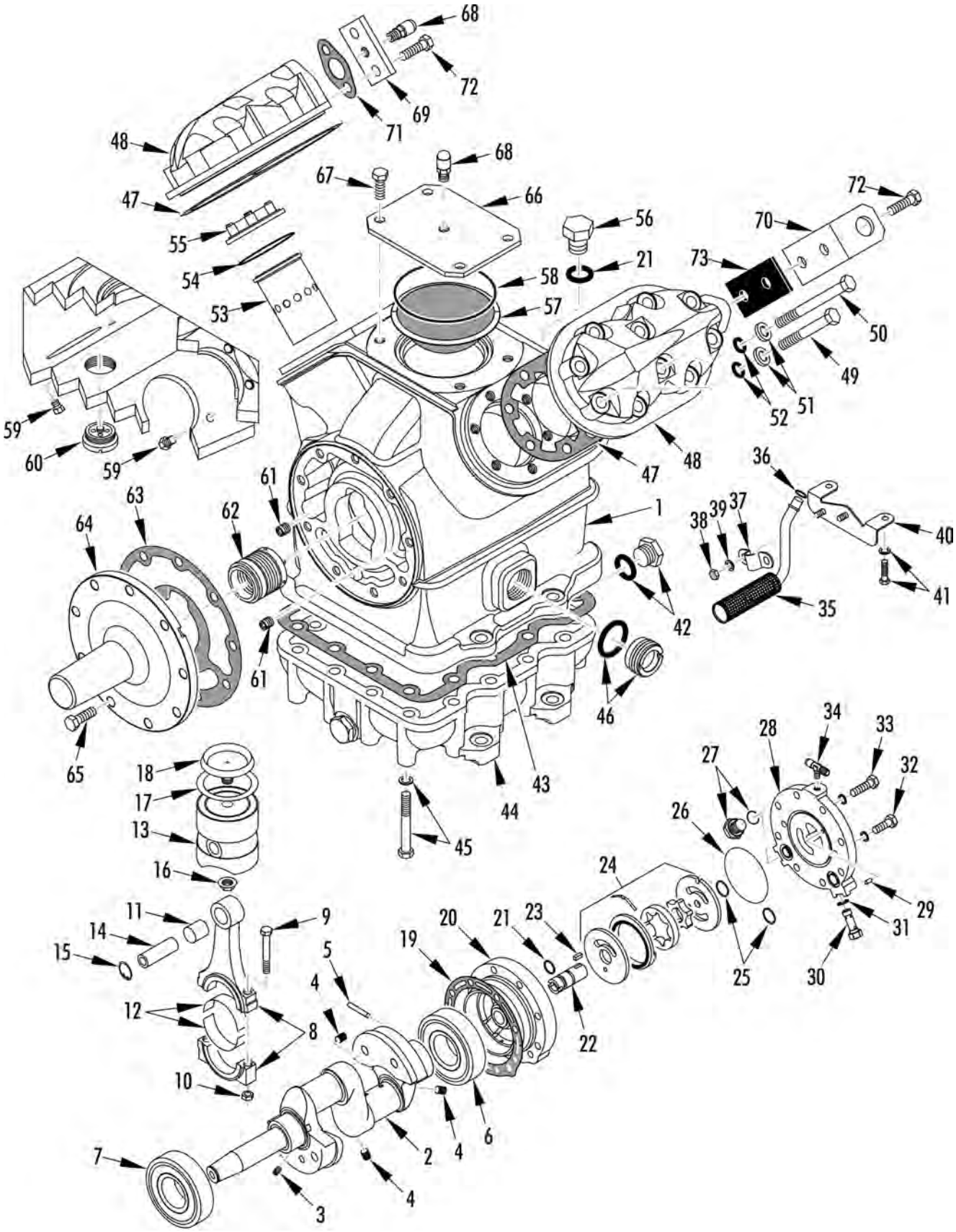
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 102-911 | COMPRESSOR - X426 LS C5 (dry, see 226C5) | 1 |
| | 8102-911 | COMPRESSOR - X426 LS C5 (dry, reman, see 226C5) | 1 |
| 2 | 22-755 | COVER - bearing | 1 |
| 3 | 11-2886 | VALVE (Schrader) | 1 |
| | 11-7777 | *CORE - valve | 1 |
| | 55-5672 | *CAP - valve | 1 |
| | 203-385 | SEALER - thread | A/R |
| 4 | 55-1983 | CAP - flare | 2 |
| 5 | 33-768 | GASKET - flare | 2 |
| 6 | 55-9106 | SCREW - valve & cover (3/8 x 1-1/8) | 6 |
| 7 | 55-896 | FLATWASHER | 6 |
| 8 | 66-5492 | VALVE - suction | 1 |
| 9 | 66-2296 | *CAP - service valve (plastic, incl gasket) | 1 |
| | 66-3015 | *CAP - valve (brass, incl gasket) | 1 |
| 10 | 33-3007 | **GASKET - plastic cap | 1 |
| | 33-350 | **CAP - brass valve | 1 |
| 11 | 55-6804 | WASHER - sealing | 6 |
| 12 | 33-230 | O-RING - valve (1.875 id) | 1 |
| 13 | 66-8928 | ADAPTER - o-ring seal | 1 |
| 14 | 61-5658 | ADAPTER - suction valve | 1 |
| 15 | 33-1221 | O-RING - valve | 1 |
| 16 | 55-6776 | SCREW - discharge valve | 2 |
| 17 | 66-129 | VALVE - discharge (incl 9 & 10) | 1 |
| 18 | 33-2805 | GASKET - valve & manifold | 3 |
| 19 | 55-5371 | KEY - compressor | 1 |
| 20 | 41-3847 | SWITCH - hpco | 1 |
| 21 | 204-972 | TOOL - keyway alignment | 1 |
| 22 | 22-1049 | MANIFOLD - discharge (X426) | 1 |
| 23 | 55-6822 | SCREW - manifold | 4 |
| 24 | 91-4134 | PLATE - cover | 1 |
| 25 | 33-3101 | GASKET - cover | 1 |
| 26 | 92-8483 | BRACKET - harness | 1 |
| | 55-8764 | STUD - bracket | 2 |


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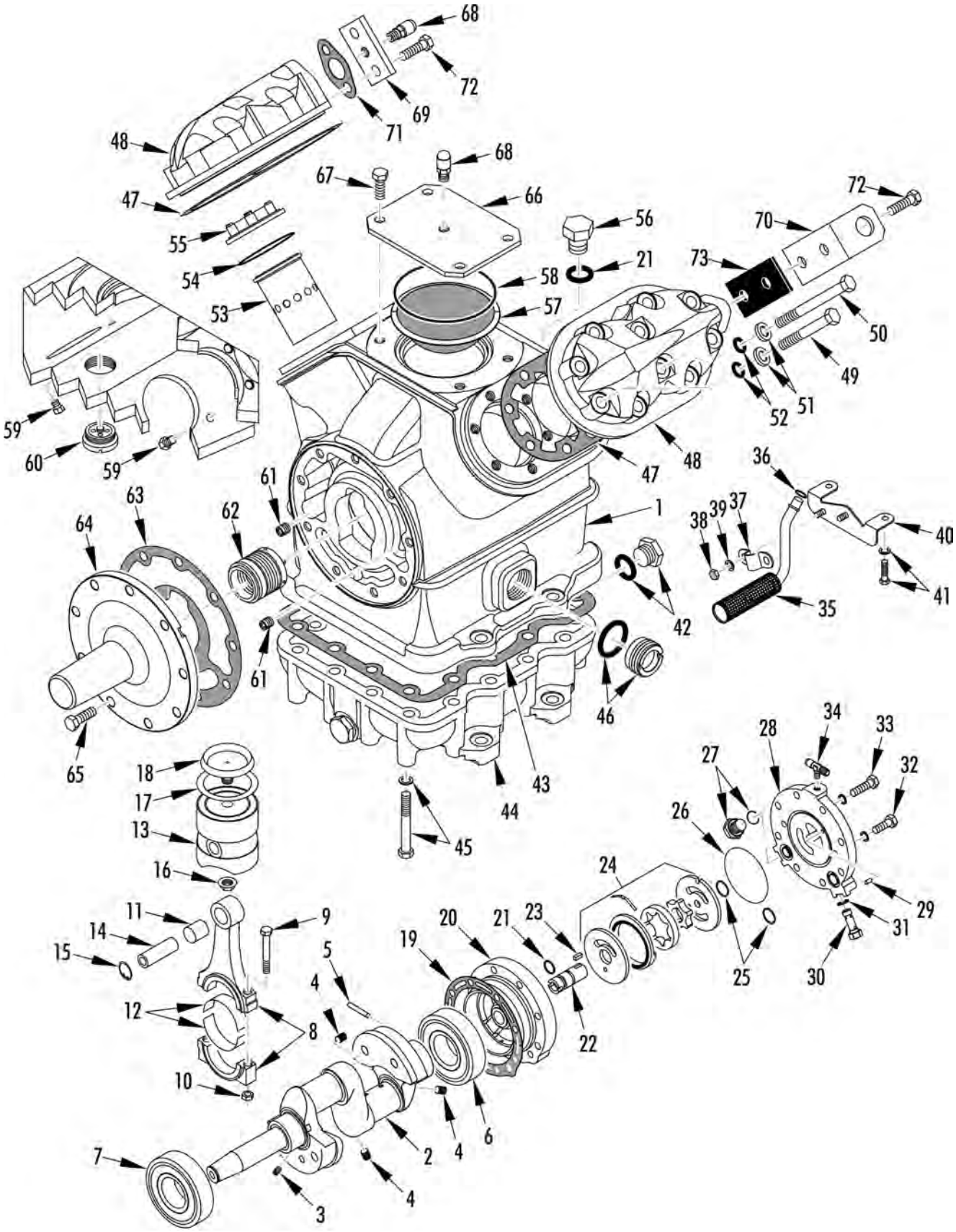
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| | 55-402 | FLATWASHER | 2 |
| | 55-375 | LOCKWASHER | 2 |
| | 55-289 | NUT | 2 |
| 27 | 41-7962 | TRANSDUCER - discharge | 1 |
| 28 | 55-3466 | ADAPTER - transducer | 1 |
| 29 | 33-1461 | O-RING | 1 |
| 30 | 66-9387 | CAP - adapter | 1 |
| 31 | 92-8380 | BRACKET - compressor | 1 |


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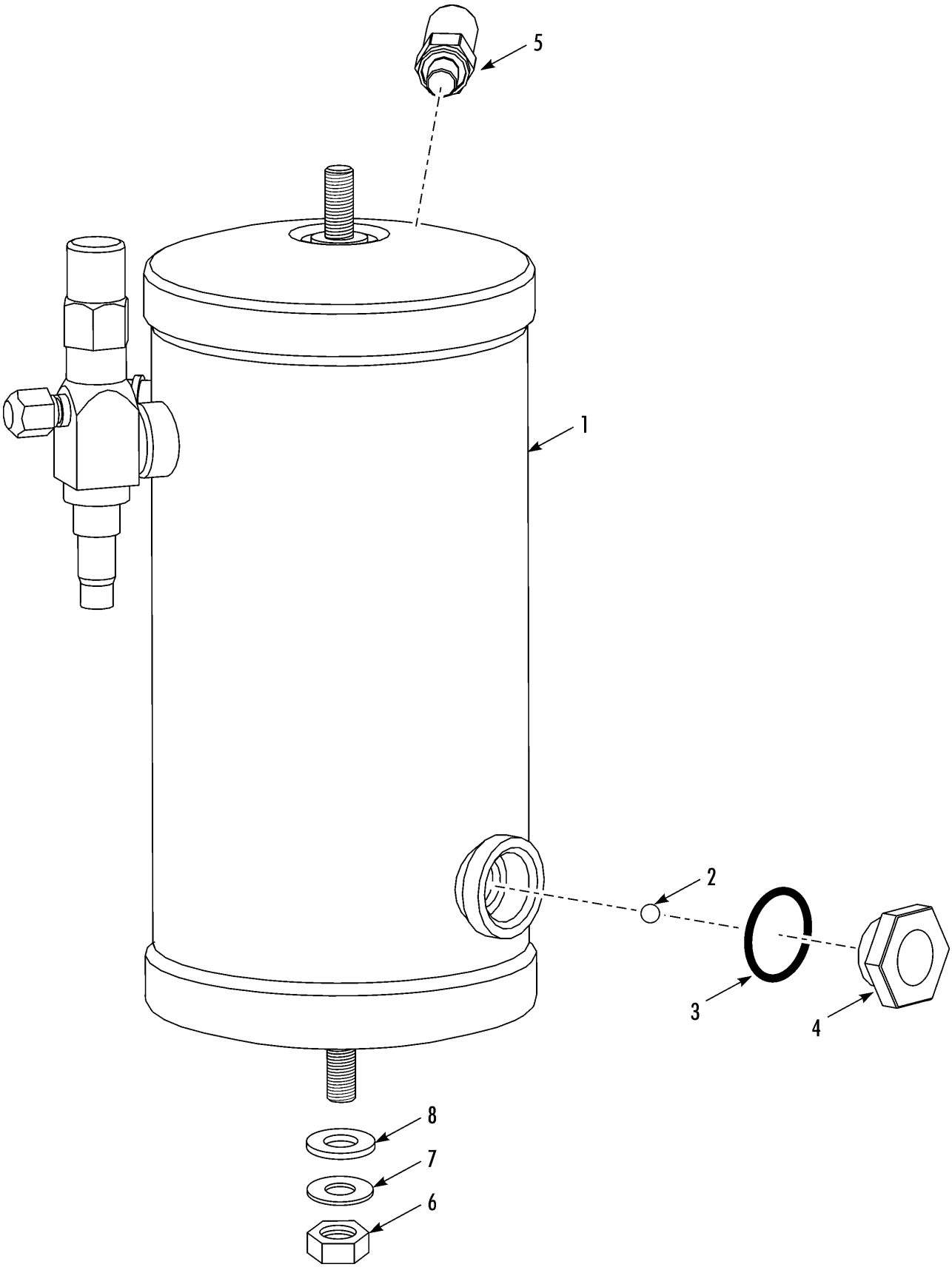
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| | 102-911 | COMPRESSOR - X426 (LS C5) | 1 |
| | 8102-911 | COMPRESSOR - X426 (LS C5, reman) | 1 |
| | 102-901 | COMPRESSOR - X426 (LS C5, EMEIA) | 1 |
| | 8102-901 | COMPRESSOR - X426 (LS C5, reman, EMEIA) | 1 |
| 1 | 23-155 | *BODY - compressor | 1 |
| 2 | 22-1075 | *CRANKSHAFT | 1 |
| | 55-1409 | **RIVET - counterweight | A/R |
| 3 | 22-123 | *PLUG - oil metering | 1 |
| 4 | 55-4720 | *PLUG | 3 |
| 5 | 55-4213 | *PIN - dowel | 1 |
| 6 | 77-169 | *BEARING - ball | 1 |
| 7 | 77-2872 | *BEARING - ball (C5) | 1 |
| 8 | 22-639 | *ROD - connecting | 4 |
| 9 | 55-5062 | **BOLT - connecting rod | 2 |
| 10 | 51-666 | **NUT (12 point) | 2 |
| 11 | 11-475 | **BUSHING - piston pin | 1 |
| 12 | 22-1246 | *BEARING SET - connecting rod (standard) | 4 |
| | 22-1264 | *BEARING SET (0.005 us) | 4 |
| | 22-1265 | *BEARING SET (0.010 us) | 4 |
| | 22-1266 | *BEARING SET (0.020 us) | 4 |
| | 22-1267 | *BEARING SET (0.030 us) | 4 |
| 13 | 22-849 | *PISTON | 4 |
| 14 | NSS | **PIN - piston | 4 |
| 15 | 55-2122 | **RING - retaining | 8 |
| 16 | 51-115 | **NUT | 1 |
| 17 | NSS | **REED - piston | 1 |
| 18 | NSS | **HEAD - piston | 1 |
| 19 | 33-110 | *GASKET - pump end | 1 |
| 20 | 22-1326 | *HOUSING - oil pump | 1 |
| | 55-4210 | *PIN - dowel | 1 |
| 21 | 33-1223 | **O-RING | 2 |
| 22 | 22-1149 | *SHAFT - oil pump | 1 |
| 23 | 55-9760 | *KEY - shaft | 1 |


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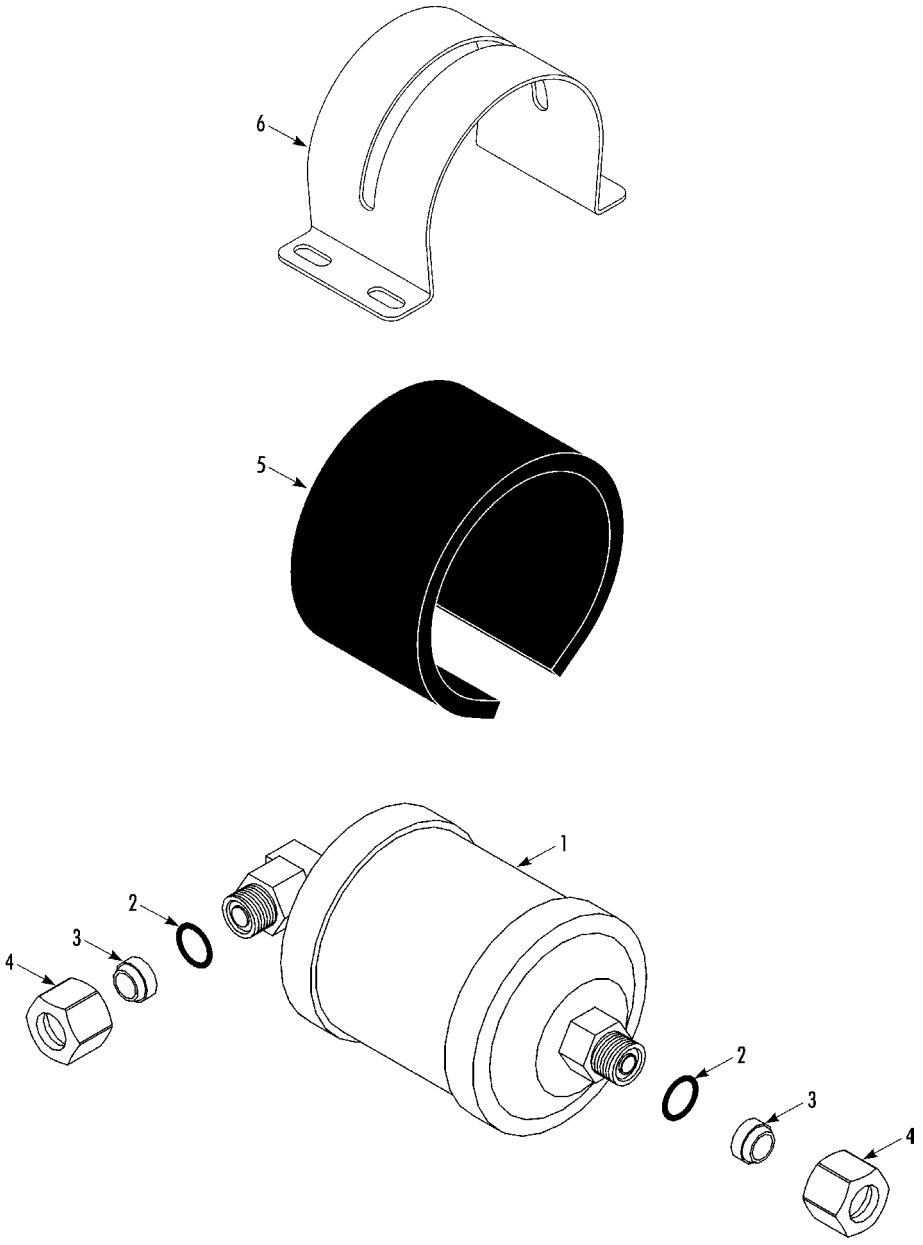
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 24 | 22-1160 | *PUMP - oil (incl items 21-23) | 1 |
| 25 | 33-239 | *O-RING | 2 |
| 26 | 33-1175 | *O-RING | 1 |
| 27 | 55-6752 | *PLUG - oil pump cover | 1 |
| | 33-2095 | **O-RING | 4 |
| 28 | 22-1278 | *COVER - pump | 1 |
| 29 | 55-4211 | *PIN - dowel | 1 |
| 30 | 22-784 | *REGULATOR | 1 |
| 31 | 33-672 | **O-RING | 1 |
| 32 | 55-681 | *SCREW - cover to housing | 2 |
| | 51-149 | *FLATWASHER | 2 |
| 33 | 55-183 | *SCREW - pump | 8 |
| 34 | 11-9001 | *VALVE - tee | 1 |
| | 203-393 | *SEALER - thread | A/R |
| | 55-1983 | *CAP - valve | 1 |
| 35 | 22-611 | *SCREEN - oil pickup | 1 |
| 36 | 33-2205 | *O-RING | 1 |
| 37 | 99-4848 | *CLAMP - screen | 1 |
| 38 | 55-291 | *NUT | 2 |
| 39 | 55-366 | *LOCKWASHER | 2 |
| 40 | 99-4849 | *BRACKET - screen | 1 |
| 41 | 55-165 | *SCREW - bracket | 2 |
| | 55-366 | *LOCKWASHER | 2 |
| 42 | 55-6751 | *PLUG - magnetic | 2 |
| | 33-2095 | *O-RING | 2 |
| 43 | 33-2515 | *GASKET - oil sump | 16 |
| 44 | 22-747 | *SUMP - oil (two drain holes) | 1 |
| 45 | 55-1417 | *SCREW - oil sump | 16 |
| | 55-896 | *FLATWASHER | 16 |
| 46 | 22-350 | *SIGHT GLASS | 3 |
| | 33-822 | *O-RING | 3 |
| 47 | 33-2552 | *GASKET - cylinder head | 2 |
| 48 | 22-789 | *HEAD - cylinder | 2 |


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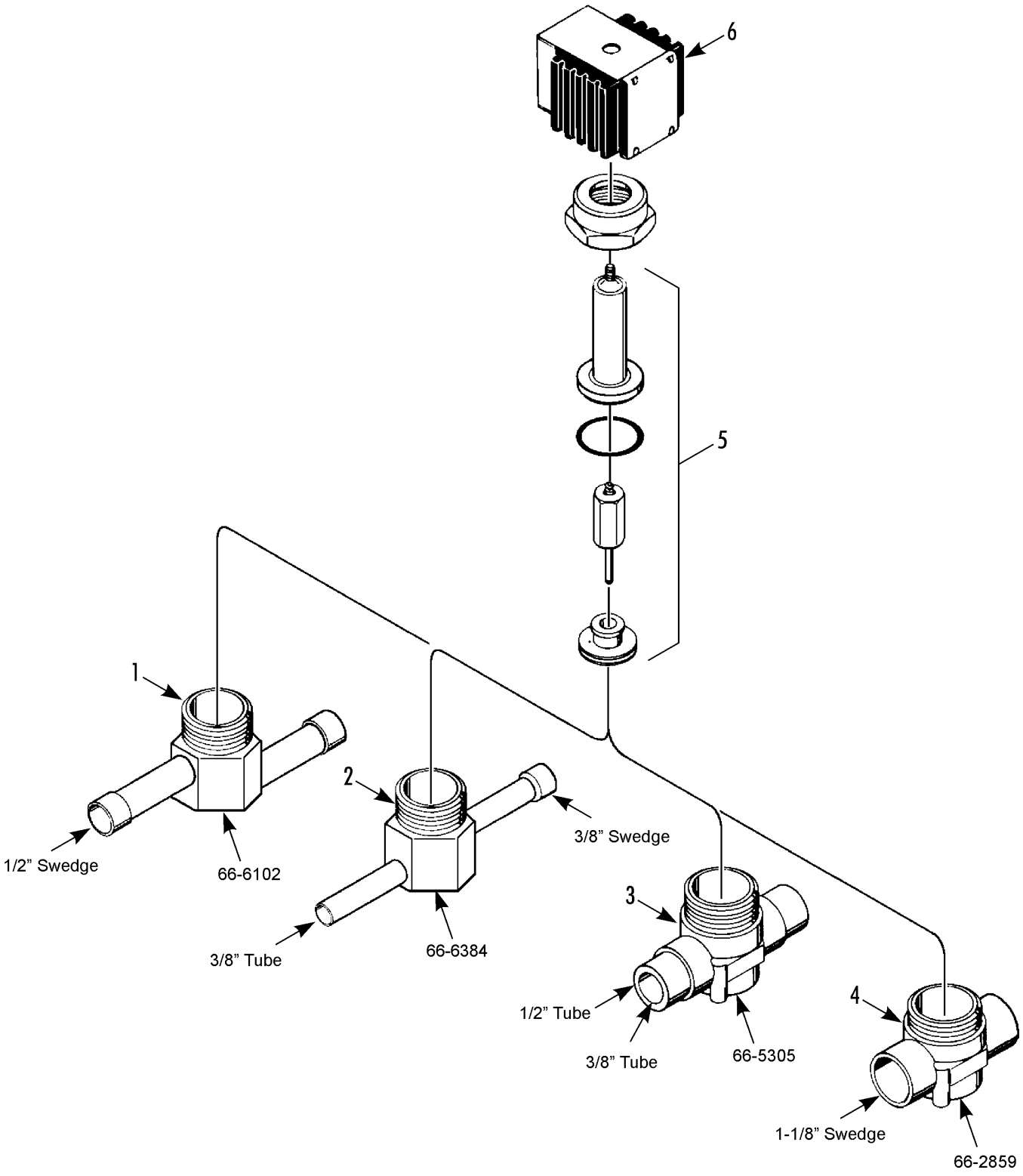
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 49 | 55-6805 | *SCREW (2 in lg) | 12 |
| 50 | 55-6806 | *SCREW (2-5/8 in lg) | 8 |
| 51 | 55-6804 | *WASHER - sealing | 20 |
| 52 | 33-2019 | *O-RING | 20 |
| 53 | 22-297 | *SLEEVE - cylinder | 4 |
| 54 | 33-408 | *O-RING | 4 |
| 55 | 22-990 | *PLATE - valve | 4 |
| 56 | 55-6750 | *PLUG - oil fill | 1 |
| | 66-8043 | *PLUG - oil fill (use with compr oil filter tube) | 1 |
| 57 | 22-306 | *SCREEN - suction | 1 |
| 58 | 33-1221 | *O-RING | 1 |
| 59 | 22-653 | *VALVE - check | 2 |
| 60 | 22-787 | *VALVE - check (oil return) | 1 |
| 61 | 22-568 | *VALVE - check | 2 |
| 62 | 22-1101 | *SEAL - crankshaft (for 1-3/16 dia crankshaft) | 1 |
| 63 | 33-2513 | *GASKET - drive end | 1 |
| 64 | 22-1028 | *PLATE - crankshaft cover | 1 |
| 65 | 55-9106 | *SCREW - housing | 9 |
| | 55-896 | *FLATWASHER | 9 |
| 66 | 99-6545 | *PLATE - suction inlet | 1 |
| 67 | 55-329 | *SCREW - plate | 4 |
| 68 | 11-2886 | *VALVE (Schrader) | 1 |
| | 11-7777 | *CORE - valve | 1 |
| | 55-5672 | *CAP - valve | 1 |
| 69 | 91-5630 | *PLATE - cover | 1 |
| 70 | 91-9858 | *PLATE - cover (w/ lifting hole) | 1 |
| 71 | 33-2805 | *GASKET - manifold | 1 |
| 72 | 55-329 | *SCREW - plate | 4 |
| 73 | 33-3103 | *GASKET - manifold | 1 |
| | 203-513 | OIL - compressor (use w/ R134a, R404A) | A/R |
| | 30-243 | KIT - gasket | 1 |


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| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 67-2405 | TANK - receiver (100mm dia) | 1 |
| | 67-2706 | TANK - receiver (127mm dia, use w/ mc (micro channel coil, TSA) | 1 |
| | 67-2707 | TANK - receiver (127mm dia, use w/ mc coil, EMEIA) | 1 |
| | 67-2708 | TANK - receiver (152mm dia, use w/ mc coil, TSA SPECTRUM) | 1 |
| | 67-2709 | TANK - receiver (152mm dia, use w/ mc coil, EMEIA SPECTRUM) | 1 |
| 2 | 66-9257 | *BALL - sight glass | 1 |
| 3 | 33-2419 | *O-RING | 1 |
| 4 | 67-2668 | *INDICATOR - liquid | 1 |
| 5 | 66-7392 | *VALVE - relief | 1 |
| 6 | 55-7348 | NUT - receiver tank | 2 |
| 7 | 55-7347 | LOCKWASHER | 2 |
| 8 | 55-8536 | FLATWASHER | 2 |

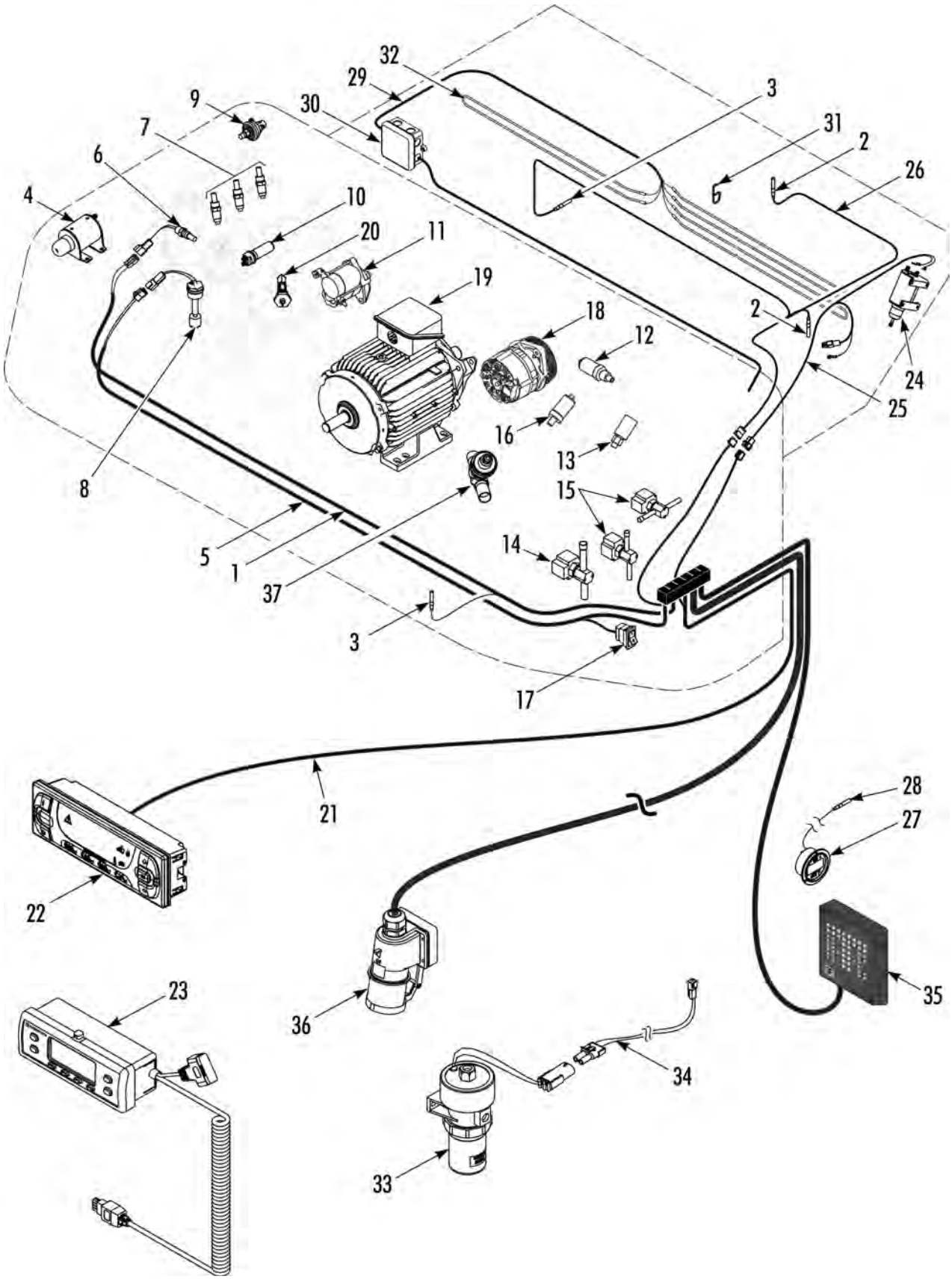

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| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 61-800 | DEHYDRATOR (inc o-rings) | 1 |
| 2 | 33-1015 | *O-RING | 2 |
| 3 | 55-8268 | SHOULDER | 2 |
| 4 | 55-8267 | NUT - shoulder | 2 |
| 5 | 33-4984 | PAD - dehydrator | 1 |
| 6 | 92-7545 | CLAMP - dehydrator | 1 |
| | 55-7035 | SCREW - clamp | 2 |
| | 55-7075 | FLATWASHER | 2 |
| | 55-7170 | LOCKWASHER | 2 |
| | 55-9084 | INSERT - threaded | 2 |

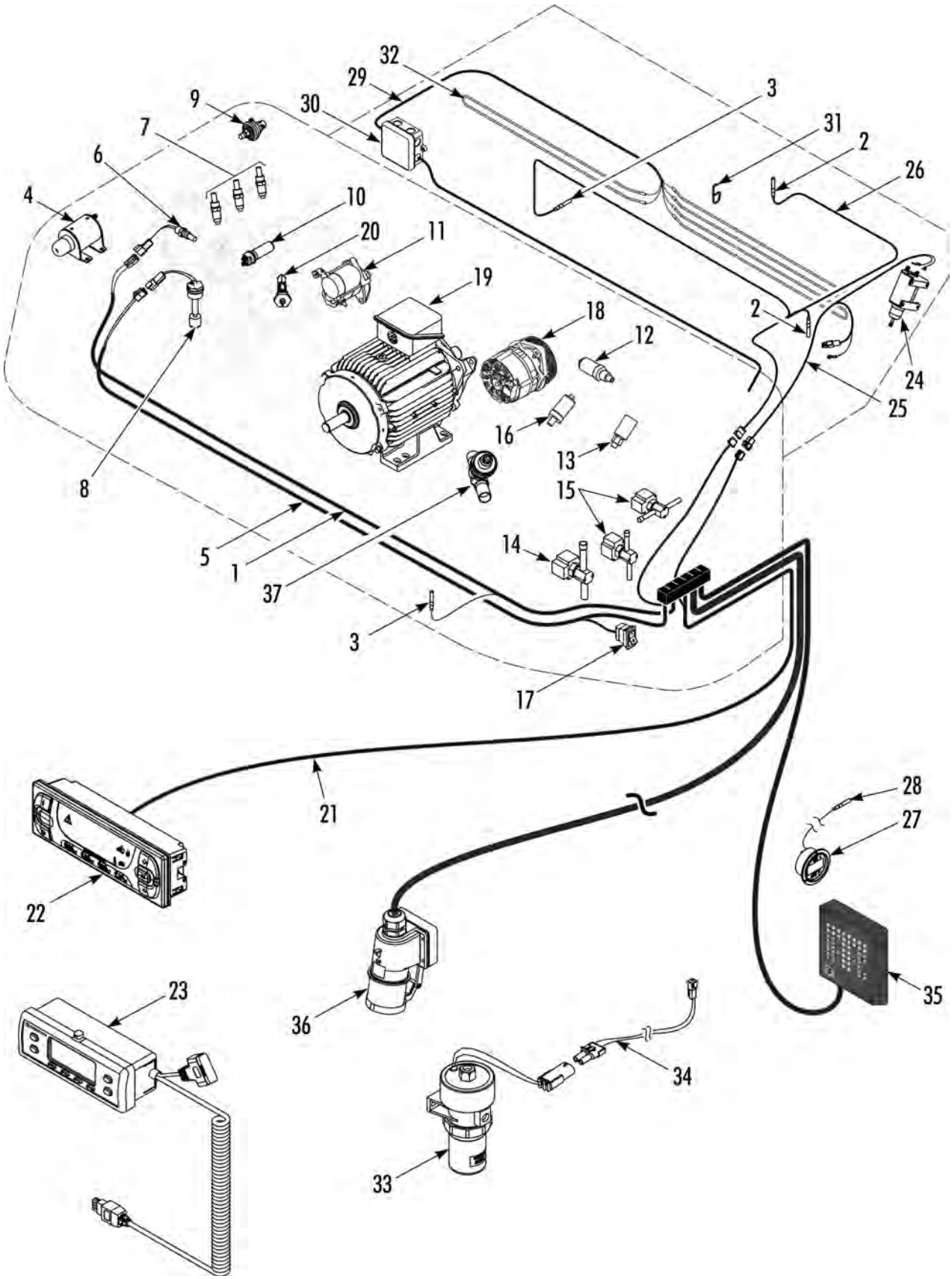

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1/2” Swedge
66-6102
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3/8” Swedge
3/8” Tube
66-6384
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1/2” Tube
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66-5305
4
1-1/8” Swedge
66-2859

# SOLENOID VALVE - NORMALLY CLOSED 116G10

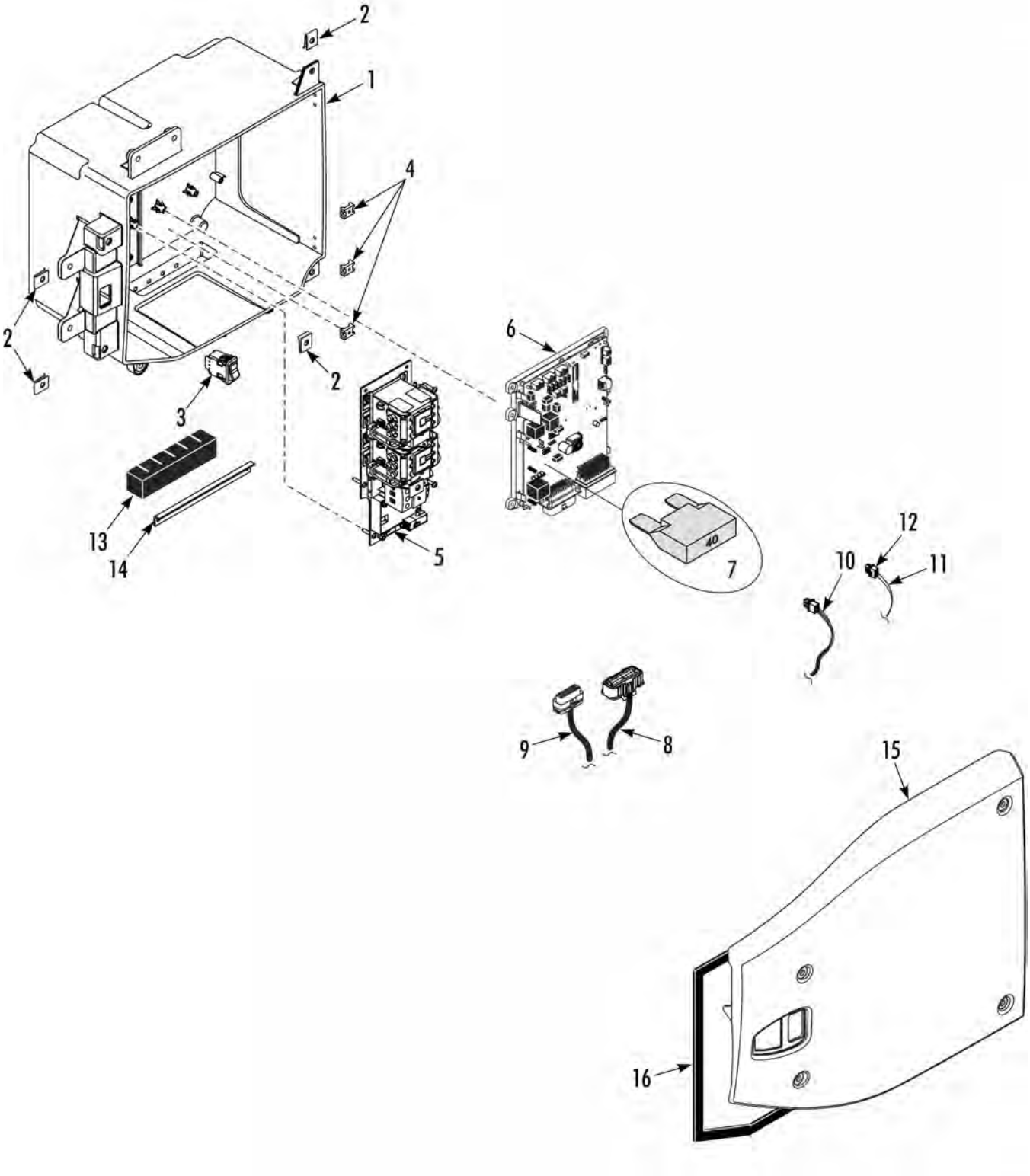
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 66-6102 | VALVE - solenoid | 1 |
| 2 | 66-6384 | VALVE - solenoid | 1 |
| 3 | 66-5305 | VALVE - solenoid | 1 |
| 4 | 66-2859 | VALVE - solenoid | 1 |
| 5 | 60-181 | *KIT - repair | 1 |
| 6 | 41-3681 | *COIL | 1 |
| | 55-3029 | SCREW - valve | 2 |
| | 55-2201 | FLATWASHER | 2 |
| | 55-2202 | LOCKWASHER | 2 |


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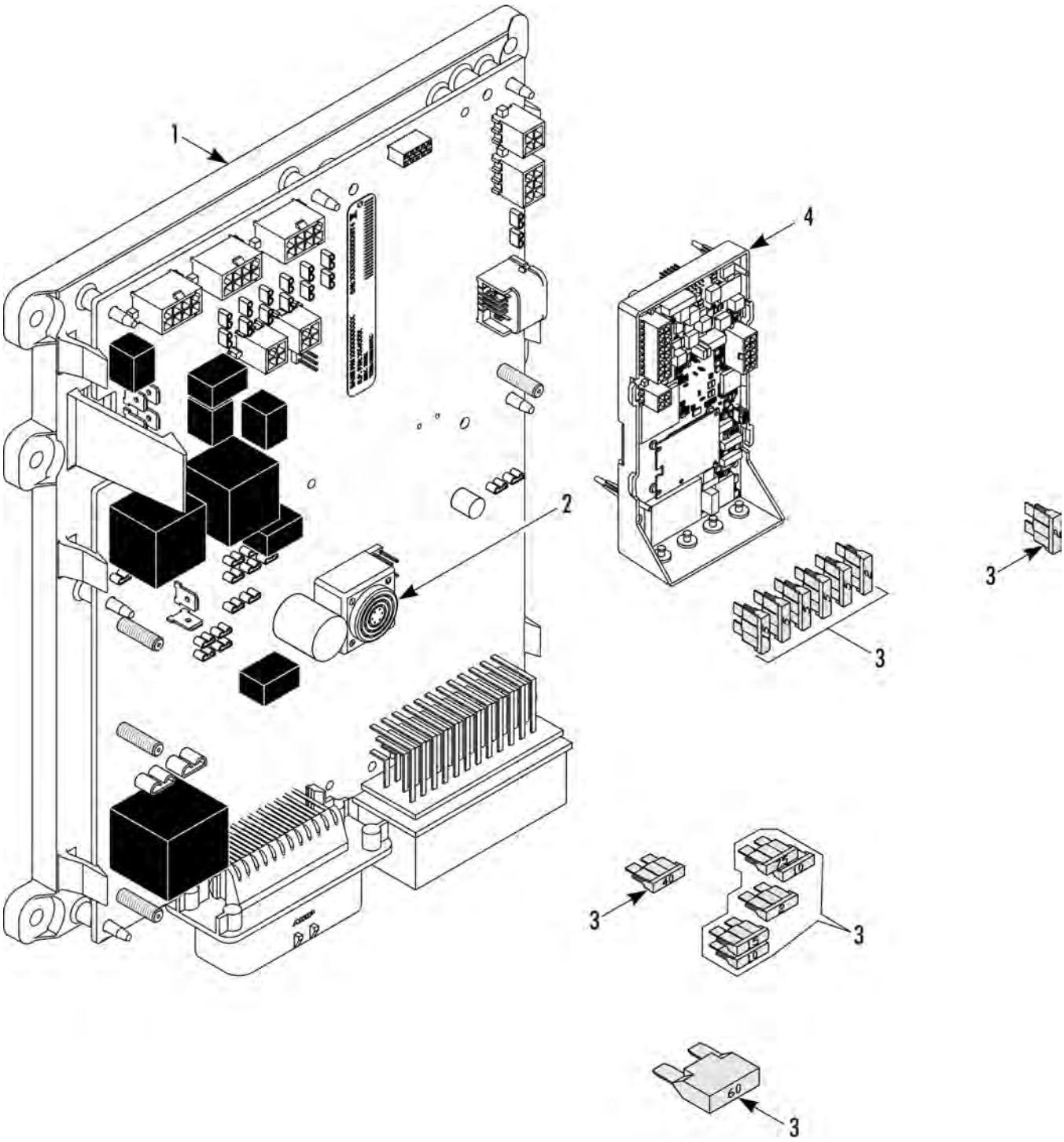
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 41-8698 | HARNESS - sensor (see 236D1) | 1 |
| 2 | 40-974 | KIT - sensor (graded) | 2 |
| 3 | 40-975 | KIT - sensor (ungraded) | 2 |
| 4 | 41-9081 | SOLENOID - throttle (see 235A4) | 1 |
| 5 | 42-155 | HARNESS - main (SR-3, see 235F3) | 1 |
| 6 | 41-6538 | SENSOR - temperature (engine coolant) | 1 |
| 7 | 42-916 | GLOW PLUG (see 267C2) | 3 |
| 8 | 41-4470 | SWITCH - oil level | 1 |
| 9 | 41-7064 | SENSOR - oil pressure | 1 |
| 10 | 44-9298 | SENSOR - rpm | 1 |
| 11 | 45-1718 | STARTER | 1 |
| | 45-2326 | STARTER (standard life plus) | 1 |
| 12 | 41-3847 | SWITCH - hpco | 1 |
| 13 | 41-7963 | TRANSDUCER - suction (200psi) | 1 |
| 14 | 61-4861 | VALVE - condenser inlet (recip compressor) | 1 |
| | 61-2950 | VALVE - condenser inlet (scroll compressor) | 1 |
| 15 | 66-6384 | VALVE - hot gas & purge (see 116G10) | 2 |
| 16 | 41-7962 | TRANSDUCER - discharge (500psi) | 1 |
| 17 | 41-8737 | SWITCH - on/off (rocker) | 1 |
| 18 | 45-2255 | ALTERNATOR (37 amp, see 238D0) | 1 |
| | 45-2498 | ALTERNATOR (37 amp) | 1 |
| 19 | 104-801 | MOTOR (T-680/880, 7.2 hp, see 261H7) | 1 |
| | 104-791 | MOTOR (T-1080, 12 hp, see 236B3) | 1 |
| 20 | 42-427 | SENSOR - coolant level | 1 |
| 21 | 41-8742 | HARNESS - HMI controller (10 M, standard, see 238B7) | 1 |
| | 42-644 | HARNESS - HMI controller (12 M, standard, see 238B7) | 1 |
| | 41-5813 | HARNESS - HMI controller (10 M, premium, see 238B7) | 1 |
| | 42-645 | HARNESS - HMI controller (12 M, premium, see 238B7) | 1 |
| 22 | 45-2376 | HMI - controller (standard, see 238B7) | 1 |
| | 45-2385 | HMI - controller (premium, see 238B7) | 1 |
| 23 | 204-1916 | TOOL - controller diagnostic | 1 |
| 24 | 44-2823 | SOLENOID - damper (see 242G5) | 1 |
| 25 | 41-8695 | HARNESS - evaporator (see 235F3) | 1 |


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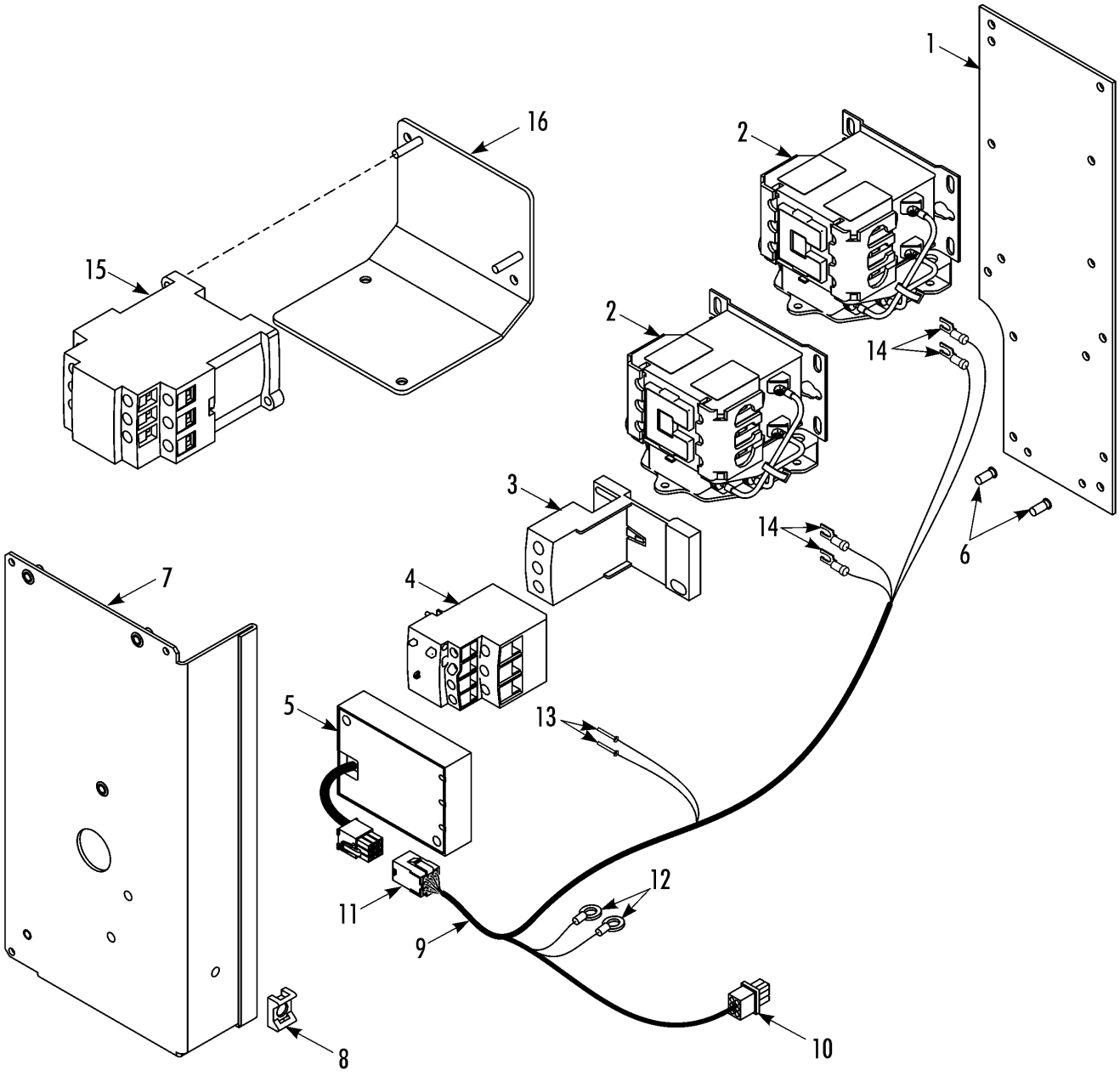
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 26 | 41-8696 | HARNESS - sensor (evaporator, see 236D1) | 1 |
| 27 | 41-2590 | THERMOMETER - digital LED (F, optional, TSA) | 1 |
| | 41-2591 | THERMOMETER - digital LED (C, optional, TSA) | 1 |
| 28 | 44-5234 | SENSOR - thermometer (120 in, optional, TSA) | 1 |
| 29 | 41-8871 | CABLE - heater | 1 |
| 30 | 44-7354 | BOX - junction | 1 |
| 31 | 91-240 | RETAINER - heater | 12 |
| 32 | 45-1374 | HEATER | 3 |
| 33 | 41-7059 | PUMP - fuel (12V) | 1 |
| 34 | 41-3664 | HARNESS - fuel pump (190.0 in) | 1 |
| | 42-643 | HARNESS - fuel pump (266.0 in) | 1 |
| 35 | 40-980 | DISPLAY - remote light (optional, see 226E6) | 1 |
| 36 | NSS | RECEPTACLE - power inlet (TSA, see 236D3) | 1 |
| 37 | 61-4525 | VALVE - pressure regulator (electric) | 1 |
| | 40-1029 | *KIT - valve repair | 1 |


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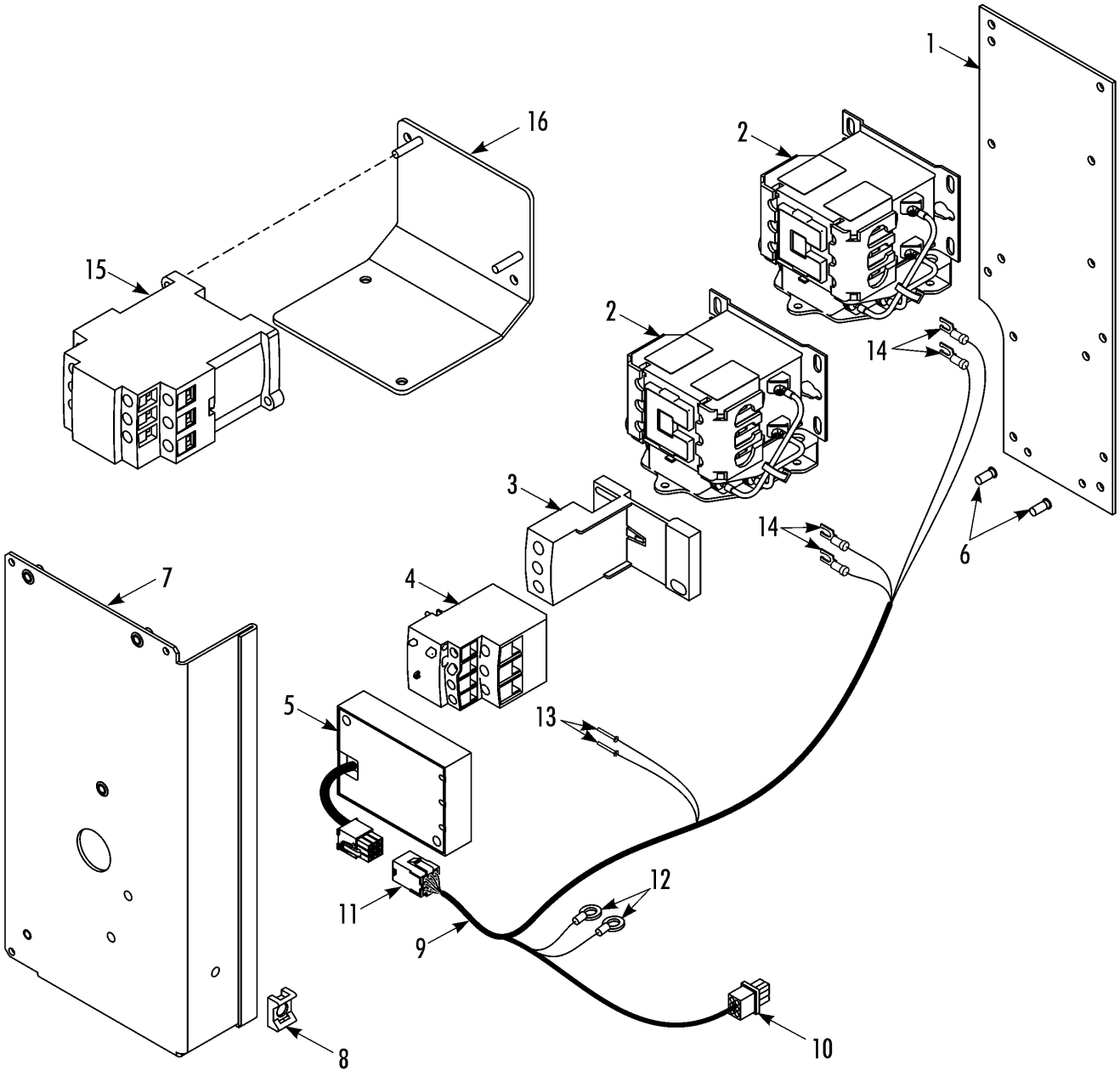
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 98-8222 | BOX - control | 1 |
| 2 | 55-4318 | NUT - u | 4 |
| 3 | 41-8737 | SWITCH - on/off (rocker) | 1 |
| 4 | 99-3281 | MOUNT - cable tie | 5 |
| | 51-1851 | SCREW - mount | 5 |
| | 55-2331 | BANDWRAP (4.0 dia) | A/R |
| | 55-2330 | BANDWRAP (1.75 dia) | A/R |
| | 55-2332 | BANDWRAP (0.75 dia) | A/R |
| 5 | NSS | TRAY - high voltage (see 235F2) | 1 |
| | 51-1851 | SCREW - tray | 6 |
| 6 | 45-2361 | CONTROLLER - SR-3 | 1 |
| 7 | 41-5786 | FUSE (40 AMP) | 1 |
| 8 | 42-155 | HARNESS - main | 1 |
| 9 | 41-8698 | HARNESS - sensor (see 236D1) | 1 |
| 10 | 42-156 | HARNESS - communications | 1 |
| 11 | 41-8742 | HARNESS - HMI controller (standard, see 238B7) | 1 |
| | 41-5813 | HARNESS - HMI controller (preimum, see 238B7) | 1 |
| 12 | 41-8870 | *PLUG - 8-pin (J14 & HMI) | 2 |
| | 41-5719 | *SOCKET - gold (20 ga) | 16 |
| | 41-6256 | *SEAL - wire | 16 |
| | 33-3908 | *GASKET - plug | 2 |
| 13 | 33-4503 | FOAM - wire harness | 1 |
| 14 | 92-7579 | BRACKET - harness retaining | 1 |
| | 51-1851 | SCREW - bracket | 2 |
| 15 | 98-8024 | DOOR - control box (see 236D5) | 1 |
| 16 | 33-4504 | GASKET - door | 1 |


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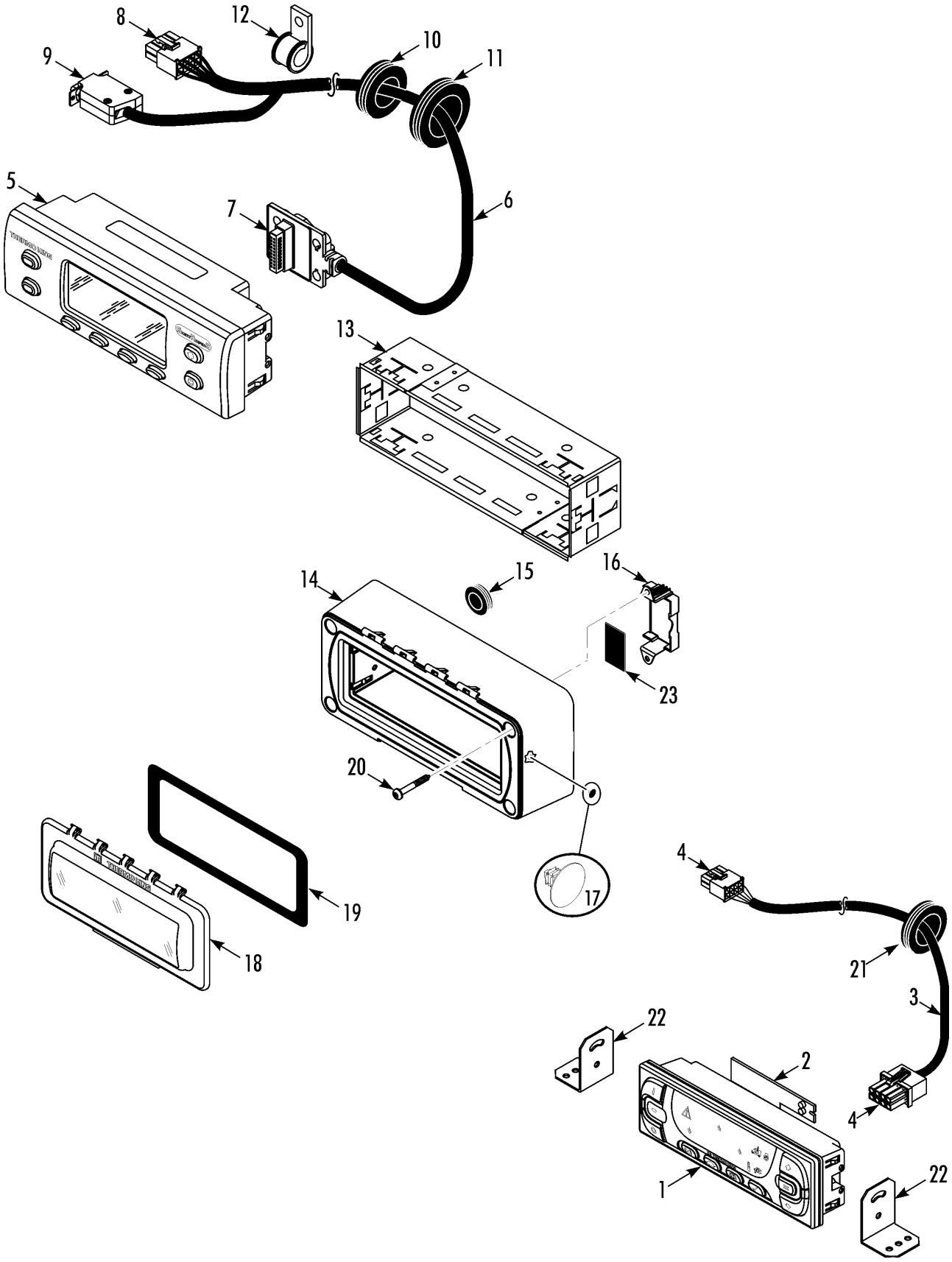
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 45-2361 | BOARD - controller (SR-3) | 1 |
| 2 | 41-8291 | *BUZZER - warning | 1 |
| 3 | 41-2543 | *FUSE (2 amp) | 3 |
| | 41-1292 | *FUSE (5 amp) | 4 |
| | 44-9359 | *FUSE (7.5 amp) | 1 |
| | 44-9758 | *FUSE (10 amp) | 2 |
| | 44-9344 | *FUSE (15 amp) | 3 |
| | 41-226 | *FUSE (40 amp) | 1 |
| | 41-3666 | *FUSE (60 amp) | 1 |
| 4 | 45-2387 | RADIO EXPANSION BOARD - iBox (see 250D0/267F5) | 1 |
| | 45-2388 | RADIO EXPANSION BOARD - iBox + cell (see 250D0) | 1 |


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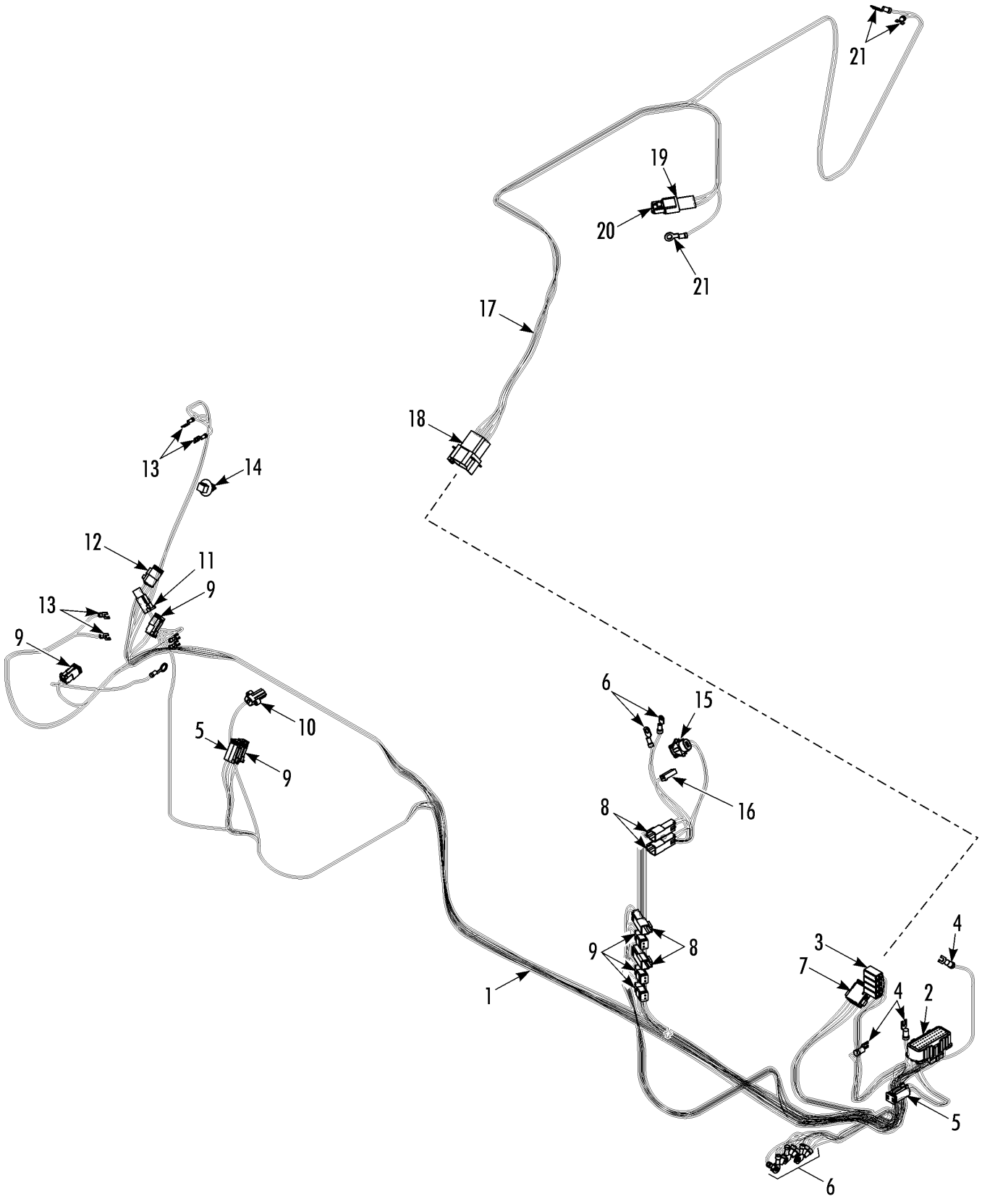
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 92-7580 | TRAY - high voltage | 1 |
| 2 | 41-7934 | CONTACTOR & TIMER | 2 |
| 3 | 41-6096 | ADAPTER - overload relay | 1 |
| 4 | 41-6409 | RELAY - overload (230/3/50-60, T-600/600R/600M/800/800R/800M) | 1 |
| | 41-6410 | RELAY - overload (400-460/3/50-60, T-600/600M/600R/800/800R) | 1 |
| | 41-6094 | RELAY - overload (230/3/50-60, T-1000/T1200R) | 1 |
| | 41-6315 | RELAY - overload (460/3/50-60, T-1000/1000 M/T1200R) | 1 |
| 5 | 42-792 | SELECTOR - phase (before 12/12) | 1 |
| | 42-792 | SELECTOR - phase (12/12 & after) | 1 |
| | 55-7862 | SCREW - components (10mm) | 5 |
| | 55-7664 | SCREW - components (16mm) | 1 |
| | 55-7700 | SCREW - components (30mm) | 2 |
| | 55-9810 | NUT - components | 8 |
| | 55-7697 | FLATWASHER | 7 |
| | 55-7369 | LOCKWASHER | 8 |
| 6 | 51-1879 | STUD - ground | 2 |
| | 51-717 | NUT | 2 |
| 7 | 92-7630 | BRACKET - shield | 1 |
| | 51-2131 | SCREW - bracket | 6 |
| 8 | 99-6093 | MOUNT - cable tie | 3 |
| | 51-1602 | RIVET - mount | 3 |
| 9 | 41-8738 | HARNESS - 50 units | 1 |
| 10 | 41-5745 | *PLUG - 6-pin (phase selector) | 1 |
| | 33-4015 | *GASKET - plug | 1 |
| | 41-5719 | *SOCKET - gold (18 ga) | 5 |
| | 41-6256 | *SEAL - wire | 5 |
| 11 | 41-7510 | *RECEPTACLE - 9-pin | 1 |
| | 41-8739 | *PIN - gold (18 ga) | 6 |
| 12 | 44-7245 | *TERMINAL - ring (red) | 1 |
| | 41-8868 | *TERMINAL - ring (blue) | 1 |
| 13 | 44-9888 | *TERMINAL - pin | 2 |
| 14 | 41-280 | *TERMINAL - fork (red) | 2 |
| | 41-8869 | *TERMINAL - fork (blue) | 2 |


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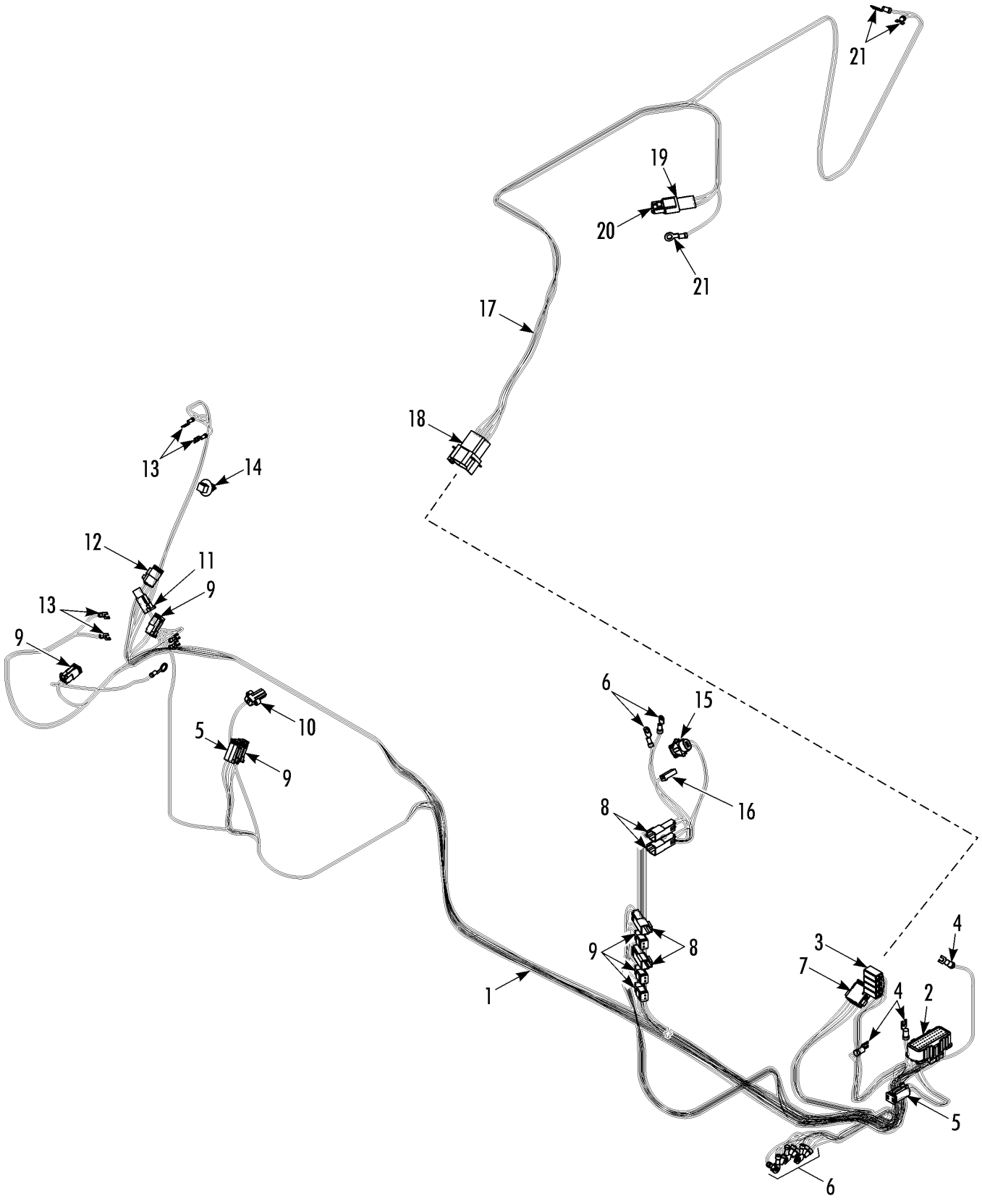
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 15 | 41-5629 | CONTACTOR - heater (optional) | 1 |
| | 55-9763 | NUT - contactor | 2 |
| 16 | 92-7555 | BRACKET - heater relay | 1 |
| | 55-7862 | SCREW - bracket | 2 |
| | 55-7369 | LOCKWASHER | 2 |
| | 55-7697 | FLATWASHER | 2 |


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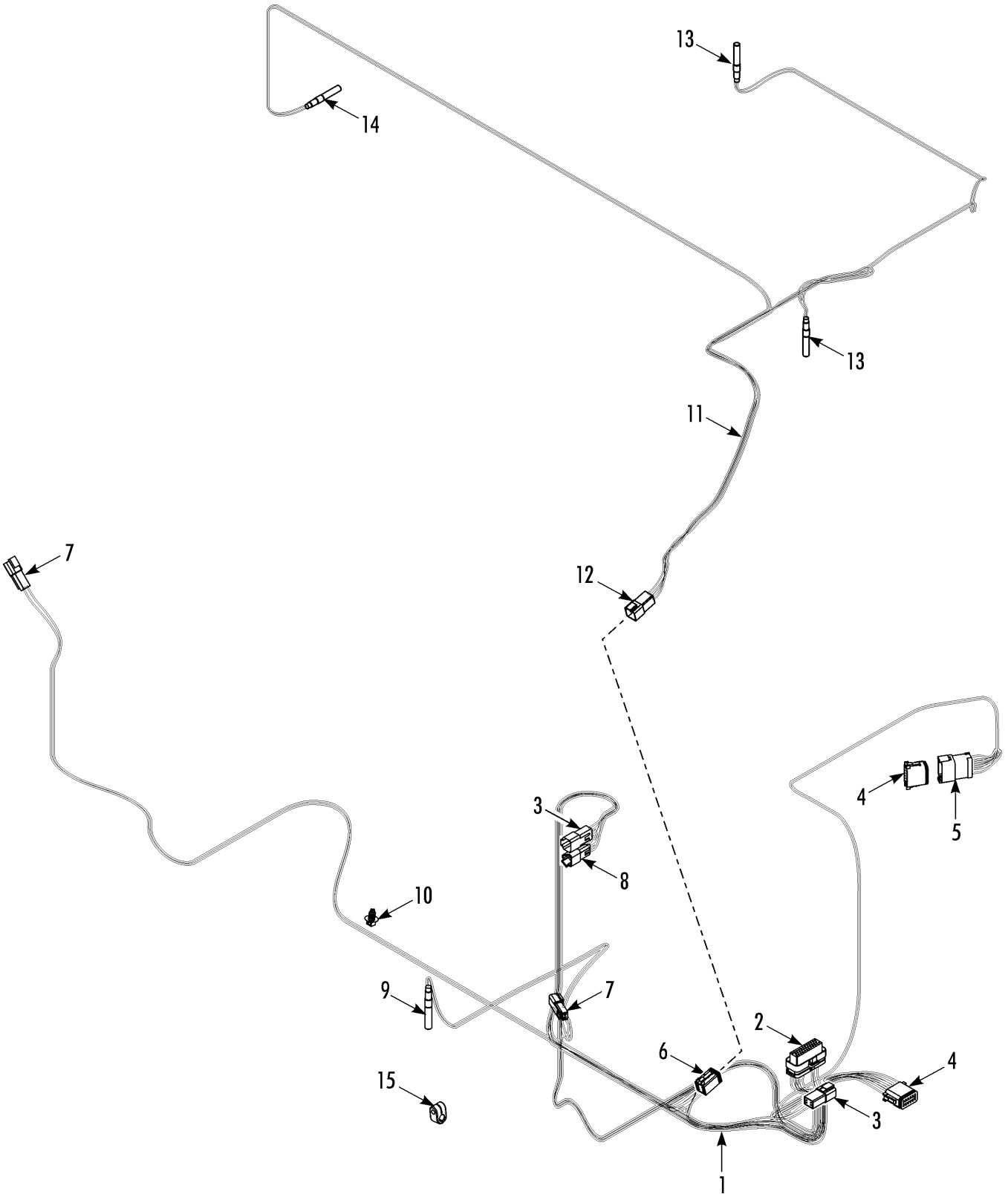
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 45-2376 | CONTROLLER - cab (standard, HMI) | 1 |
| 2 | 92-8984 | *COVER - harness | 1 |
| 3 | 41-8742 | HARNESS - HMI controller (10 M, standard) | 1 |
| | 42-644 | HARNESS - HMI controller (12 M, standard) | 1 |
| 4 | 41-8870 | *CONNECTOR - interface board (8-pin) | 2 |
| 5 | 45-2385 | CONTROLLER - cab (premium, HMI) | 1 |
| 6 | 41-5813 | HARNESS - HMI controller (10 M, premium) | 1 |
| | 42-645 | HARNESS - HMI controller (12 M, premium) | 1 |
| 7 | 41-4858 | *CONNECTOR - display (20-pin) | 1 |
| | 41-4859 | *SOCKET | 6 |
| 8 | 41-4734 | *CONNECTOR - interface board (8-pin) | 1 |
| 9 | 41-2411 | *CONNECTOR - flash loading (D-sub) | 1 |
| | 41-1217 | *COVER - connector | 1 |
| 10 | 33-3927 | *GROMMET (0.75 in) | 1 |
| 11 | 33-2110 | *GROMMET (1.0 in) | 1 |
| 12 | 55-3484 | CLAMP - harness (.312 dia) | 5 |
| | 55-6147 | CLAMP - harness (.937 dia) | 1 |
| | 55-5640 | SCREW - clamp | 6 |
| | 55-2001 | FLATWASHER | 6 |
| 13 | 92-5199 | BRACKET - din | 1 |
| 14 | 92-8104 | ENCLOSURE - HMI remote (optional) | 1 |
| 15 | 33-282 | *GROMMET | 1 |
| 16 | 92-8106 | *COVER - rear | 1 |
| 17 | 51-1966 | *CLIP - HMI controller | 4 |
| 18 | 92-8105 | *COVER - box | 1 |
| | 55-9905 | *SCREW - cover | 2 |
| 19 | 33-4541 | *GASKET - cover | 1 |
| 20 | 51-801 | *SCREW - box | 4 |
| 21 | 33-2110 | GROMMET (1.0 in) | 1 |
| 22 | 91-4308 | BRACKET - in-cab controller | 2 |
| | 55-5636 | SCREW - bracket | 4 |
| | 55-2201 | FLATWASHER | 4 |
| 23 | 33-4799 | GASKET - sealing | 1 |


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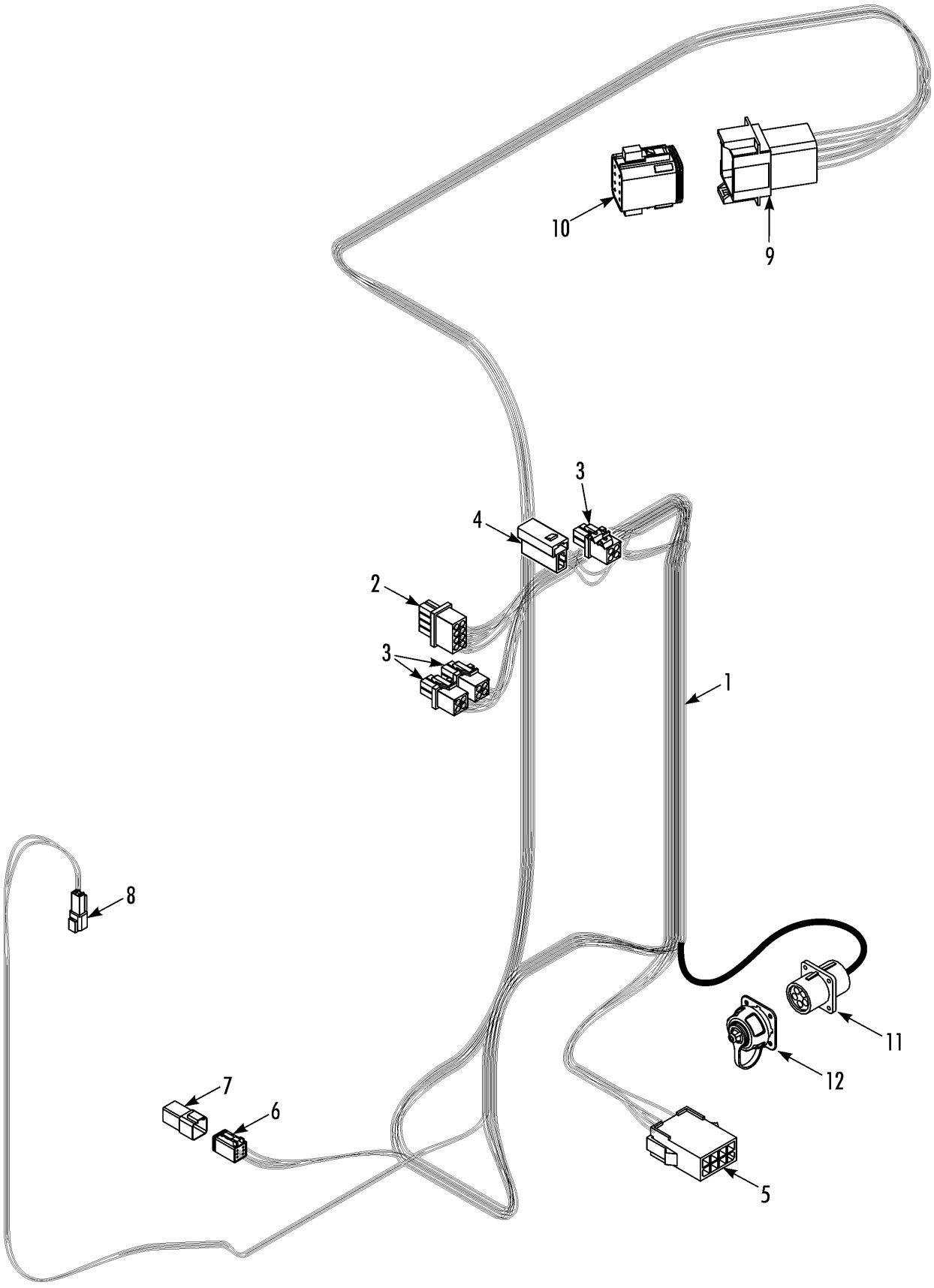
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 41-8697 | HARNESS - main (SR-2, before 8/11) | 1 |
| | 42-155 | HARNESS - main (SR-3, 8/11 & after) | 1 |
| 2 | 44-9768 | *RECEPTACLE - 36-pin (J7) | 1 |
| | 44-9769 | *LOCK - receptacle | 1 |
| | 44-9855 | *TERMINAL | 28 |
| 3 | 44-5719 | *CONNECTOR - 8-pin (J15) | 1 |
| | 44-5630 | *TERMINAL | 6 |
| 4 | 44-5087 | *TERMINAL - fork (yellow #10, 10-12 ga) | 3 |
| 5 | 41-8736 | *PLUG - 4-pin (sensor & ETV) | 2 |
| | 41-8815 | *WEDGE - 4-pin | 2 |
| | 41-8816 | *SOCKET - gold (sensor connector, 18 ga) | 4 |
| | 44-9587 | *SOCKET (18 ga) | 4 |
| 6 | 44-2793 | *TERMINAL - ring (1/4 yellow) | 7 |
| | 41-8817 | *TERMINAL - ring (1/4 blue) | 2 |
| 7 | 41-8758 | *PLUG - 8-pin (sensor harness) | 1 |
| | 41-8759 | *WEDGE - 8-pin | 1 |
| | 44-9593 | *SOCKET (14-16 ga) | A/R |
| | 44-9587 | *SOCKET (18 ga) | A/R |
| 8 | 41-8818 | *RECEPTACLE - 2-pin | 4 |
| | 41-8819 | *WEDGE - 2-pin | 4 |
| | 44-9597 | *PIN - (14-16 ga) | 4 |
| | 44-9591 | *TERMINAL - pin (16-18 ga) | 2 |
| | 41-8821 | *PIN - gold (18 ga) | 2 |
| 9 | 41-8733 | *PLUG - 2-pin | 6 |
| | 41-8820 | *WEDGE - 2-pin | 6 |
| | 44-9593 | *SOCKET (14-16 ga) | 2 |
| | 44-9587 | *SOCKET (18 ga) | 10 |
| 10 | 41-7619 | *COVER - terminal (starter) | 1 |
| | 41-7620 | *TERMINAL | 1 |
| | 41-8822 | *SEAL - connector | 1 |
| 11 | 41-4857 | *PLUG - 1-pin (glow plug) | 1 |
| | 44-9836 | *SOCKET (12-14 ga) | 1 |
| 12 | 41-8734 | *PLUG - 3-pin (fuel solenoid) | 1 |


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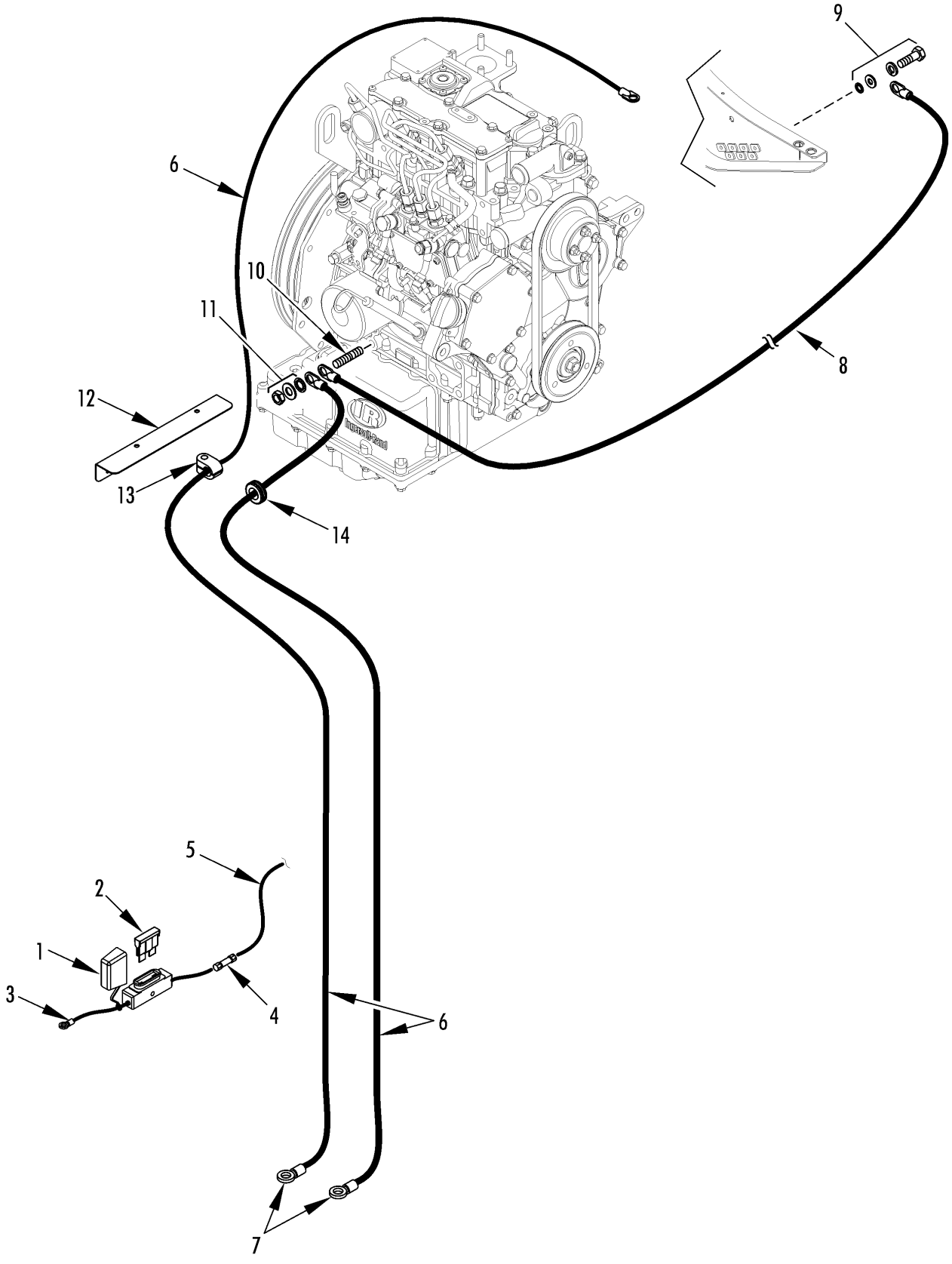
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| | 41-8823 | *WEDGE - 3-pin | 1 |
| | 44-9593 | *SOCKET (14-16 ga) | 3 |
| 13 | 44-2788 | *TERMINAL - fork (22-16 ga red) | 4 |
| 14 | 51-1768 | *MOUNT - cable (fir tree) | 8 |
| 15 | 44-9607 | *CONNECTOR - alternator (sense & exc) | 1 |
| | 41-277 | *TERMINAL - female | 2 |
| 16 | 44-6381 | *CONNECTOR - alternator (W wire) | 1 |
| | 44-5066 | *TERMINAL - female (18-14 ga) | 1 |
| 17 | 41-8695 | HARNESS - evaporator | 1 |
| 18 | 41-8826 | *RECEPTACLE - 8-pin | 1 |
| | 41-8827 | *WEDGE - 8-pin | 1 |
| | 44-9597 | *PIN (14-16 ga) | 6 |
| 19 | 41-8824 | *RECEPTACLE - 3-pin (door switch) | 1 |
| | 41-8825 | *WEDGE - 3-pin | 1 |
| | 44-9597 | *PIN (14-16 ga) | 3 |
| 20 | 41-8734 | *PLUG - 3-pin (sealing) | 1 |
| | 41-8823 | *WEDGE - 3-pin | 1 |
| | 44-9602 | *PIN - sealing | 5 |
| 21 | 44-2789 | *TERMINAL - ring (16-14 1/4) | 1 |
| | 41-9022 | *TERMINAL - fork (16-14 #8) | 2 |


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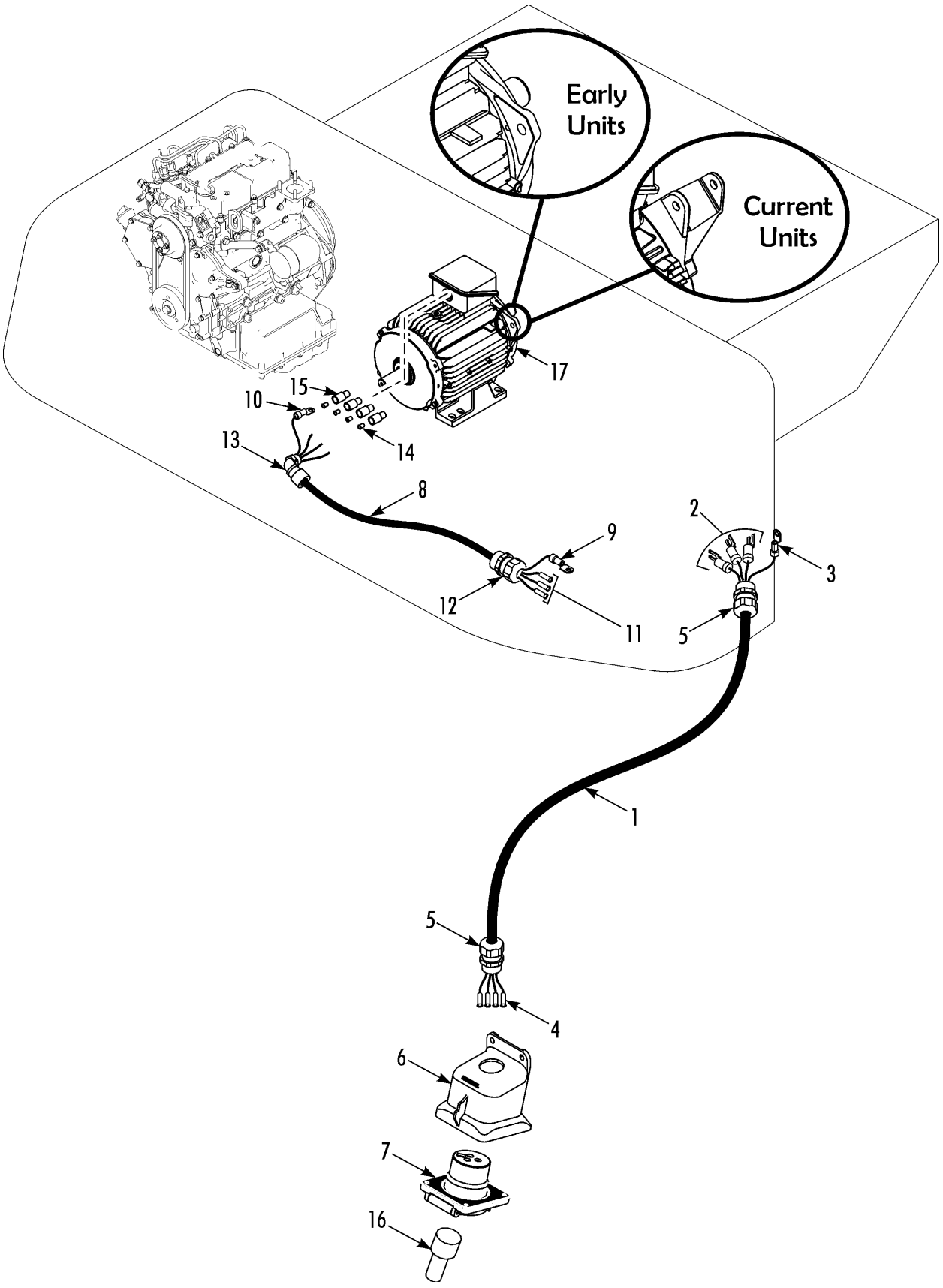
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 41-8698 | HARNESS - sensor (condenser) | 1 |
| 2 | 41-2407 | *PLUG - 35-pin | 1 |
| | 41-2457 | *TERMINAL - socket | 14 |
| 3 | 41-8735 | *RECEPTACLE - 4-pin (main harness & suction transducer) | 2 |
| | 41-8833 | *WEDGE - 4-pin | 2 |
| | 41-8821 | *PIN - gold (18 ga) | 7 |
| | 44-9602 | *PIN - sealing | 1 |
| 4 | 41-7585 | *PLUG - 12-pin (DAS) | 2 |
| | 41-7586 | *WEDGE - 12-pin | 2 |
| | 44-9587 | *SOCKET (18 ga) | 12 |
| | 44-9602 | *PIN - sealing | 12 |
| 5 | 41-8834 | *RECEPTACLE - 12-pin (DAS) | 1 |
| | 41-8835 | *WEDGE - 12-pin | 1 |
| | 44-9591 | *TERMINAL - pin (16-18 ga) | 12 |
| 6 | 41-8829 | *PLUG - 6-pin (evap sensor harness) | 1 |
| | 41-8836 | *WEDGE - 6-pin | 1 |
| | 41-8816 | *SOCKET - gold (18 ga) | 6 |
| 7 | 41-8818 | *RECEPTACLE - 2-pin (water & compr temp sensor) | 2 |
| | 41-8819 | *WEDGE - 2-pin | 2 |
| | 41-8821 | *PIN - gold (18 ga) | 4 |
| 8 | 41-8824 | *RECEPTACLE - 3-pin (discharge pressure transducer) | 1 |
| | 41-8825 | *WEDGE - 3-pin | 1 |
| | 41-8821 | *PIN - gold (18 ga) | 3 |
| 9 | 40-975 | *KIT - sensor (ungraded) | 1 |
| 10 | 51-1768 | *MOUNT - cable (fir tree) | 4 |
| 11 | 41-8696 | HARNESS - sensor (evaporator) | 1 |
| 12 | 41-8831 | *RECEPTACLE - 6-pin | 1 |
| | 41-8830 | *WEDGE - 6-pin | 1 |
| | 41-8832 | *PIN - gold (18 ga) | 6 |
| 13 | 40-974 | *KIT - sensor (graded) | 2 |
| 14 | 40-975 | *KIT - sensor (ungraded) | 1 |
| 15 | 55-6388 | CLAMP - sensor | 3 |
| | 55-8316 | SCREW - clamp | 3 |


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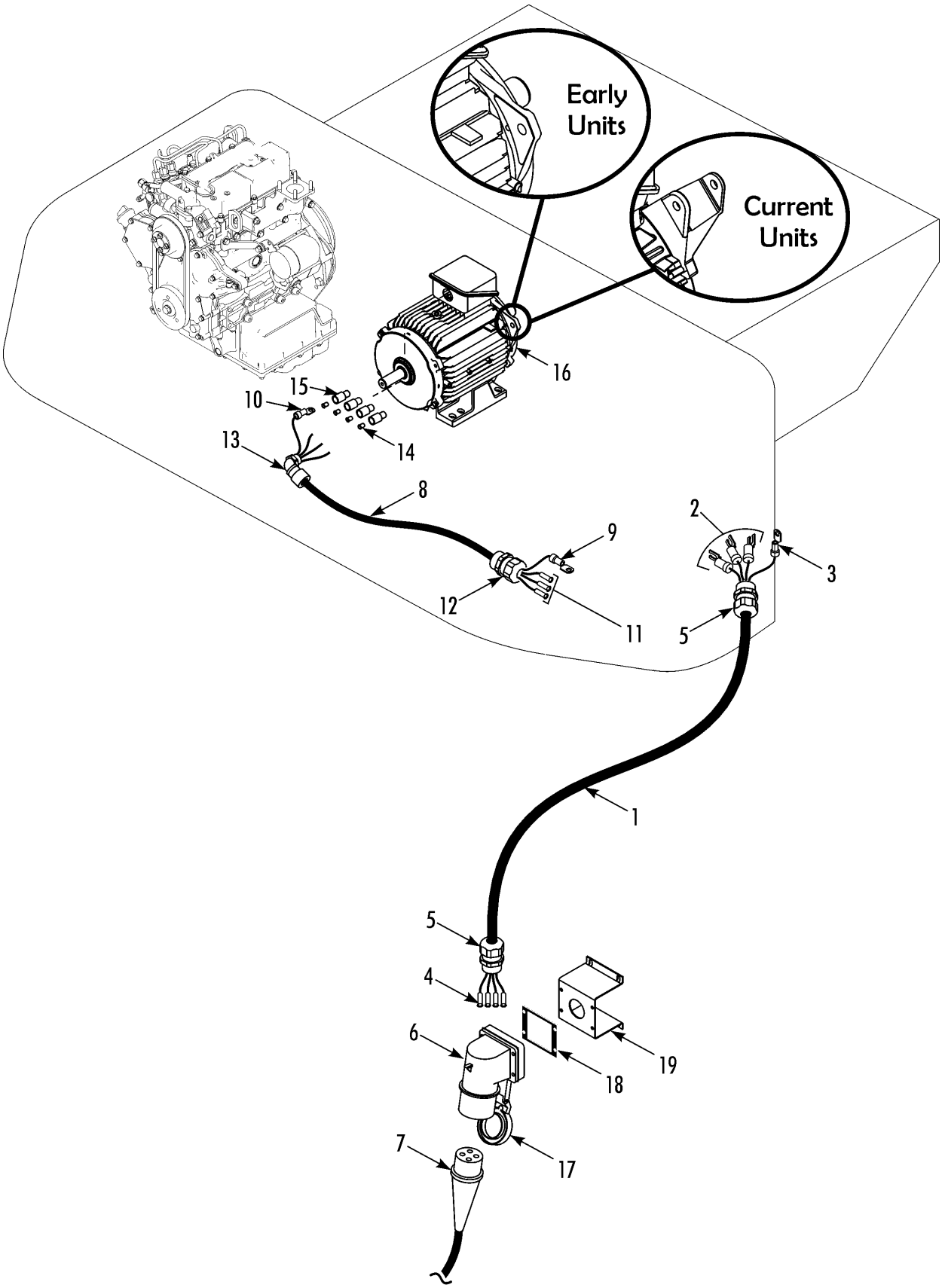
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 42-156 | HARNESS - communications (SR-3, 8/11 & after) | 1 |
| 2 | 41-5709 | *RECEPTACLE - 8-pin (J13) | 1 |
| | 33-3908 | *GASKET - 8-pin receptacle | 1 |
| 3 | 41-5710 | *RECEPTACLE - 4-pin (J8, J9, J10) | 3 |
| | 33-3909 | *GASKET - 4-pin receptacle | 3 |
| | 41-5719 | *SOCKET - gold (16-20 ga) | 16 |
| | 41-6256 | *SEAL - socket | 16 |
| 4 | 44-5219 | *CONNECTOR - 2-pin (J4) | 1 |
| | 44-5630 | *TERMINAL - fingrip | 2 |
| 5 | 41-8828 | *RECEPTACLE - 8-pin (DAS) | 1 |
| | 41-8739 | *PIN (16-20 ga) | 6 |
| | 41-6256 | *SEAL - pin | 6 |
| 6 | 41-8829 | *PLUG - 6-pin (status light or thermometer) | 1 |
| | 41-8836 | *WEDGE - 6-pin | 1 |
| | 44-9587 | *SOCKET (18 ga) | 3 |
| | 44-9602 | *PIN - sealing | 3 |
| 7 | 41-8831 | *RECEPTACLE - 6-pin (sealing) | 1 |
| | 41-8830 | *WEDGE - 6-pin | 1 |
| | 44-9602 | *PIN - sealing | 6 |
| 8 | 41-8818 | *RECEPTACLE - 2-pin (on-off switch) | 1 |
| | 41-8819 | *WEDGE - 2-pin | 1 |
| | 44-9597 | *PIN (14-16 ga) | 2 |
| 9 | 41-8826 | *RECEPTACLE - 8-pin (flush mount controller) | 1 |
| | 41-8827 | *WEDGE - 8-pin | 1 |
| | 41-8832 | *PIN - gold (20 ga) | 8 |
| 10 | 41-8758 | *PLUG - 8-pin (sealing) | 1 |
| | 41-8759 | *WEDGE - 8-pin | 1 |
| | 44-9602 | *PIN - sealing | 8 |
| 11 | 41-2405 | *RECEPTACLE - 5-pin (controller download) | 1 |
| | 44-9591 | *TERMINAL - pin (16-18 ga) | 4 |
| 12 | 92-3067 | *CAP - dust | 1 |
| | 33-3865 | *GASKET - cap | 1 |


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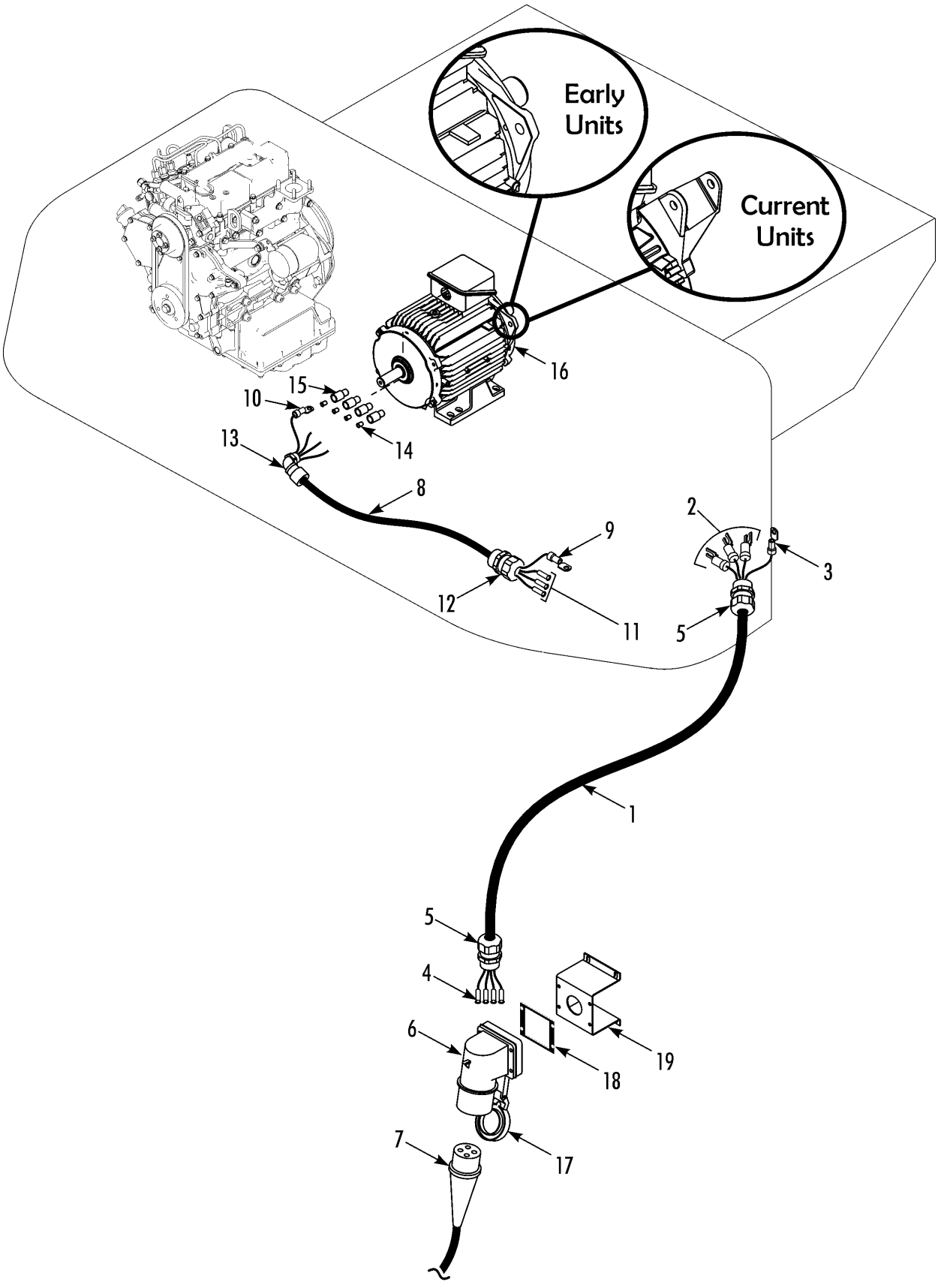
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 41-3665 | HOLDER - fuse | 1 |
| 2 | 41-3666 | FUSE (60 amp) | 1 |
| 3 | 41-8596 | TERMINAL (3/8) | 1 |
| 4 | 41-3408 | TERMINAL - splice | 1 |
| 5 | 41-8699 | CABLE - power (#2 wire, 12V) | 1 |
| 6 | 41-8597 | CABLE - battery (21 ft) | 2 |
| | 42-642 | CABLE - battery (8.4 M) | 1 |
| 7 | 41-8598 | TERMINAL - battery cable | 2 |
| 8 | 41-8701 | CABLE - ground (96 in) | 1 |
| 9 | 55-6994 | SCREW - ground | 1 |
| | 55-7075 | FLATWASHER | 1 |
| | 55-7170 | LOCKWASHER | 1 |
| 10 | 51-1614 | STUD - ground terminal | 1 |
| 11 | 55-2640 | NUT - ground | 1 |
| | 55-3996 | LOCKWASHER (internal tooth) | 1 |
| | 55-2363 | LOCKWASHER (spring) | 1 |
| | 55-2641 | FLATWASHER | 3 |
| 12 | 92-7521 | BRACKET - battery cable | 1 |
| | 92-9583 | BRACKET - battery cable (T-500R, see 259F5) | 1 |
| | 55-4606 | SCREW - bracket | 2 |
| | 55-4638 | FLATWASHER | 2 |
| | 55-7478 | LOCKWASHER | 2 |
| 13 | 55-6388 | CLAMP - cable (3/8) | 2 |
| | 92-5563 | CLAMP - cable (7/16) | 2 |
| 14 | 33-1371 | GROMMET | 2 |


Early Units
Current Units
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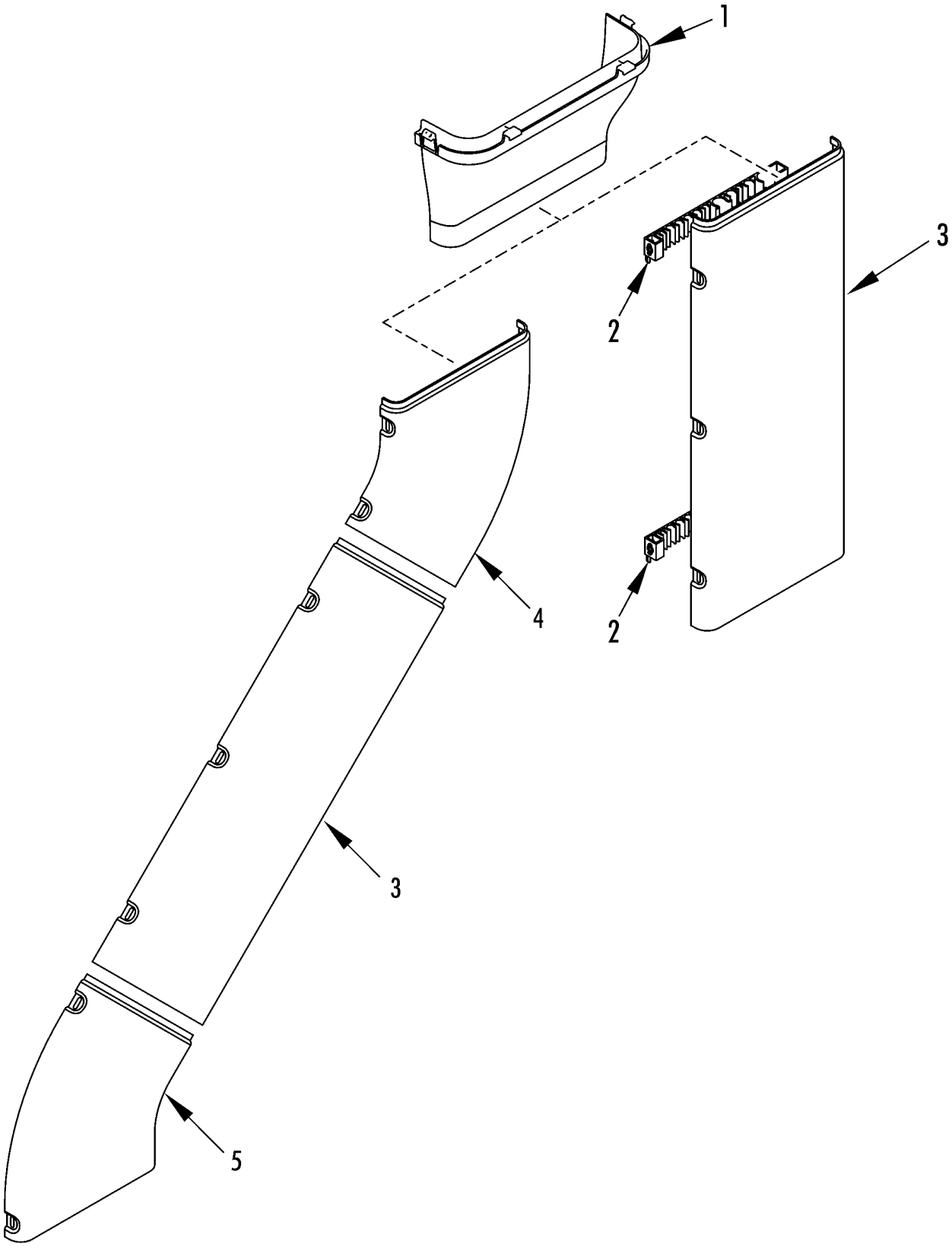
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 41-8741 | CABLE - power (TSA) | 1 |
| 2 | 41-4407 | *TERMINAL - fork (#8 yellow) | 3 |
| 3 | 44-2792 | *TERMINAL - ring (#8 yellow) | 1 |
| 4 | 44-9891 | *TERMINAL - pin (10 ga) | 4 |
| 5 | 41-4188 | *CONNECTOR - harness grip | 2 |
| | 55-2636 | *NUT - lock | 2 |
| | 41-4189 | *WASHER - sealing | 2 |
| 6 | 41-8292 | BOX - receptacle | 1 |
| 7 | 41-8293 | RECEPTACLE - power (30 amp, 230/3/60) | 1 |
| | 41-8294 | RECEPTACLE - power (20 amp, 460/3/60) | 1 |
| | 41-8275 | RECEPTACLE - power (50 amp, 230/3/60) | 1 |
| | 41-1817 | RECEPTACLE - power (Japan, 50 amp, 230/3/60) | 1 |
| 8 | 41-8740 | CABLE - motor | 1 |
| 9 | 44-2792 | *TERMINAL - ring (#8 yellow) | 1 |
| 10 | 44-2793 | *TERMINAL - ring (1/4 yellow) | 1 |
| 11 | 44-9891 | *TERMINAL - pin (10 ga) | 3 |
| 12 | 41-4188 | *CONNECTOR - harness grip | 1 |
| 13 | 51-1853 | *CONNECTOR - harness grip (90 degree) | 1 |
| | 55-2636 | NUT - lock | 2 |
| | 41-4189 | WASHER - sealing | 2 |
| 14 | 41-1105 | SLEEVE - crimp | A/R |
| 15 | 44-6646 | CAP - sleeve | A/R |
| 16 | 44-4695 | PLUG - power (30 amp, 230/3/60) | 1 |
| | 44-4700 | PLUG - power (20 amp, 460/3/60) | 1 |
| | 41-1816 | PLUG - power (50 amp, 460/3/60) | 1 |
| | 41-1817 | PLUG - power (Japan, 50 amp, 230/3/60) | 1 |
| 17 | 104-784 | MOTOR (early units, 7.2 hp) | 1 |
| | 104-801 | MOTOR (current units, 7.2 hp) | 1 |
| | 104-786 | MOTOR (early units, 12 hp) | 1 |
| | 104-791 | MOTOR (current units 12 hp) | 1 |


Early Units
Current Units
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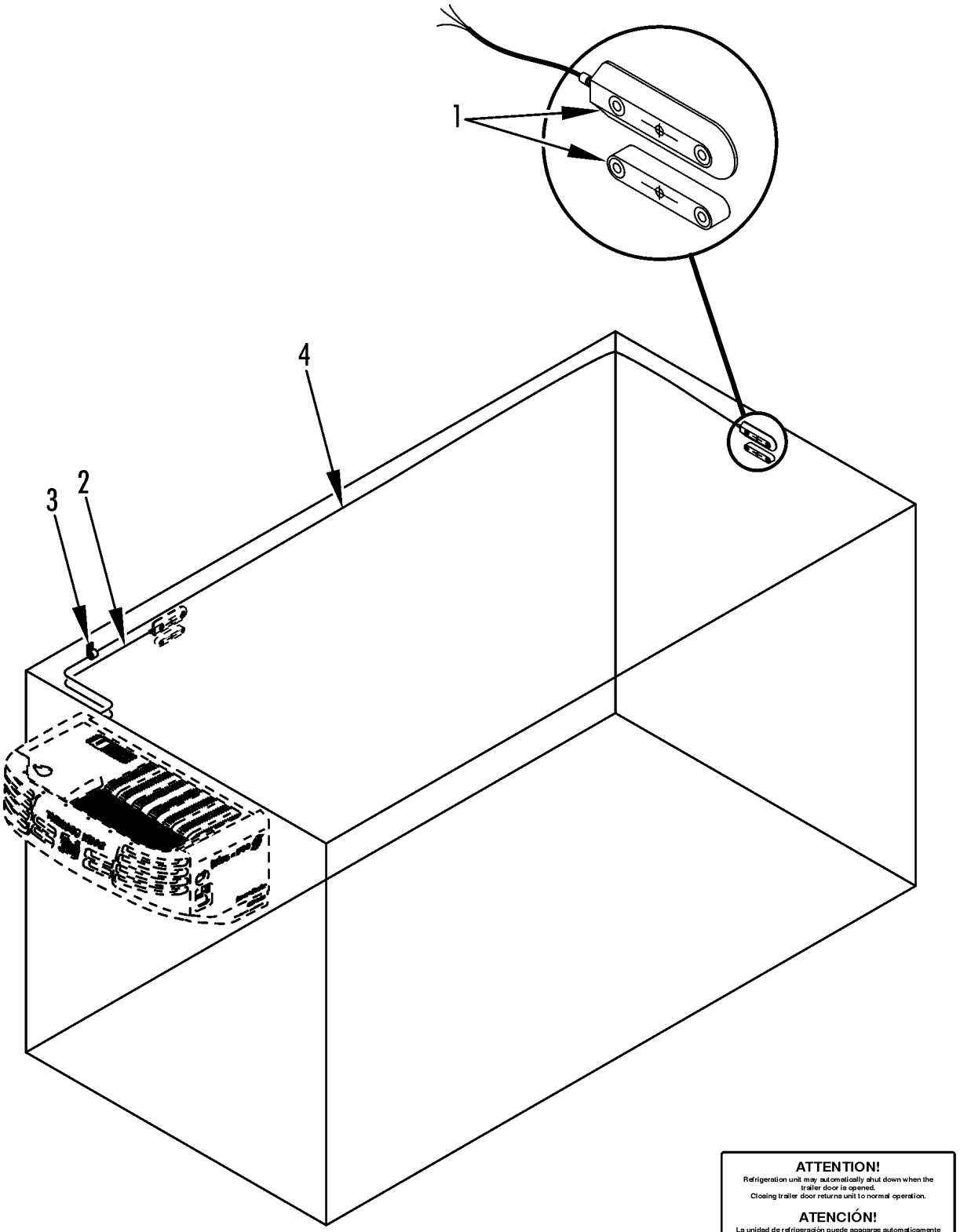
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 41-8745 | HARNESS - power (EMEIA, 4100 mm) | 1 |
| | 42-641 | HARNESS - power (EMEIA, 6100 mm) | 1 |
| 2 | 41-4407 | *TERMINAL - fork (#8 yellow) | 3 |
| 3 | 44-2792 | *TERMINAL - ring (#8 yellow) | 1 |
| 4 | 44-9891 | *TERMINAL - pin (10 ga) | 4 |
| 5 | 51-1852 | *CONNECTOR - harness grip | 2 |
| | 55-2636 | *NUT - lock | 2 |
| | 41-4189 | *WASHER - sealing | 2 |
| 6 | 41-8746 | RECEPTACLE - power (220/3/50 30 amp, 3 pole + E + N) | 1 |
| | 41-8762 | RECEPTACLE - power (380/3/50 32 amp, 3 pole + E + N) | 1 |
| | 44-6971 | RECEPTACLE - power (230/3/50 32 amp, 3 pole + E) | 1 |
| | 44-6875 | RECEPTACLE - power (380/3/50 32 amp, 3 pole + E) | 1 |
| 7 | 44-7576 | PLUG - power (230/3/50 32 amp, 3 pole + E, mates with 44-6971) | 1 |
| | 44-6685 | PLUG - power (380/3/50 32 amp, 3 pole + E, mates with 44-6875) | 1 |
| | 41-782 | PLUG - power (220/3/50 30 amp, 3 pole + E + N), mates w/ 41-8746) | 1 |
| | 41-520 | PLUG - power (380/3/50 30 amp, 3 pole + E + N), mates w/ 41-8762) | 1 |
| 8 | 42-903 | HARNESS - motor | 1 |
| 9 | 44-2792 | *TERMINAL - ring (#8 yellow) | 1 |
| 10 | 44-2793 | *TERMINAL - ring (1/4 yellow) | 1 |
| 11 | 44-9891 | *TERMINAL - pin (10 ga) | 3 |
| 12 | 51-1852 | *CONNECTOR - harness grip | 1 |
| 13 | 51-1853 | *CONNECTOR - harness grip (90 degree) | 1 |
| | 55-2636 | NUT - lock | 2 |
| | 41-4189 | WASHER - sealing | 2 |
| 14 | 41-1105 | SLEEVE - crimp | A/R |
| 15 | 44-6646 | CAP - sleeve | A/R |
| 16 | 104-784 | MOTOR (early units,  7.2 hp) | 1 |
| | 104-801 | MOTOR (current units 7.2 hp) | 1 |
| | 104-786 | MOTOR (early units, 12 hp) | 1 |
| | 104-791 | MOTOR (current units 12 hp) | 1 |
| 17 | 99-9052 | COVER - receptacle | 1 |
| 18 | 33-1697 | GASKET - receptacle | 2 |
| 19 | 92-1169 | BRACKET - receptacle | 1 |


Early Units
Current Units
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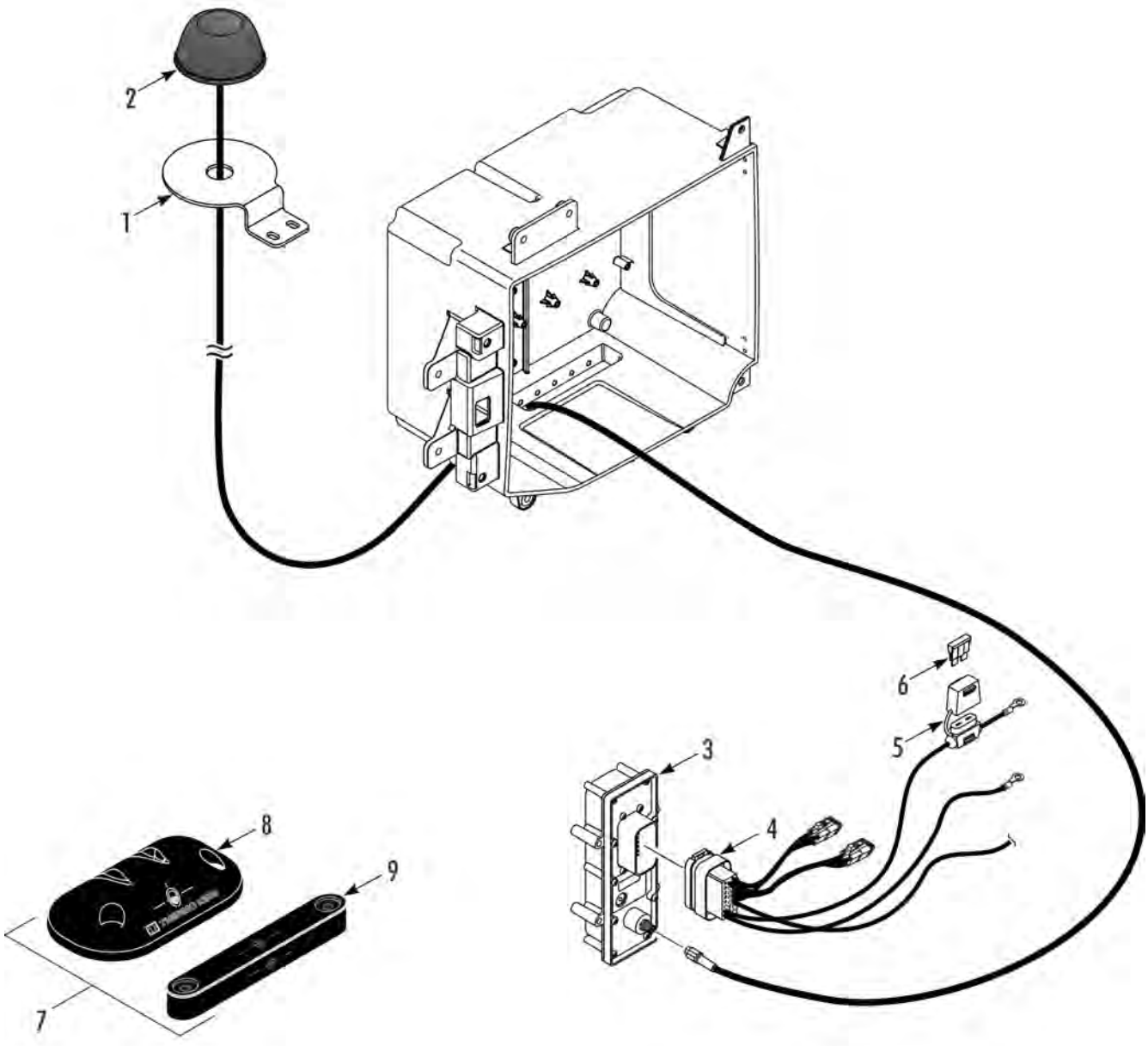
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| | 55-9695 | SCREW - receptacle to bracket | 4 |
| | 55-9763 | NUT | 4 |


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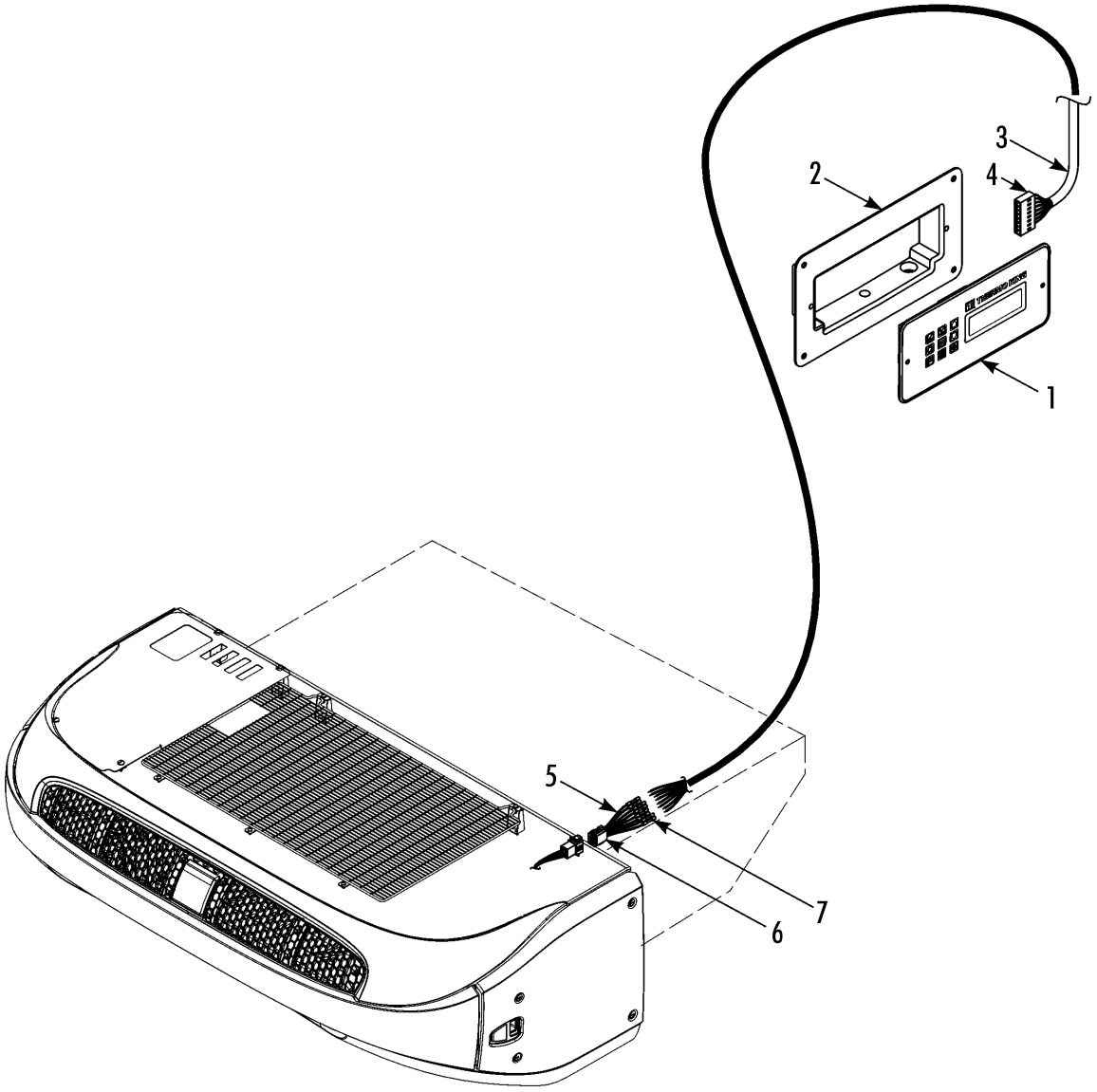
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| | 90-421 | KIT - hose management | 1 |
| 1 | 98-8213 | *COVER - hose management | 1 |
| 2 | 92-1111 | *HOLDER - hose clip | 6 |
| 3 | 92-1112 | *COVER - straight | 3 |
| | 55-3015 | *SCREW - holder & clip | 6 |
| 4 | 92-1113 | COVER - hose management (curved, TSA option) | 1 |
| 5 | 92-1114 | COVER - hose management (curved, TSA option) | 1 |


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ATTENTION!
Refrigeration unit may automatically shut down when the trailer door is opened.
Closing trailer door returns unit to normal operation.
ATENCIÓN!
La unidad de refrigeración puede apagarse automaticamente cuando se abra la puerta del trailer.
La unidad volverá a funcionar al cerrar la puerta del trailer.

| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 40-1135 | KIT - door switch (3 wire) | 2 |
| | 55-8421 | *SCREW - switch (1.0 in) | 2 |
| | 51-1321 | *SCREW - switch (3/4 in) | 2 |
| | 55-2001 | *FLATWASHER | 3 |
| 2 | 41-7281 | HARNESS - door switch (single temp or zone 1) | 1 |
| | 83-257 | *GROMMET (3/8 id) | 1 |
| 3 | 55-2536 | CLAMP - harness | 15 |
| | 55-9126 | SCREW - harness | 15 |
| 4 | 41-4753 | HARNESS - door switch (zone 2) | 1 |
| | 41-7039 | HARNESS - door switch (zone 3) | 1 |
| 5 | 92-4772 | NAMEPLATE - Door Switch | 1 |


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| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 92-9334 | BRACKET - antenna | 1 |
| | 55-4829 | SCREW - bracket | 2 |
| 2 | 42-239 | ANTENNA | 1 |
| 3 | 42-228 | CONTROLLER - coordinator | 1 |
| | 55-4829 | SCREW - controller | 2 |
| 4 | 42-240 | HARNESS - interface (SR-3) | 1 |
| | 41-9350 | *CONNECTOR - 23-pin | 1 |
| | 41-2457 | *TERMINAL - socket | 8 |
| | 41-9694 | *PIN - sealing | 15 |
| 5 | 41-5841 | *HOLDER - fuse | 1 |
| 6 | 41-2543 | *FUSE 2 amp | 1 |
| 7 | 40-1143 | KIT - door switch | A/R |
| 8 | 42-229 | *SENSOR - door | 1 |
| 9 | NSS | *MAGNET | 1 |
| | 51-1321 | *SCREW - 3/4 in | 2 |
| | 55-8421 | *SCREW - 1.0 in | 2 |
| | 55-2001 | *FLATWASHER | 4 |
| | 40-1135 | KIT - door switch (3 wire) | 1 |




**⚠ WARNING**

This system is equipped with a rear remote controller and can be turned ON from the rear remote controller. Can cause injury.

Turn Microprocessor Switch OFF before servicing the unit.

9

THIS SYSTEM IS EQUIPPED WITH A REAR REMOTE CONTROLLER AND CAN BE TURNED "ON" FROM THE REAR REMOTE CONTROLLER. SWITCH UNIT TO "OFF" BEFORE SERVICING.

DIESES SYSTEM HAT EINE FERNBEDIENUNG FÜR HINTEN UND KANN VON HINTEN "EINGESCHALTET" WERDEN. BEVOR SIE SERVICE-ARBEITEN DURCHFÜHREN MUSS DAS GERÄT STELLEN SIE ES BITTE AUF "AUS".

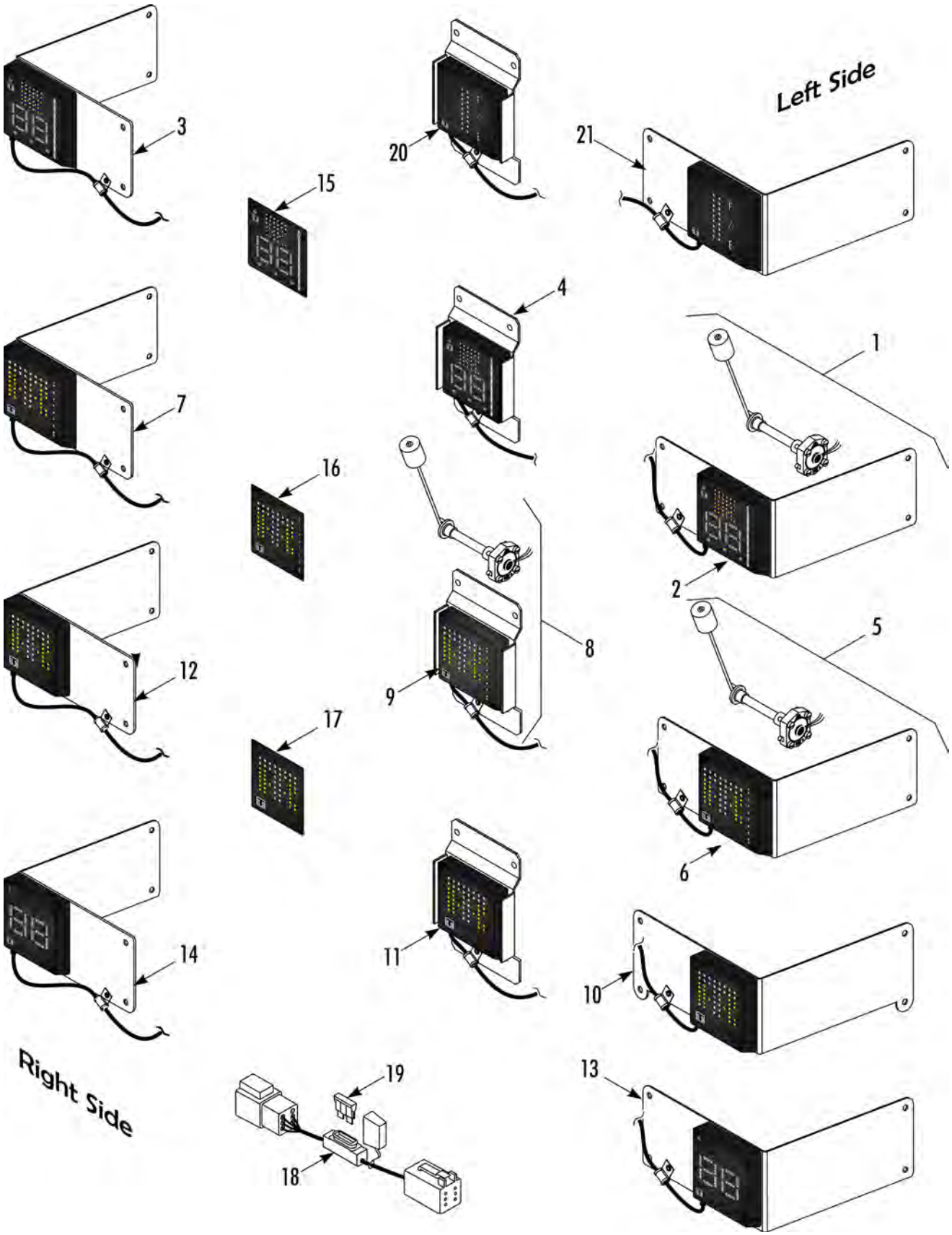
ESTE SISTEMA ESTÁ EQUIPADO CON UN CONTROL REMOTO TRASERO Y SE PUEDE ENCENDER PONIENDO EL INTERRUPTOR EN "ON" DESDE EL CONTROL REMOTO TRASERO. APAGUE LA UNIDAD PONIENDO EL INTERRUPTOR EN "OFF" ANTES DE REALIZAR CUALQUIER SERVICIO DE MANTENIMIENTO O REPARACIÓN.

QUESTO SISTEMA È DOTATO DI UN TELECOMANDO POSTERIORE E PUÒ ESSERE ACCESO ("ON") USANDO TALE TELECOMANDO. SPEGNERE ("OFF") L'UNITÀ PRIMA DI ESEGUIRE LA MANUTENZIONE.

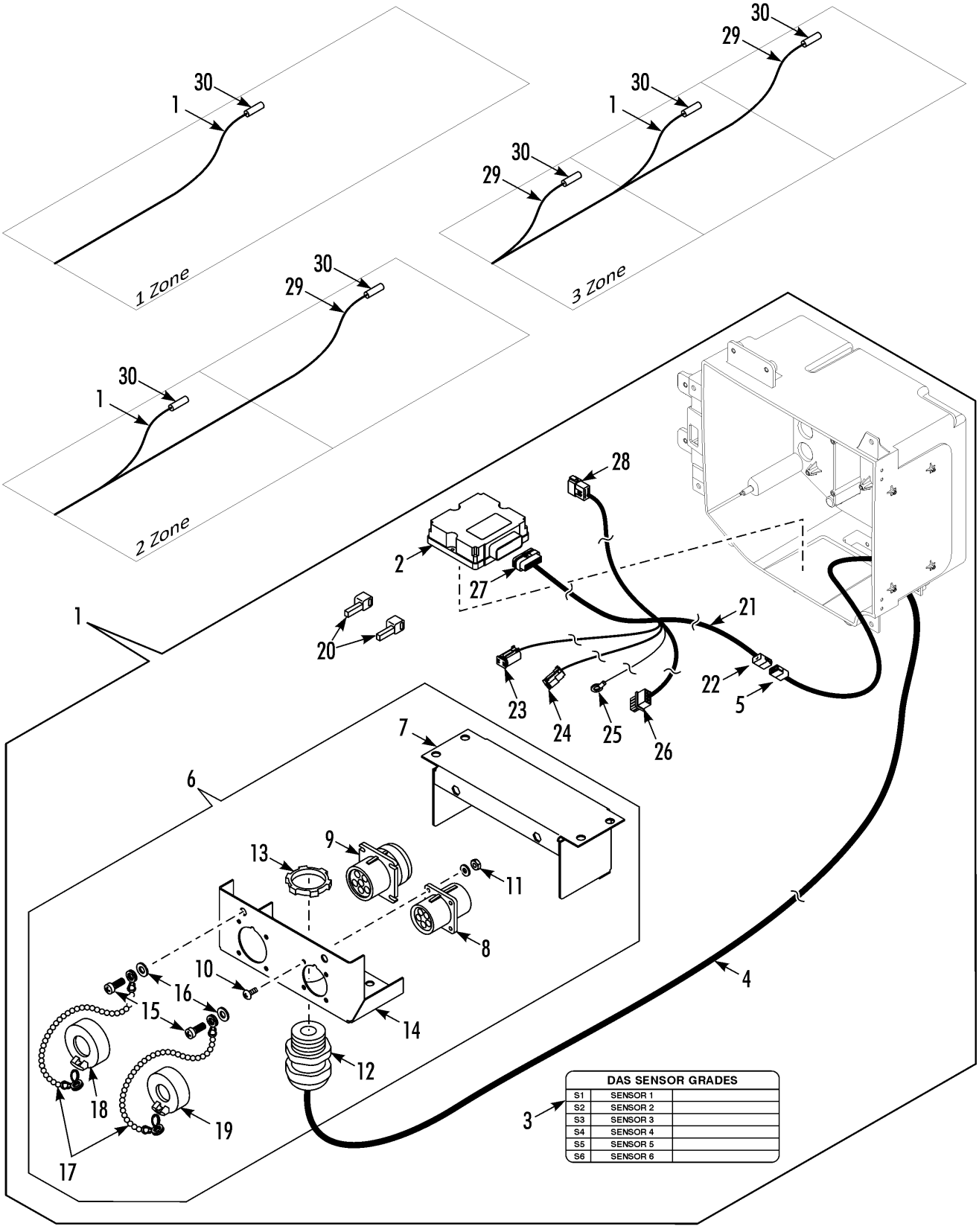
ESTE SISTEMA ESTÁ EQUIPADO COM UM CONTROLADOR TRASEIRO À DISTÂNCIA E PODE SER LIGADO A PARTIR DESTE CONTROLADOR. DESLIGAR A UNIDADE ANTES DE EFECTUAR QUALQUER SERVIÇO DE REPARAÇÃO OU DE MANUTENÇÃO.

8

| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| | 40-1061 | KIT - flush mount controller (single temp) | 1 |
| | 40-1062 | KIT - flush mount controller (muiti temp) | 1 |
| 1 | 45-2401 | *CONTROLLER - flush mount (single temp) | 1 |
| | 45-2404 | *CONTROLLER - flush mount (muiti temp) | 1 |
| | 93-1032 | **FACEPLATE | 1 |
| | 55-3443 | *SCREW - controller | 2 |
| 2 | 90-335 | *KIT - box, remote controller | 1 |
| 3 | 41-8702 | *HARNESS - controller to evap | 1 |
| 4 | 41-8765 | **CONNECTOR - 8-pin | 1 |
| | 41-8872 | **TERMINAL - gold (20 ga) | 7 |
| 5 | 41-6586 | *HARNESS - evaporator | 1 |
| 6 | 44-9903 | **PLUG - 8-pin | 1 |
| | 44-9902 | **WEDGE - 8-pin | 1 |
| | 41-8816 | **SOCKET - gold (18 ga) | 8 |
| 7 | 41-124 | **TERMINAL - splice | 8 |
| 8 | 92-6682 | *NAMEPLATE - Warning | 1 |
| 9 | 92-4978 | NAMEPLATE - Attention | 1 |

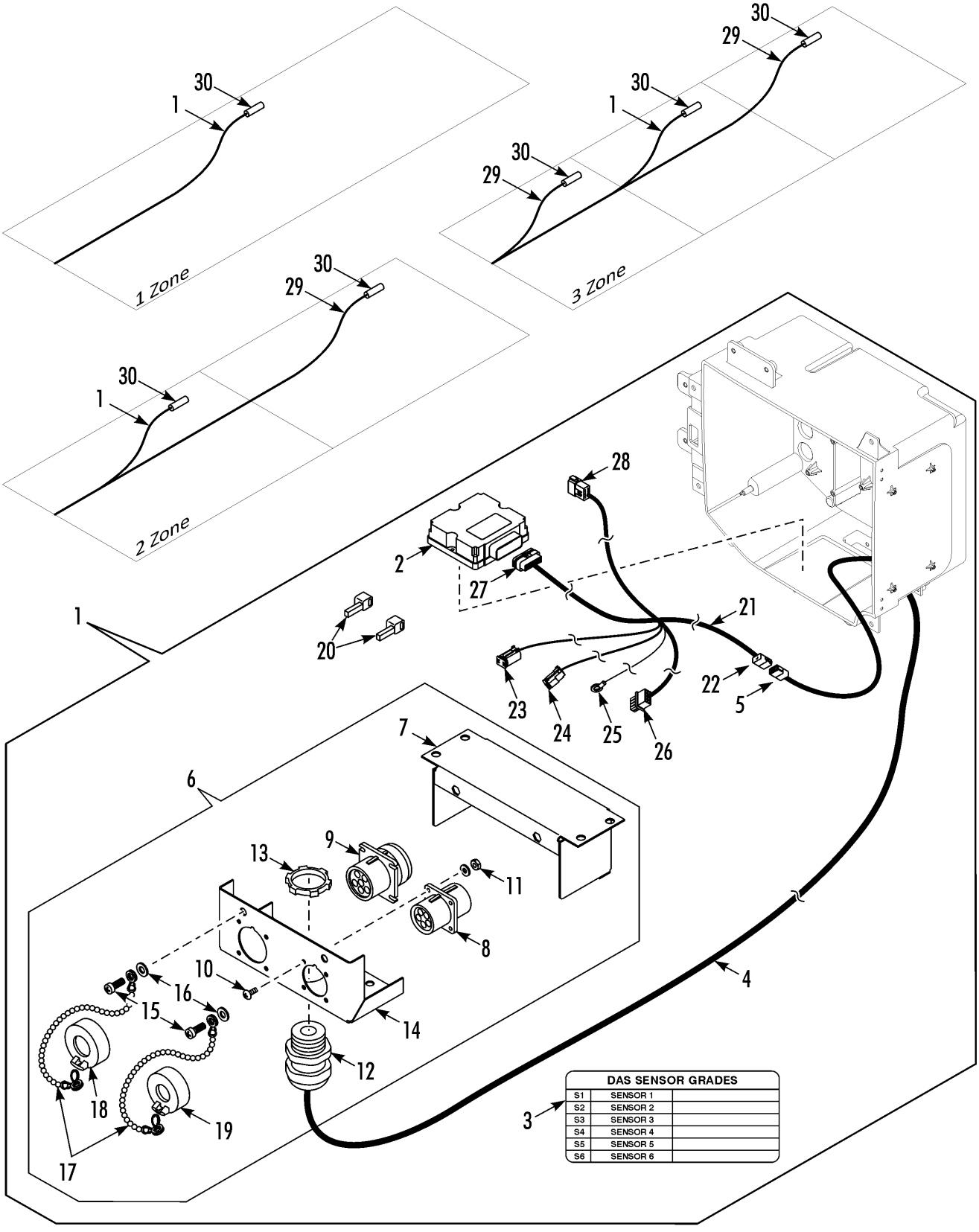

Left Side
Right Side
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| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 40-1109 | KIT - status/temp/fuel level display (left side, w/fuel gauge) | 1 |
| 2 | 40-1110 | KIT - status/temperature/fuel level display (left side) | 1 |
| 3 | 40-1111 | KIT - status/temperature/fuel level display (right side) | 1 |
| 4 | 40-1112 | KIT - status/temperature/fuel level display (flush mount) | 1 |
| 5 | 40-1070 | KIT - status/fuel level display (left side, w/fuel gauge) | 1 |
| 6 | 40-1068 | KIT - status/fuel level display (left side) | 1 |
| 7 | 40-1069 | KIT - status/fuel level display (right side) | 1 |
| 8 | 40-1071 | KIT - status/fuel level display (flush mount, w/fuel gauge) | 1 |
| 9 | 40-1067 | KIT - status/fuel level display (flush mount) | 1 |
| 10 | 40-980 | KIT - status display (left side) | 1 |
| | 40-984 | KIT - status display (left side, UK, T-Series after 11/11) | 1 |
| | 350-4665 | KIT - status display (Carrier units only) | 1 |
| 11 | 40-981 | KIT - status display (flush mount, TSA) | 1 |
| | 40-989 | KIT - status display (flush mount, EMEIA) | 1 |
| 12 | 40-996 | KIT - status display (right mount, Australia) | 1 |
| | 40-985 | KIT - status display (right side, EMEIA) | 1 |
| 13 | 40-1119 | KIT - temperature display (left side, degrees F) | 1 |
| | 40-1120 | KIT - temperature display (left side, degrees C) | 1 |
| 14 | 40-1121 | KIT - temperature display (right side, UK, degrees C) | 1 |
| 15 | 41-9024 | DISPLAY - face plate decal (status/temp/fuel level display) | 1 |
| 16 | 41-9025 | DISPLAY - face plate decal (status/fuel level display) | 1 |
| 17 | 41-9023 | DISPLAY - face plate decal (status display) | 1 |
| 18 | 41-6742 | HARNESS - fuse (multi temp units) | 1 |
| 19 | 41-1932 | FUSE (1 amp) | 1 |
| 20 | 40-1160 | KIT - fuel level (flushmount) | 1 |
| 21 | 40-1165 | KIT - fuel level (left side) | 1 |


1 Zone
2 Zone
3 Zone
DAS SENSOR GRADES
S1 SENSOR 1
S2 SENSOR 2
S3 SENSOR 3
S4 SENSOR 4
S5 SENSOR 5
S6 SENSOR 6

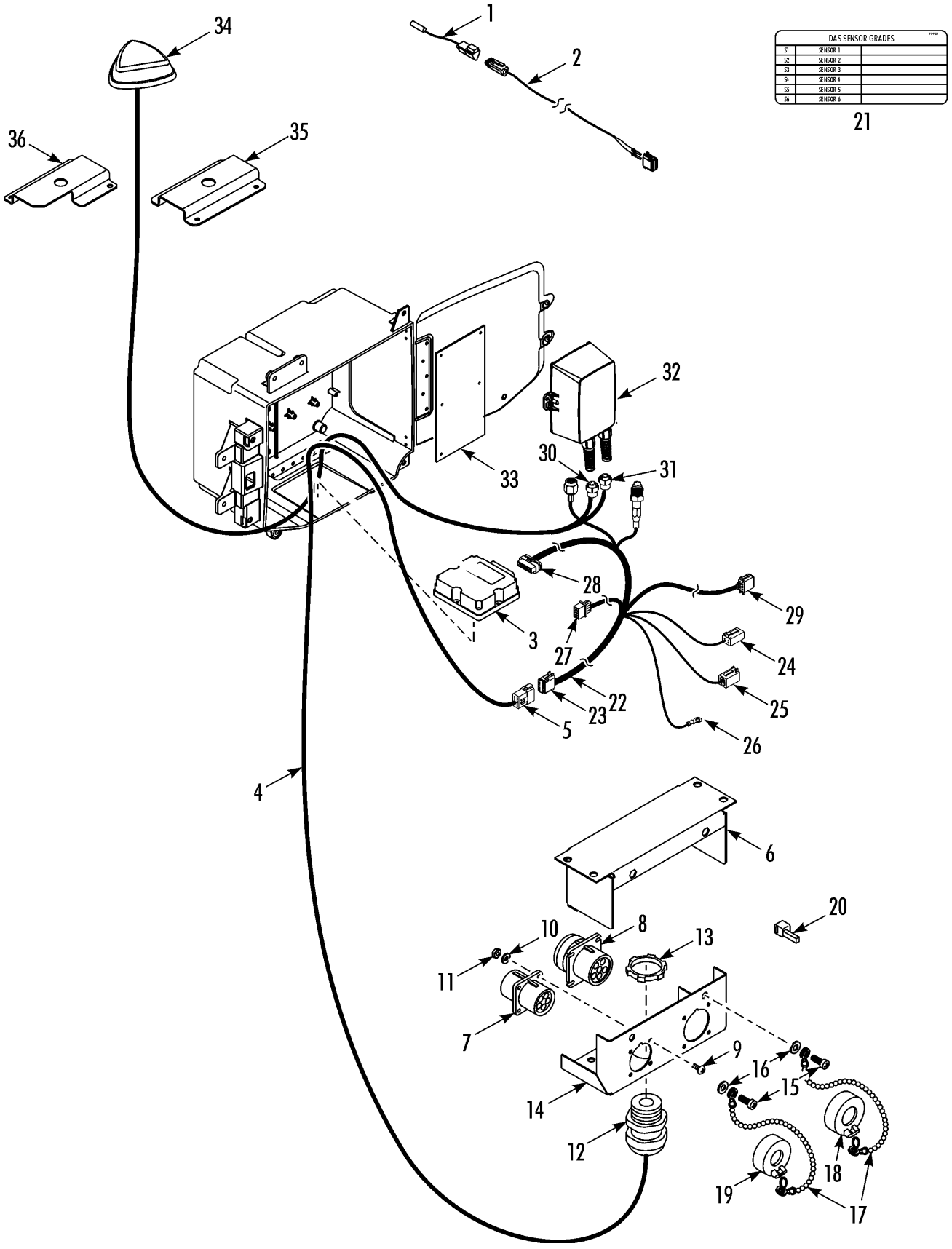
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 40-1125 | KIT - DAS (EMEIA, 1 zone, incl sensor and 20 ft harness) | 1 |
| 2 | 45-2247 | *DATALOGGER - DAS IV | 1 |
| | 203-439 | **BATTERY | 1 |
| 3 | 91-9305 | *NAMEPLATE - DAS Sensor Grade | 1 |
| 4 | 41-8743 | *HARNESS - DAS communications | 1 |
| 5 | 44-9904 | **RECEPTACLE - 12-pin | 1 |
| | 44-9905 | **WEDGE - 12-pin | 1 |
| | 44-9591 | **PIN - terminal (18 ga) | 18 |
| | 44-9894 | **PIN - sealing | 3 |
| 6 | 41-5367 | *BOX ASSEMBLY - DAS | 1 |
| 7 | 91-9585 | **BOX - DAS | 1 |
| 8 | 41-2405 | **CONNECTOR - receptacle (5-pin) | 1 |
| 9 | 44-8329 | **RECEPTACLE (6-pin) | 1 |
| 10 | 55-3427 | **SCREW - receptacle | 8 |
| | 55-2359 | **FLATWASHER | 16 |
| 11 | 55-2361 | **NUT | 8 |
| 12 | 55-6742 | **CONNECTOR - harness grip | 1 |
| 13 | 55-2635 | **NUT | 1 |
| 14 | 91-9586 | **COVER - box | 1 |
| 15 | 55-3025 | **SCREW - cover | 4 |
| 16 | 55-2001 | **FLATWASHER | 4 |
| 17 | 99-3685 | **CHAIN | 2 |
| 18 | 41-2406 | **CAP - dust | 1 |
| 19 | 44-8333 | **CAP - dust | 1 |
| 20 | 55-2332 | *BANDWRAP | 2 |
| 21 | 41-8703 | *HARNESS - DAS | 1 |
| 22 | 41-7585 | **PLUG - 12-pin (to DAS remote box) | 1 |
| | 41-7586 | **WEDGE - 12-pin | 1 |
| 23 | 41-8736 | **PLUG - 4-pin (J DAS IN) | 1 |
| | 41-8815 | **WEDGE - 4-pin | 1 |
| 24 | 41-8733 | **PLUG - 2-pin (J DAS OUT) | 1 |
| | 41-8820 | **WEDGE - 2-pin | 1 |
| | 44-9587 | **SOCKET 18GA | 6 |

NOTE: One Zone units use 40-1125; Two Zone units use 40-1125 & 40-1132; Three Zone units use 40-1125 & two 40-1132.

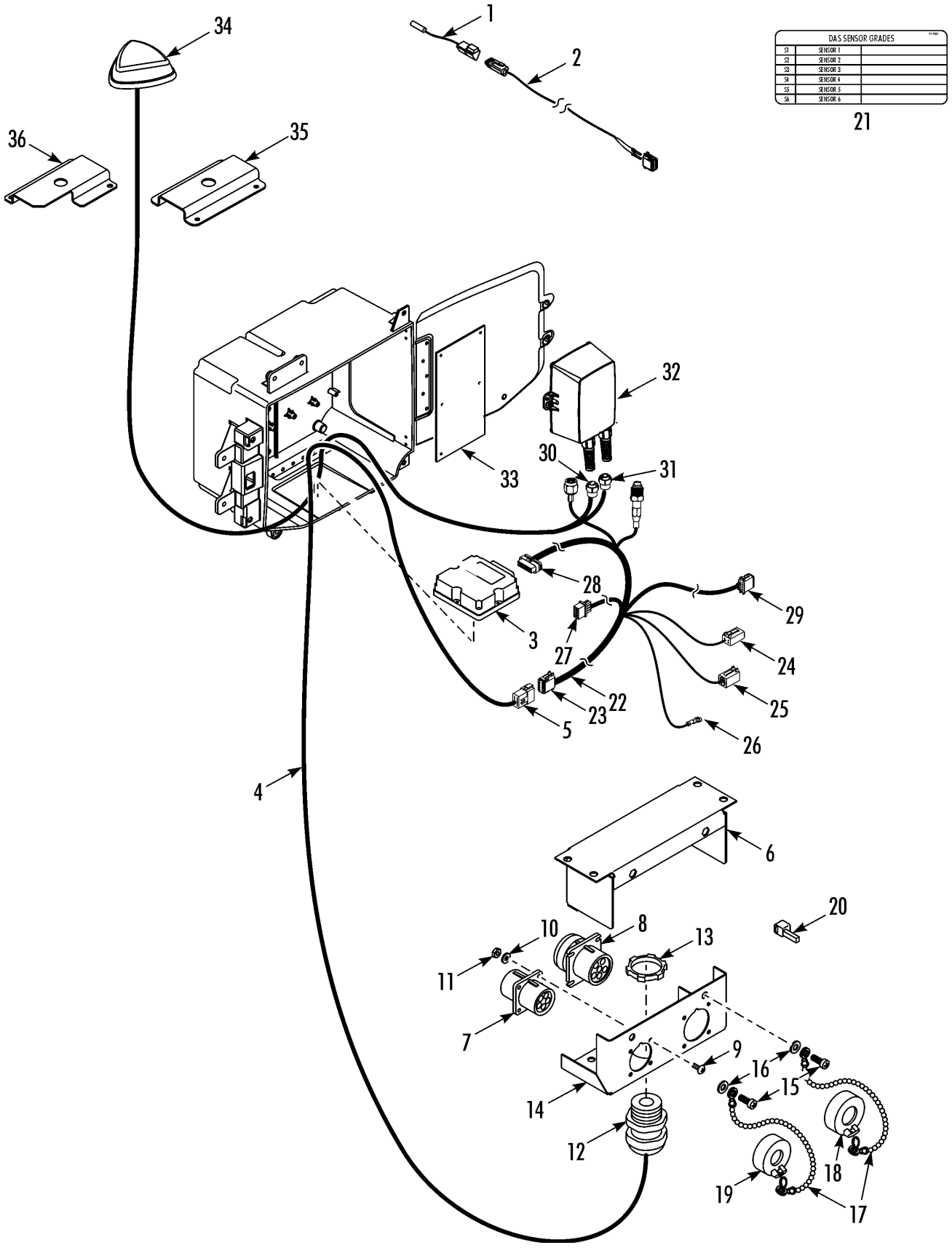

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DAS SENSOR GRADES
S1 SENSOR 1
S2 SENSOR 2
S3 SENSOR 3
S4 SENSOR 4
S5 SENSOR 5
S6 SENSOR 6

| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 25 | 44-2789 | **TERMINAL - ring (ground) | 1 |
| 26 | 41-5709 | **PLUG - 8-pin (comm harness) | 1 |
| | 33-3908 | **GASKET - 8-pin plug | 1 |
| | 41-2457 | **SOCKET (18 ga) | 8 |
| | 41-6256 | **SEAL - wire | 5 |
| 27 | 41-3359 | **PLUG - 35-pin (DAS) | 1 |
| | 41-2457 | **SOCKET - terminal (18 ga) | 29 |
| 28 | 41-8834 | **RECEPTACLE - 12-pin (sensor harness) | 1 |
| | 41-8835 | **WEDGE - 12-pin | 1 |
| | 44-9591 | **PIN - terminal (18 ga) | 12 |
| 29 | 40-1132 | KIT - DAS SENSOR (2 zone & 3 zone, 10 ft & 40 ft sensor harnesses, does not include DAS module) | A/R |
| | 41-2985 | *HARNESS - sensor (10 ft) | 1 |
| | 41-2986 | *HARNESS - sensor (40 ft) | 2 |
| 30 | 41-9657 | *SENSOR (graded) | A/R |

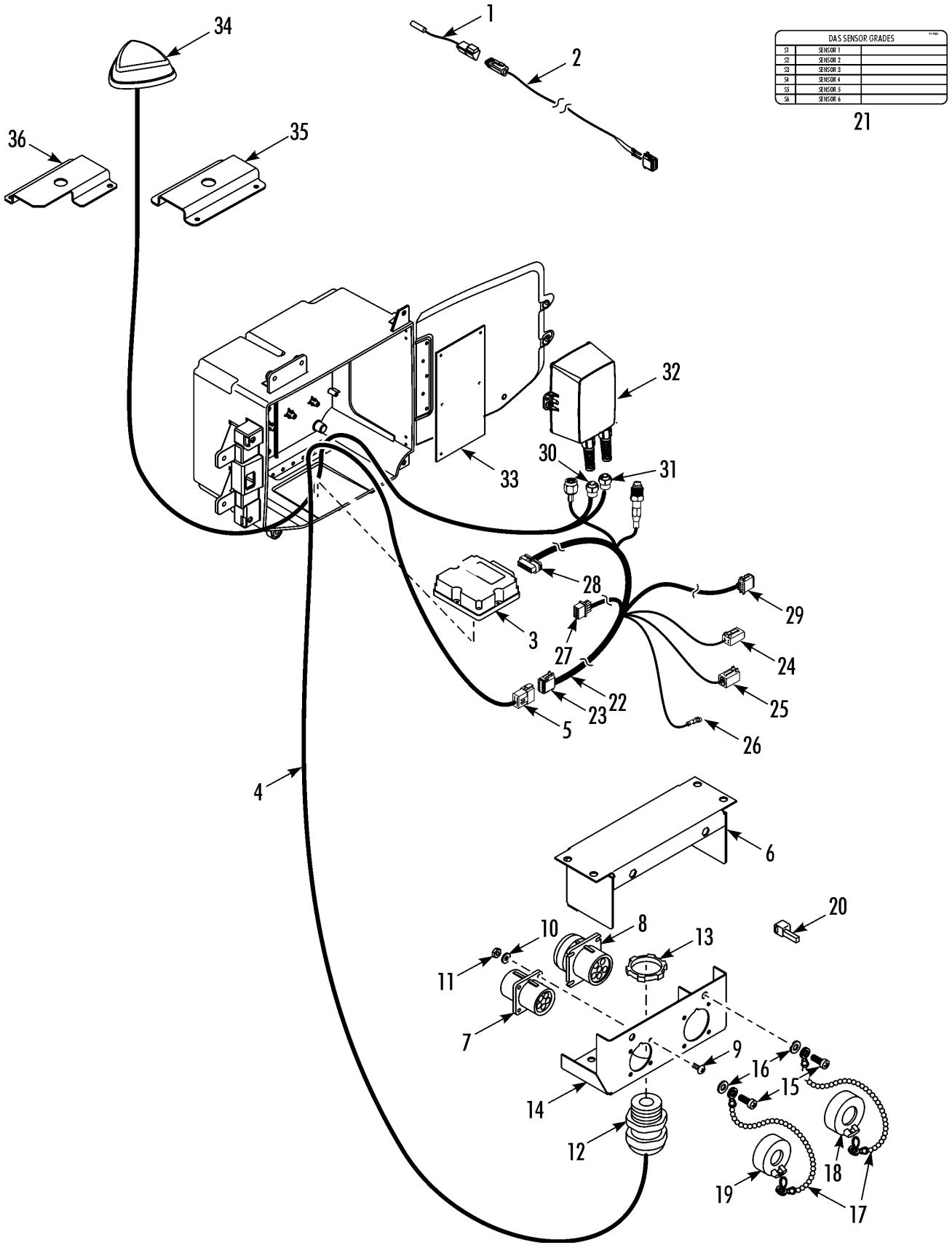
NOTE: One Zone units use 40-1125; Two Zone units use 40-1125 & 40-1132; Three Zone units use 40-1125 & two 40-1132.


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DAS SENSOR GRADES
S1 SENSOR 1
S2 SENSOR 2
S3 SENSOR 3
S4 SENSOR 4
S5 SENSOR 5
S6 SENSOR 6
21

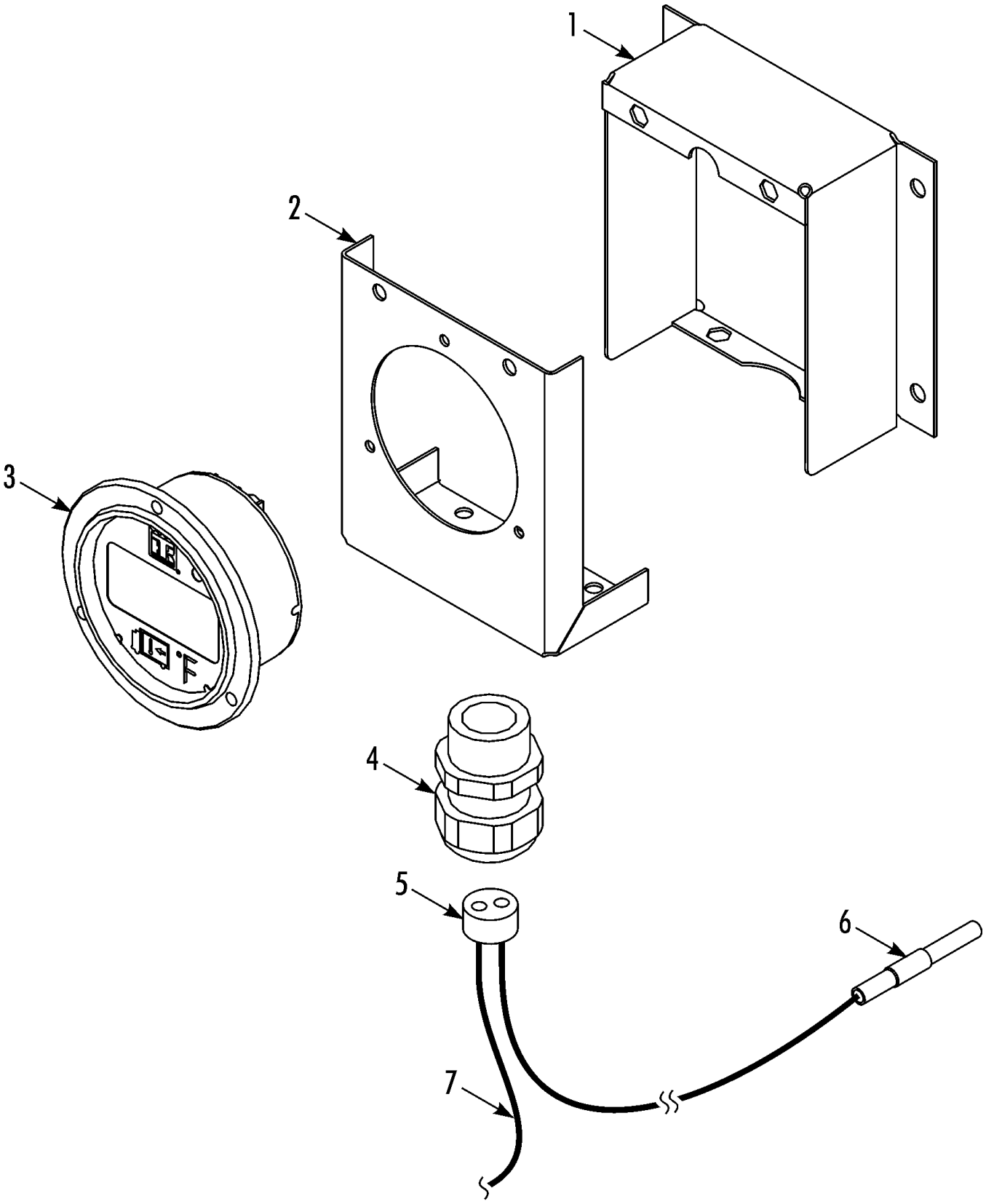
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 40-974 | KIT - sensor (graded) | A/R |
| 2 | 41-3015 | HARNESS - sensor (10 ft) | A/R |
| | 41-2985 | HARNESS - sensor (20 ft) | A/R |
| | 41-2986 | HARNESS - sensor (40 ft) | A/R |
| 3 | 45-2247 | DATALOGGER - DAS IV | 1 |
| | 203-439 | *BATTERY | 1 |
| 4 | 41-8743 | HARNESS - DAS sensors | 1 |
| 5 | 44-9904 | *RECEPTACLE - 12-pin | 1 |
| | 44-9905 | *WEDGE - 12-pin | 1 |
| | 44-9591 | *TERMINAL - pin (16-18 ga) | 18 |
| | 44-9894 | *PIN - sealing | 3 |
| | 41-5367 | BOX ASSEMBLY - DAS | 1 |
| 6 | 91-9585 | *BOX - DAS | 1 |
| 7 | 41-2405 | *CONNECTOR - receptacle (5-pin) | 1 |
| 8 | 44-8329 | *RECEPTACLE (6-pin) | 1 |
| 9 | 55-3427 | *SCREW - receptacle | 8 |
| 10 | 55-2359 | *FLATWASHER | 16 |
| 11 | 55-2361 | *NUT | 8 |
| 12 | 55-6742 | *CONNECTOR - harness grip | 1 |
| 13 | 55-2635 | *NUT | 1 |
| 14 | 91-9586 | *COVER - box | 1 |
| 15 | 55-3025 | *SCREW - cover | 4 |
| 16 | 55-2001 | *FLATWASHER | 4 |
| 17 | 99-3685 | *CHAIN | 2 |
| 18 | 41-2406 | *CAP - dust | 1 |
| 19 | 44-8333 | *CAP - dust | 1 |
| 20 | 55-2332 | BANDWRAP | 2 |
| 21 | 91-9305 | NAMEPLATE - DAS Sensor Grade | 1 |
| 22 | 41-8943 | HARNESS - DAS w/ TracKing GPRS | 1 |
| | 41-9518 | HARNESS TRACKING SR2 | 1 |
| 23 | 41-7585 | *PLUG - 12-pin (to DAS remote box) | 1 |
| | 41-7586 | *WEDGE - 12-pin | 1 |
| | 41-2457 | *SOCKET (18 ga) | 9 |


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DAS SENSOR GRADES
S1 SENSOR 1
S2 SENSOR 2
S3 SENSOR 3
S4 SENSOR 4
S5 SENSOR 5
S6 SENSOR 6
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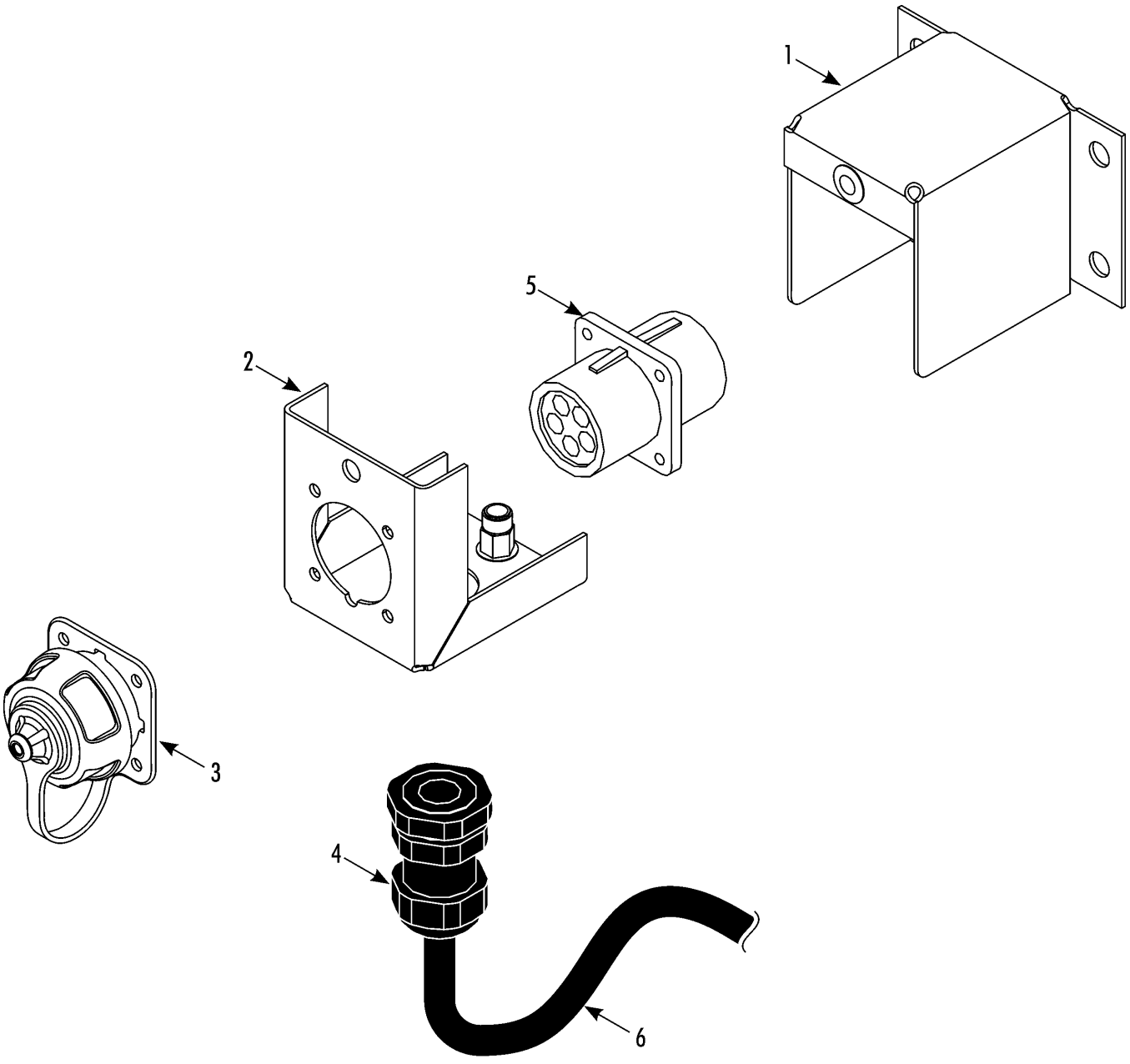
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 24 | 41-8736 | *PLUG - 4-pin (J DAS IN) | 1 |
| | 41-8815 | *WEDGE - 4-pin | 1 |
| 25 | 41-8733 | *PLUG - 2-pin (J DAS OUT) | 1 |
| | 41-8820 | *WEDGE - 2-pin | 1 |
| | 44-9587 | *SOCKET 18GA | 5 |
| 26 | 44-2789 | *TERMINAL - ring (blue 1/4, 14-16 ga) | 1 |
| 27 | 41-5709 | *PLUG - 8-pin (communication harness) | 1 |
| | 33-3908 | *GASKET - 8-pin plug | 1 |
| | 41-5719 | *SOCKET - gold (18 ga) | 5 |
| | 41-6256 | *SEAL - wire | 5 |
| 28 | 41-3359 | *PLUG - 35-pin (DAS) | 1 |
| | 41-2457 | *SOCKET - terminal (18 ga) | 29 |
| 29 | 41-8834 | *RECEPTACLE - 12-pin (sensor harness) | 1 |
| | 41-8835 | *WEDGE - 12-pin | 1 |
| | 44-9591 | *TERMINAL - pin (16-18 ga) | 12 |
| 30 | 41-8947 | *PLUG 7-pin (TracKing module) | 1 |
| 31 | 41-8948 | *PLUG 5-pin (TracKing module) | 1 |
| | 41-8949 | *SOCKET - 20 ga | 9 |
| | 40-1167 | KIT - TracKing (EU SIM) | 1 |
| | 40-1168 | KIT - TracKing (UK SIM) | 1 |
| | 40-1166 | KIT - TracKing (less SIM) | 1 |
| 32 | 41-9517 | MODULE - TracKing (EU & UK SIM) | 1 |
| | 41-9516 | MODULE - TracKing (TSA SIM) | 1 |
| | 42-436 | MODULAR TRACKING RAZOR T-MOB | 1 |
| | 55-4606 | SCREW - module | 4 |
| | 55-7478 | LOCKWASHER | 4 |
| | 55-4638 | FLATWASHER | 4 |
| 33 | 92-9744 | BRACKET - module | 1 |
| | 92-8524 | BRACKET RAZOR TRACKING MODUL | 1 |
| 34 | 41-9902 | ANTENNA - GPS-GPRS (EU & UK, 5M) | 1 |
| | 41-8755 | ANTENNA - GPS-GPRS (TSA, 1.5M) | 1 |
| | 41-9901 | ANTENNA GPS-GPRS-WIFI 1.5 ME | 1 |
| 35 | 92-7794 | BRACKET - antenna | 1 |


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DAS SENSOR GRADES
S1 SENSOR 1
S2 SENSOR 2
S3 SENSOR 3
S4 SENSOR 4
S5 SENSOR 5
S6 SENSOR 6
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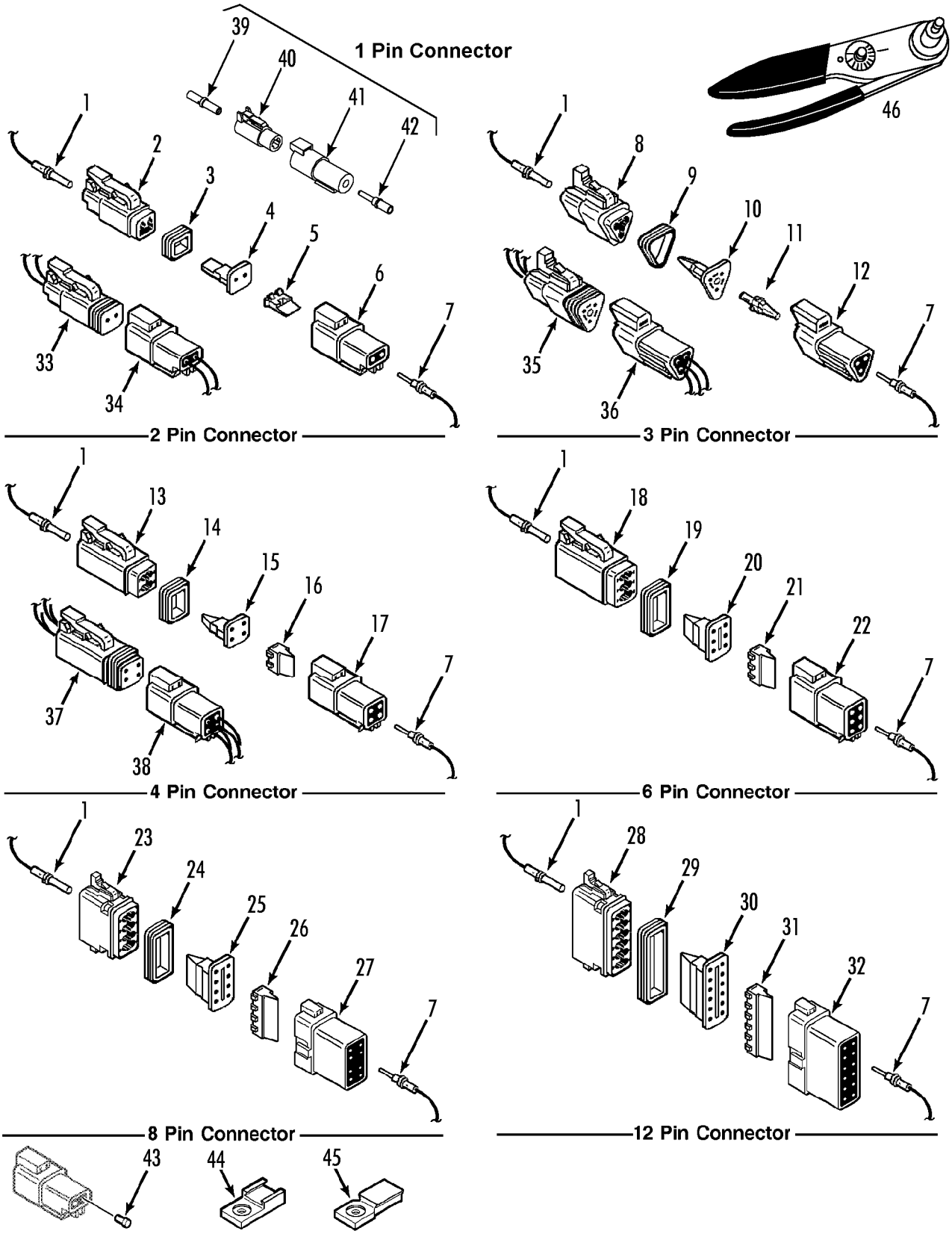
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 36 | 93-1169 | BRACKET - antenna | 1 |
| | 51-1913 | SCREW - bracket | 4 |


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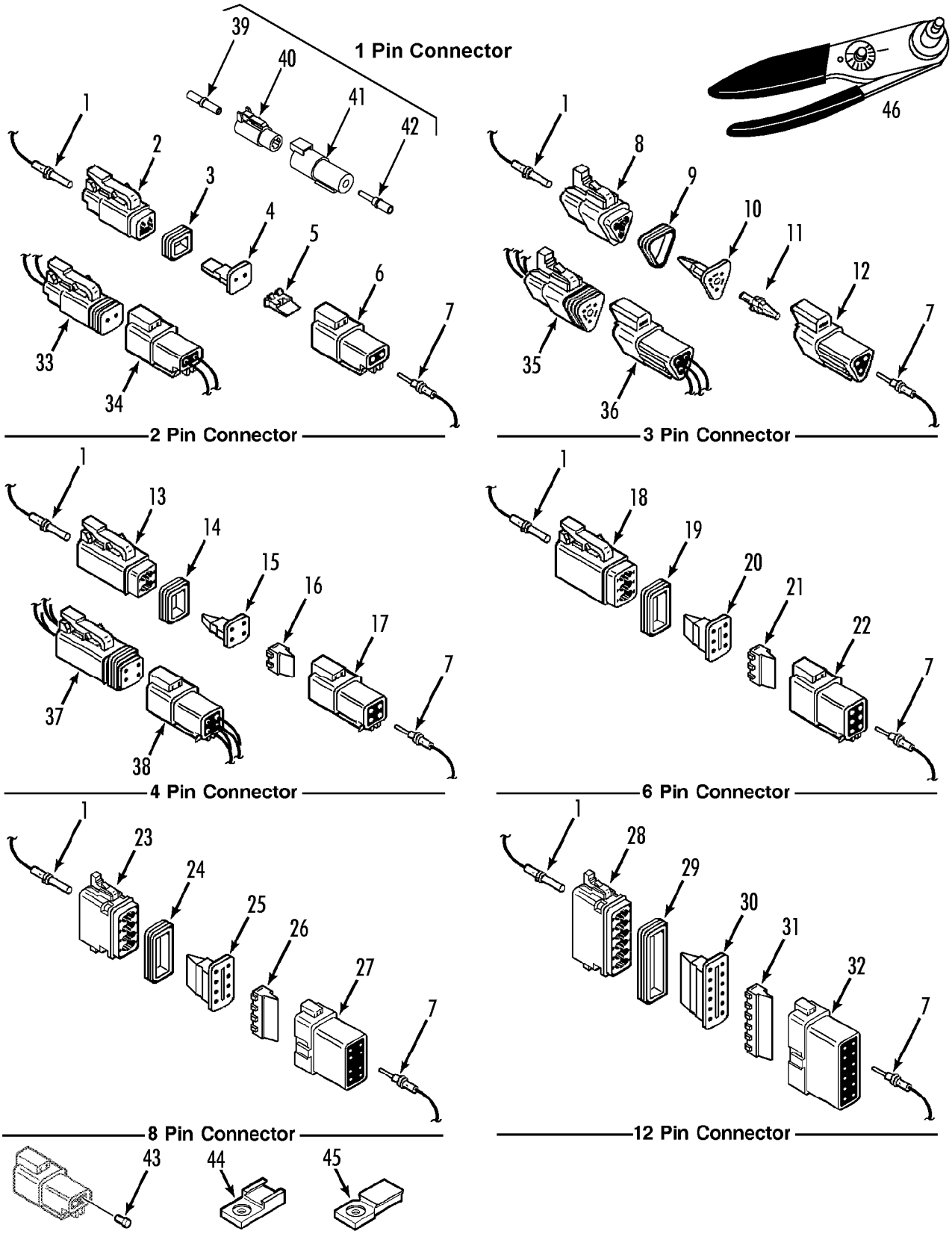
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 92-7931 | BASE - thermometer | 1 |
| 2 | 92-7932 | COVER - thermometer | 1 |
| | 55-3015 | SCREW - cover | 4 |
| | 55-2001 | FLATWASHER | 4 |
| | 55-8752 | INSERT - threaded | 4 |
| 3 | 41-2590 | THERMOMETER - F (EZ read LCD) | 1 |
| | 41-2591 | THERMOMETER - C (EZ read LCD) | 1 |
| | 55-4222 | SCREW - thermometer | 3 |
| | 55-3014 | LOCKWASHER | 3 |
| | 55-3013 | FLATWASHER | 3 |
| | 55-2999 | NUT | 3 |
| 4 | 41-6950 | GRIP - harness | 1 |
| 5 | 33-4523 | BUSHING | 1 |
| 6 | 44-5234 | SENSOR 120 in | 1 |
| | 55-547 | CLAMP - sensor | 1 |
| 7 | 41-9105 | HARNESS - thermometer | 1 |


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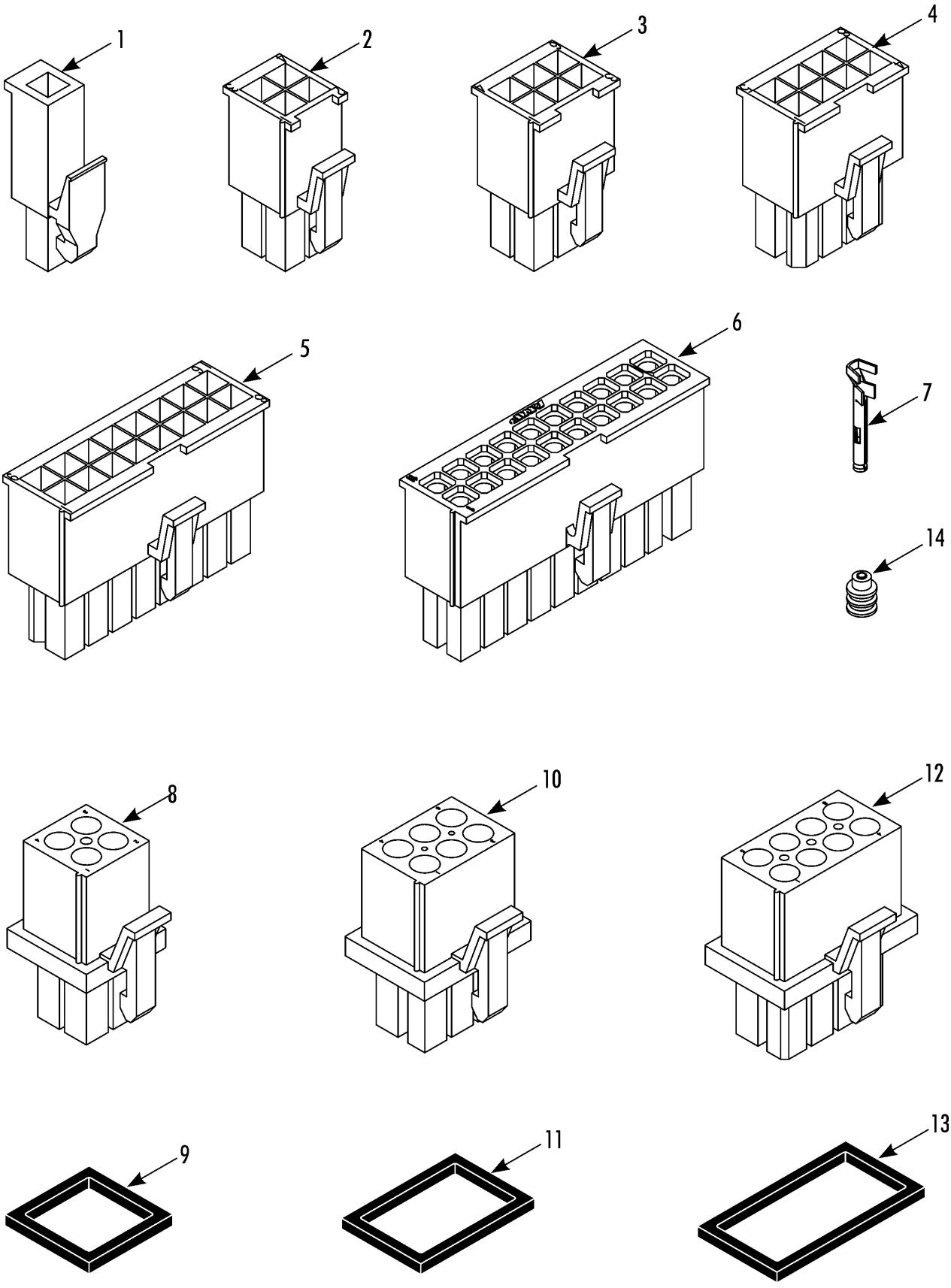
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| | 45-2386 | REMOTE PORT - service watch | 1 |
| 1 | 92-7933 | *BOX - download (top) | 1 |
| 2 | 92-7934 | *BOX - download (bottom) | 1 |
| | 55-7407 | *SCREW - box | 2 |
| | 55-7089 | *FLATWASHER | 2 |
| | 51-2130 | *INSERT - threaded | 2 |
| 3 | 92-3067 | *CAP - dust | 1 |
| | 55-3272 | *RIVET - cap | 4 |
| | 55-7830 | *FLATWASHER | 4 |
| 4 | 55-6409 | *GRIP - harness | 1 |
| 5 | 41-2405 | *RECEPTACLE - 5 pin | 1 |
| | 44-9602 | *PIN - sealing | 1 |
| 6 | 41-9038 | *HARNESS - download | 1 |


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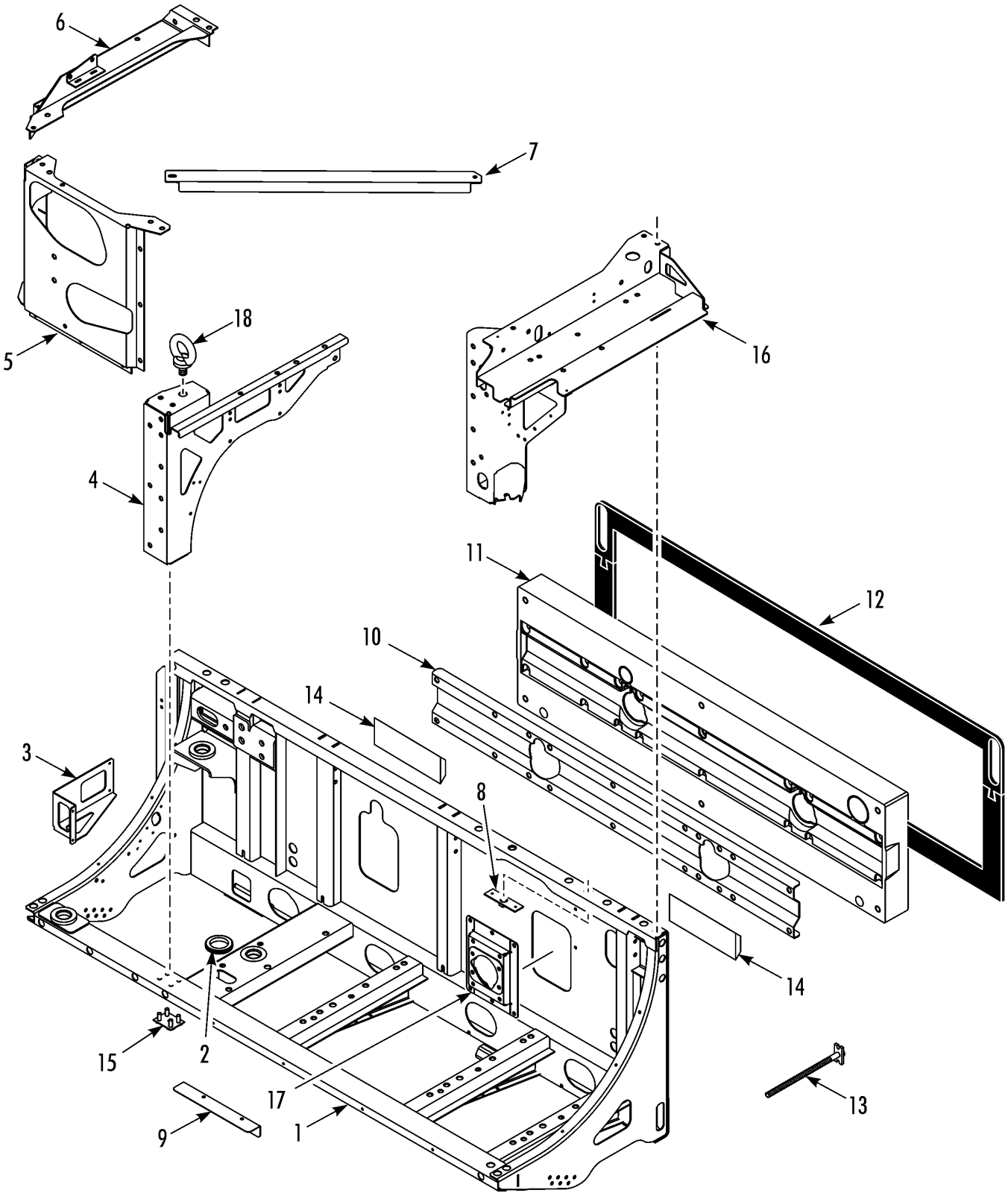
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 44-9700 | TERMINAL - socket (w/ 6 in wire lead) | 2 |
| | 44-9587 | TERMINAL - socket (without wire) | 2 |
| 2 | 44-9585 | PLUG (2-pin, w/ seal) | 1 |
| 3 | 33-2392 | SEAL | 1 |
| 4 | 44-9586 | WEDGE | 1 |
| 5 | 44-9590 | WEDGE | 1 |
| 6 | 44-9589 | RECEPTACLE (2-pin) | 1 |
| 7 | 44-9701 | TERMINAL - pin (w/ 6 in wire lead) | 2 |
| | 44-9591 | TERMINAL - pin (16-18 ga) | 2 |
| 8 | 44-9631 | PLUG (3-pin, w/ seal) | 1 |
| 9 | 33-2393 | SEAL | 1 |
| 10 | 44-9536 | WEDGE | 1 |
| 11 | 44-9545 | WEDGE | 1 |
| 12 | 44-9544 | RECEPTACLE (3-pin) | 1 |
| 13 | 44-8935 | PLUG (4-pin, w/ seal) | 1 |
| 14 | 33-2394 | SEAL | 1 |
| 15 | 44-8936 | WEDGE | 1 |
| 16 | 44-8918 | WEDGE | 1 |
| 17 | 44-8915 | RECEPTACLE (4-pin) | 1 |
| 18 | 44-8920 | PLUG (6-pin, w/ seal) | 1 |
| 19 | 33-2395 | SEAL | 1 |
| 20 | 44-8921 | WEDGE | 1 |
| 21 | 44-8917 | WEDGE | 1 |
| 22 | 44-8914 | RECEPTACLE (6-pin) | 1 |
| 23 | 44-9903 | PLUG (8-pin, w/ seal) | 1 |
| 24 | 33-2396 | SEAL | 1 |
| 25 | 44-9902 | WEDGE | 1 |
| 26 | 44-9901 | WEDGE | 1 |
| 27 | 44-9900 | RECEPTACLE (8-pin) | 1 |
| | 41-2628 | RECEPTACLE (8-pin, brown) | 1 |
| 28 | 44-9600 | PLUG (12-pin, w/ seal) | 1 |
| 29 | 33-2397 | SEAL | 1 |
| 30 | 44-9601 | WEDGE | 1 |


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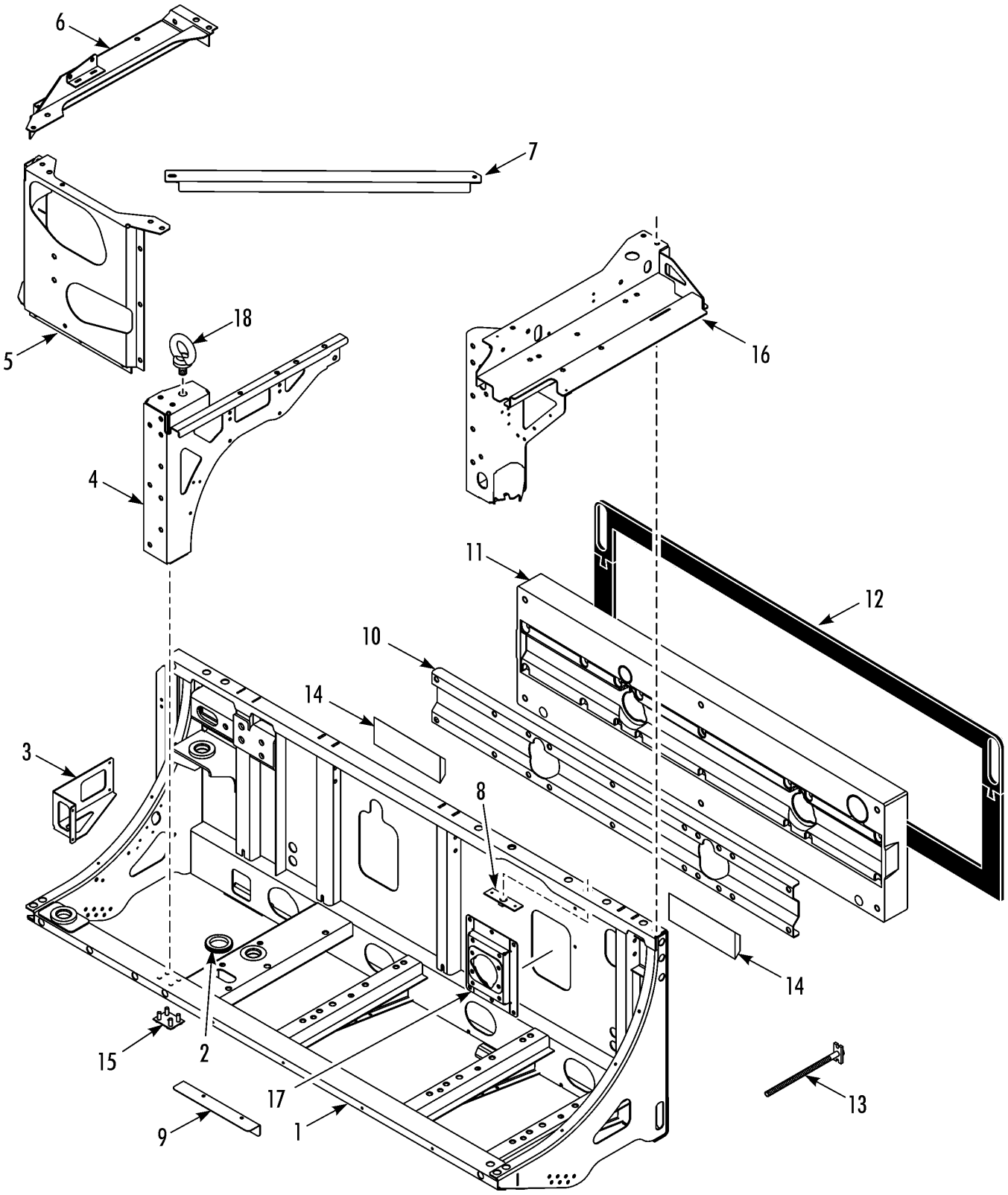
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 31 | 44-9905 | WEDGE | 1 |
| 32 | 44-9904 | RECEPTACLE (12-pin) | 1 |
| 33 | 41-2323 | PLUG - assembly (w/ 6 in wires) | 1 |
| 34 | 41-2322 | RECEPTACLE - assembly (w/ 6 in wires) | 1 |
| 35 | 41-2325 | PLUG - assembly (w/ 6 in wires) | 1 |
| 36 | 41-2324 | RECEPTACLE - assembly (w/ 6 in wires) | 1 |
| 37 | 41-2327 | PLUG - assembly (w/ 6 in wires) | 1 |
| 38 | 41-2326 | RECEPTACLE - assembly (w/ 6 in wires) | 1 |
| 39 | 41-4524 | SOCKET (8-10 ga) | 1 |
| 40 | 41-3073 | PLUG (1 terminal, 8-10 ga) | 1 |
| 41 | 41-3069 | RECEPTACLE (1 terminal, 8-10 ga) | 1 |
| 42 | 44-6850 | PIN (8-10 ga) | 1 |
| 43 | 44-9602 | PIN - sealing | A/R |
| 44 | 44-9906 | TAB - mounting (for all connectors except the 8-pin connector) | A/R |
| 45 | 44-9907 | TAB - mounting (for 8-pin connector only) | A/R |
| 46 | 204-703 | KIT - crimper (w/ terminals) | 1 |
| | 204-1038 | *TOOL - crimper | 1 |
| | 204-799 | *TOOL - wedge remover | 1 |


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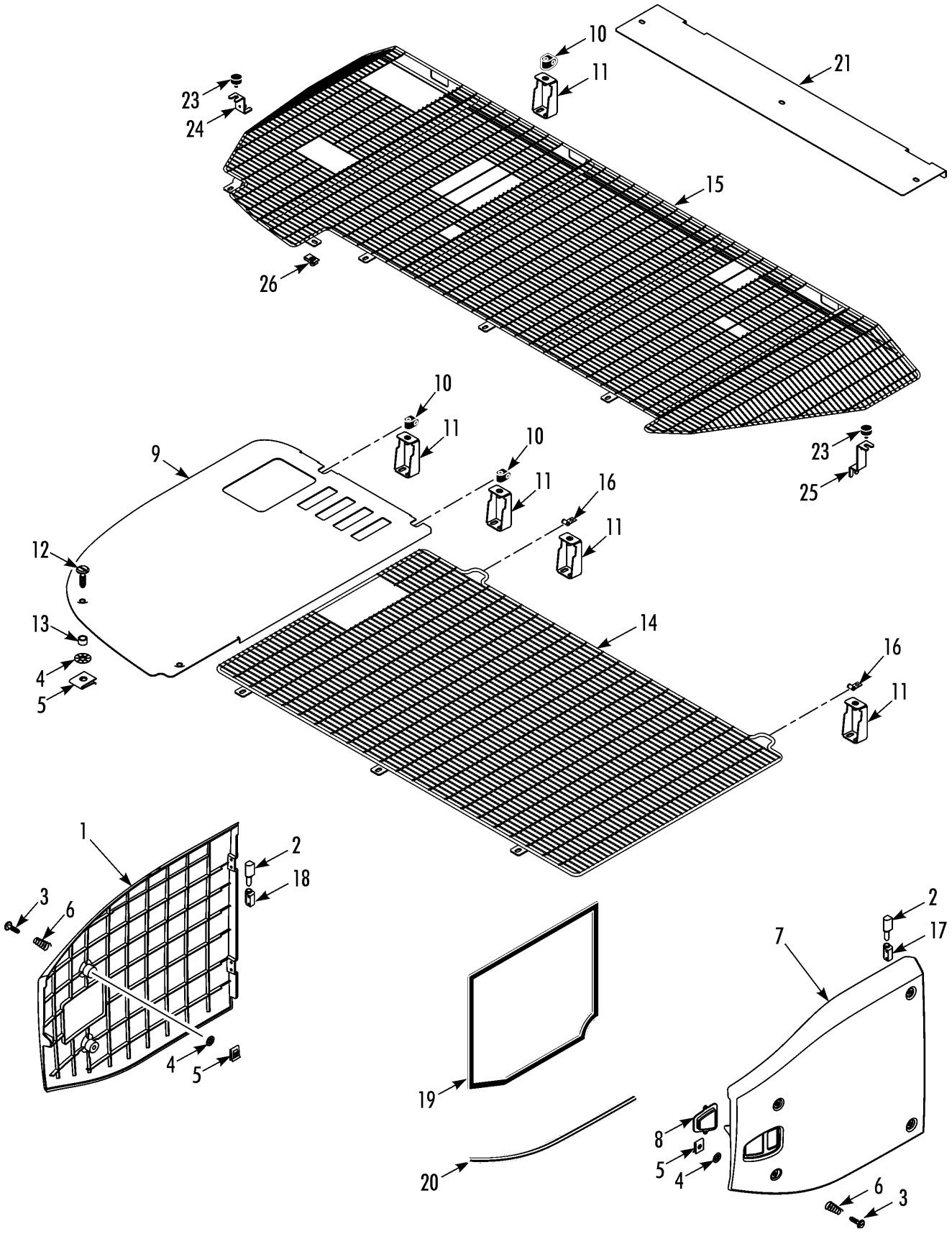
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 41-6257 | CONNECTOR (1-pin) | 1 |
| 2 | 41-4735 | CONNECTOR (4-pin) | 1 |
| 3 | 41-6258 | CONNECTOR (6-pin) | 1 |
| 4 | 41-4734 | CONNECTOR (8-pin) | 1 |
| 5 | 41-4751 | CONNECTOR (16-pin) | 1 |
| 6 | 41-9379 | CONNECTOR (20-pin) | 1 |
| 7 | 41-5719 | SOCKET (20-16 gauge) | A/R |
| | 41-5718 | SOCKET (22-18 gauge) | A/R |
| 8 | 41-5710 | CONNECTOR - sealed (4-pin) | 1 |
| 9 | 33-3909 | GASKET - 4-pin plug | 1 |
| 10 | 41-5745 | CONNECTOR - sealed (6-pin) | 1 |
| 11 | 33-4015 | GASKET - 6-pin plug | 1 |
| 12 | 41-5709 | CONNECTOR - sealed (8-pin) | 1 |
| 13 | 33-3908 | GASKET - 8-pin plug | 1 |
| 14 | 41-6256 | SEAL - wire | A/R |
| | 204-737 | TOOL - pin removal | 1 |
| | 204-1120 | TOOL - pin removal | 1 |


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| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 98-8290 | FRAME - condenser | 1 |
| | 55-9084 | INSERT (M6) | 25 |
| | 51-1880 | INSERT (M8) | 20 |
| 2 | 33-1371 | GROMMET (1.7 id) | 2 |
| 3 | 92-7522 | MEMBER - bottom | 1 |
| 4 | 92-7523 | ARCH - support | 1 |
| | 55-6764 | SCREW - arch | 2 |
| 5 | 92-7524 | BRACKET - front | 1 |
| | 92-9928 | BRACKET - front (units w/ micro channel coil) | 1 |
| 6 | 92-7525 | BRACKET - fuel filter | 1 |
| 7 | 92-7526 | BRACE - condenser coil | 1 |
| | 55-6215 | SCREW - bracket & support | 15 |
| | 55-7727 | LOCKWASHER | 15 |
| | 55-7069 | FLATWASHER | 15 |
| 8 | 92-7642 | NUTSTRIP - unit lifting | 2 |
| | 55-9495 | RIVET - nutstrip | 4 |
| 9 | 92-7521 | BRACKET - battery cable (see 236D0) | 1 |
| 10 | 98-8204 | STIFFENER - evaporator | 1 |
| | 55-5579 | SCREW - stiffener (M10 x 25) | 2 |
| | 55-6280 | SCREW - stiffener (M10 x 60) | 6 |
| | 55-1173 | LOCKWASHER | 8 |
| | 55-7072 | FLATWASHER | 8 |
| 11 | 98-8205 | BULKHEAD | 1 |
| | 98-8905 | BULKHEAD (heat option only) | 1 |
| 12 | 30-290 | GASKET - sill | 1 |
| 13 | 99-630 | T-BOLT (6.0 in lg) | A/R |
| | 92-8703 | T-BOLT (7.75 in lg) | A/R |
| | 99-214 | T-BOLT (9.6 in lg) | A/R |
| | 55-5234 | WASHER - special | 4 |
| | 55-3686 | NUT | 4 |
| 14 | 92-7527 | BLOCK - filler (T-570/600/800) | 2 |
| 15 | 92-9248 | BOLTSTRIP | 1 |
| | 55-9495 | RIVET - boltstrip | 1 |

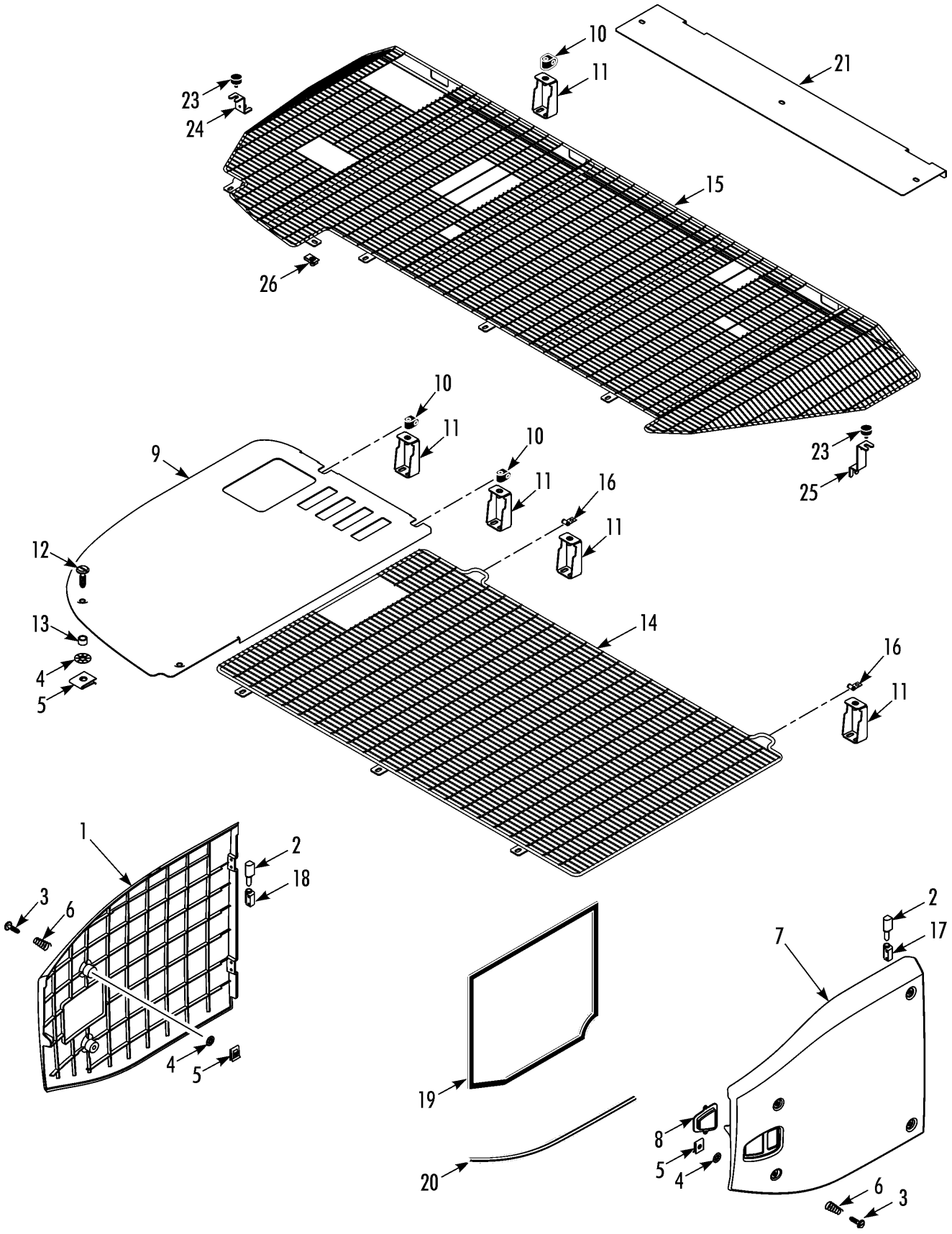

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| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 16 | 92-9654 | BRACKET - valve | 1 |
| | 92-9654 | BRACKET - valve (units w/ micro channel coil) | 1 |
| 17 | 92-7784 | BRACE - fanshaft | 1 |
| 18 | 51-2026 | BOLT - unit lifting | 3 |


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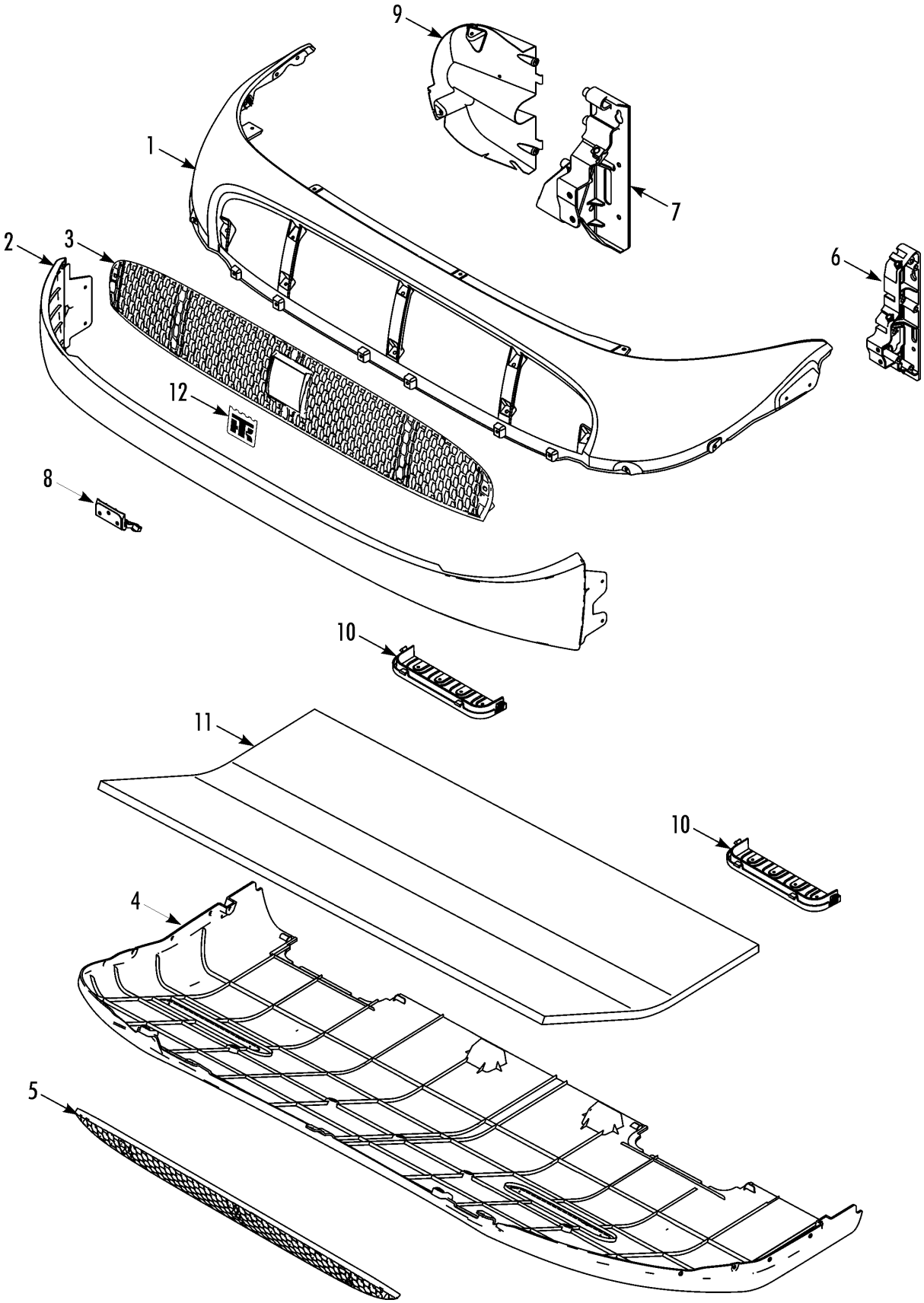
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 98-8023 | DOOR - engine (curbside, incl item 2) | 1 |
| 2 | 92-9610 | *HINGE - door (with pin, 2 per door) | 4 |
| | 55-7407 | *SCREW - hinge to door | 8 |
| | 55-7171 | *LOCKWASHER | 8 |
| | 55-7089 | *FLATWASHER | 8 |
| 3 | 51-1928 | FASTENER - door | 6 |
| 4 | 51-1117 | RETAINER - fastener | 6 |
| 5 | 55-4318 | NUT - U | 6 |
| 6 | 51-1927 | SPRING - fastener (door) | 4 |
| 7 | 98-8024 | DOOR - control box (roadside, incl items 2 & 8) | 1 |
| 8 | 92-7790 | *WINDOW - sightglass | 1 |
| | 55-7409 | SCREW - hinge to door | 1 |
| | 55-7171 | LOCKWASHER | 1 |
| | 55-7089 | FLATWASHER | 1 |
| 9 | 98-8247 | COVER - engine | 1 |
| 10 | 55-6544 | CLAMP - cover | 4 |
| 11 | 92-9129 | BRACKET - screen | 4 |
| | 55-8464 | SCREW - clamp | 4 |
| | 55-8782 | WASHER - special | 4 |
| | 55-7075 | FLATWASHER | 4 |
| | 55-8536 | FLATWASHER (M10) | 4 |
| 12 | 51-1926 | FASTENER - cover | 2 |
| | 55-8536 | FLATWASHER | 2 |
| 13 | 55-6023 | SPACER - fastener | 2 |
| | 55-7170 | LOCKWASHER | 4 |
| 14 | 98-8248 | SCREEN | 1 |
| 15 | 98-8471 | SCREEN - top (full cover, EMEIA) | 1 |
| 16 | 55-6544 | CLAMP - screen & cover | 4 |
| | 51-718 | SCREW - screen | 4 |
| | 55-8782 | WASHER - special | 4 |
| 17 | 91-8726 | HINGE - left (control box door) | 2 |
| 18 | 91-8725 | HINGE - right (engine door) | 2 |
| | 55-7407 | SCREW - hinge to frame | 8 |

Ref #15 (98-8471) ONLY for units built in Galway.

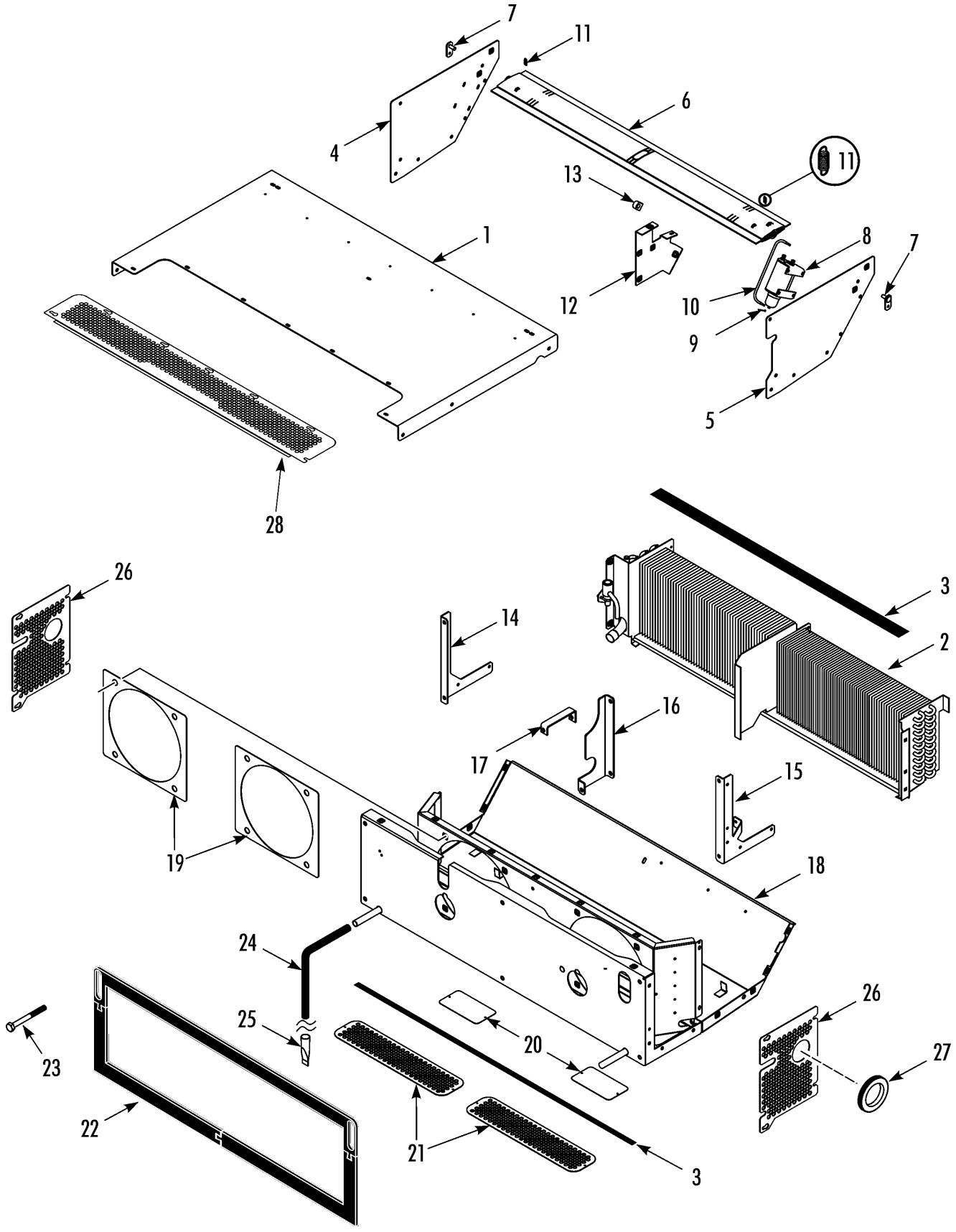

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| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| | 55-7171 | LOCKWASHER | 8 |
| | 55-7089 | FLATWASHER | 8 |
| 19 | 33-4504 | GASKET - control box door | 1 |
| 20 | 33-4522 | GASKET - control box door (lower) | 1 |
| 21 | 92-9119 | COVER - snow (optional) | 1 |
| | 55-4666 | SCREW - cover | 3 |
| | 55-9428 | WASHER | 6 |
| | 55-7007 | NUT | 3 |
| 22 | 51-1994 | U-NUT | 2 |
| 23 | 92-4480 | BUMPER - screen | 2 |
| | 55-4638 | FLATWASHER | 2 |
| | 55-7478 | LOCKWASHER | 2 |
| | 55-291 | NUT | 2 |
| 24 | 92-9945 | BRACKET - bumper (engine side) | 1 |
| 25 | 92-9944 | BRACKET - bumper (control box side) | 1 |
| | 55-4606 | SCREW - bracket | 2 |
| | 55-4638 | FLATWASHER | 2 |
| | 55-7478 | LOCKWASHER | 2 |

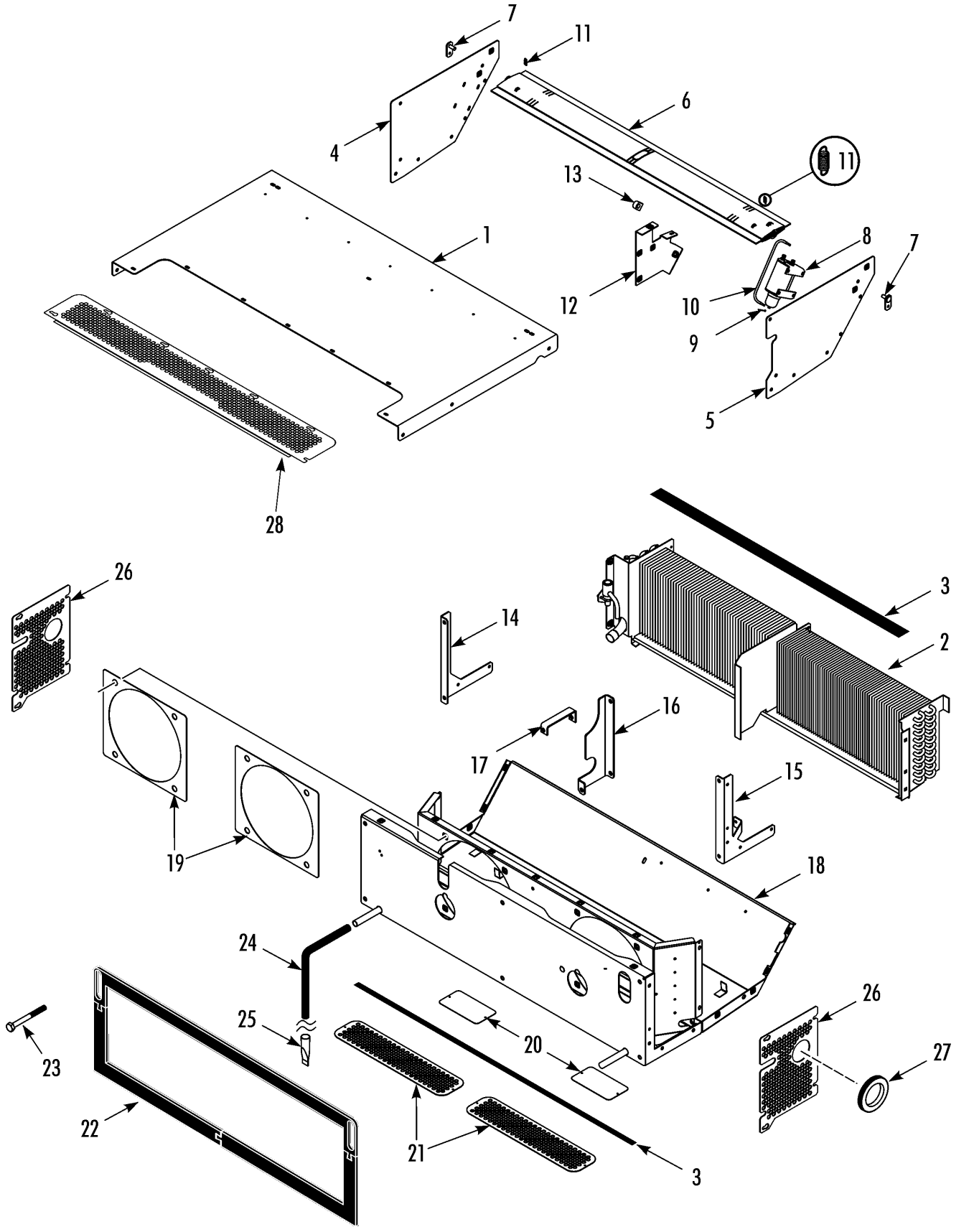
Ref #15 (98-8471) ONLY for units built in Galway.


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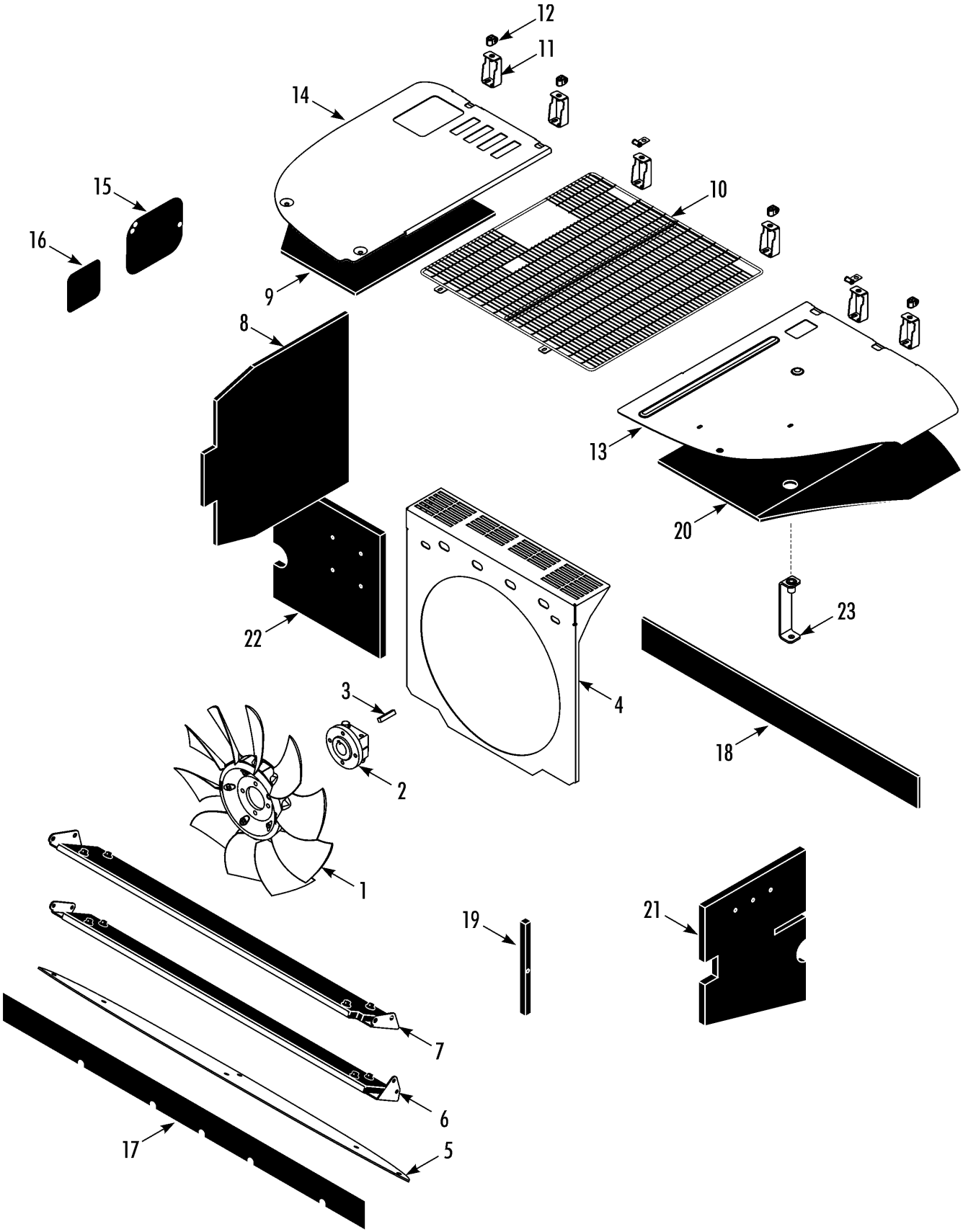
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 98-8022 | CAP - top | 1 |
| | 51-2123 | INSERT - threaded (M6) | 8 |
| | 51-2124 | INSERT - threaded (M5) | 1 |
| | 51-718 | SCREW - cap | 8 |
| 2 | 98-8018 | BAND - belly | 1 |
| | 51-718 | SCREW - belly | 8 |
| 3 | 98-8027 | GRILLE - upper | 1 |
| | 98-8445 | GRILLE - upper (chrome) | 1 |
| | 51-718 | SCREW - grille | 12 |
| 4 | 98-8017 | PANEL - condenser (bottom) | 1 |
| 5 | 98-8025 | *GRILLE - lower | 1 |
| | 98-8442 | GRILLE - lower (chrome) | 1 |
| | 55-9761 | SCREW - panel | 13 |
| 6 | 92-7032 | BRACKET - coil (engine side) | 1 |
| | 51-718 | SCREW - bracket to cap | 2 |
| 7 | 92-7033 | BRACKET - coil (control box side) | 1 |
| | 51-718 | SCREW - bracket to cap | 2 |
| 8 | 92-7034 | BRACKET - band | 1 |
| | 51-718 | SCREW - bracket to band | 3 |
| 9 | 92-7805 | PANEL - blockoff | 1 |
| | 51-718 | SCREW - panel to band | 4 |
| 10 | 92-7552 | CAP - hose management (see 236D0) | 2 |
| 11 | 33-4521 | SOUNDFOAM | 1 |
| 12 | 92-8668 | NAMPLATE - TK logo | 1 |


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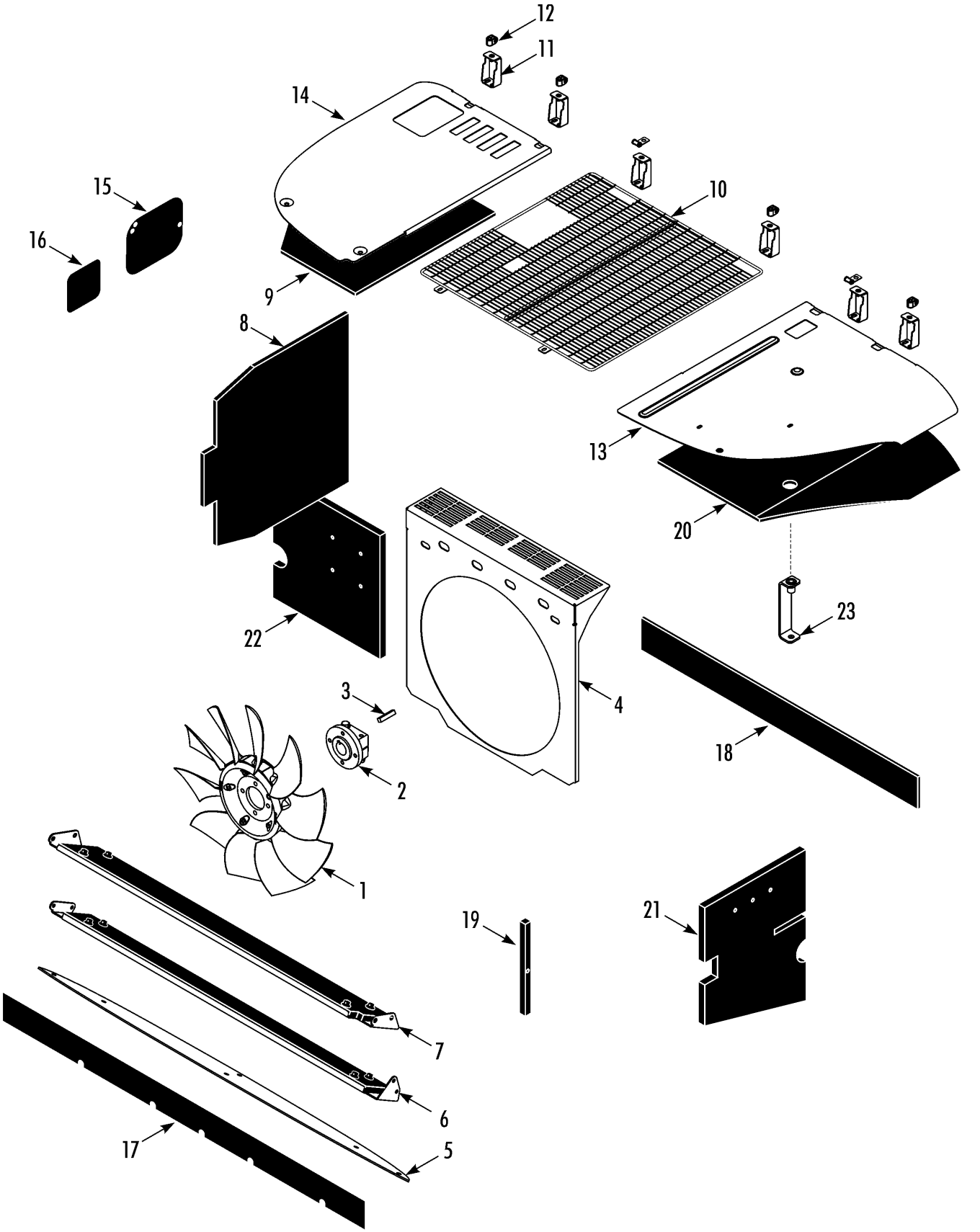
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 98-8208 | HOUSING - evaporator | 1 |
| | 55-9761 | SCREW - housing (M6 X 25) | 3 |
| | 51-718 | SCREW - housing (M6 X 16) | 8 |
| | 55-6997 | NUT - captive | 8 |
| 2 | 67-2422 | COIL - evaporator (see 235H3) | 1 |
| | 67-2730 | COIL - evaporator (unit w/ coolant option, see 259C9) | 1 |
| | 51-718 | SCREW - coil | 4 |
| 3 | 203-534 | SEALER - tape | A/R |
| 4 | 92-8272 | COVER - curb side | 1 |
| 5 | 92-8273 | COVER - road side | 1 |
| | 51-718 | SCREW - cover (M6 X 16) | A/R |
| 6 | 98-6687 | BLADE - damper | 1 |
| 7 | 92-8274 | PIVOT - blade | 2 |
| 8 | 44-2823 | SOLENOID - damper | 1 |
| | 91-3095 | *COVER - plunger | 1 |
| | 55-2762 | *BOLT - eye | 1 |
| | 44-2847 | *PLUNGER | 1 |
| | 44-2756 | DIODE | 1 |
| | 51-718 | SCREW - solenoid | 4 |
| | 92-7541 | NUTSTRIP - solenoid | 2 |
| 9 | 55-2550 | PIN - cotter | 2 |
| | 55-2001 | FLATWASHER | 2 |
| 10 | 99-9953 | ROD - damper solenoid | 1 |
| 11 | 91-861 | SPRING - damper blade | 2 |
| 12 | 92-8275 | BRACKET - housing support | 1 |
| 13 | 91-759 | CLAMP - damper blade | 1 |
| | 55-8316 | SCREW - clamp | 1 |
| | 55-7075 | FLATWASHER | 2 |
| | 55-7008 | NUT | 1 |
| 14 | 92-7537 | BRACKET - drain pan (roadside) | 1 |
| 15 | 92-7536 | BRACKET - drain pan (curbside) | 1 |
| | 51-718 | SCREW - bracket (4 each bracket) | 8 |
| 16 | 92-7538 | BRACKET - evaporator (vertical) | 1 |


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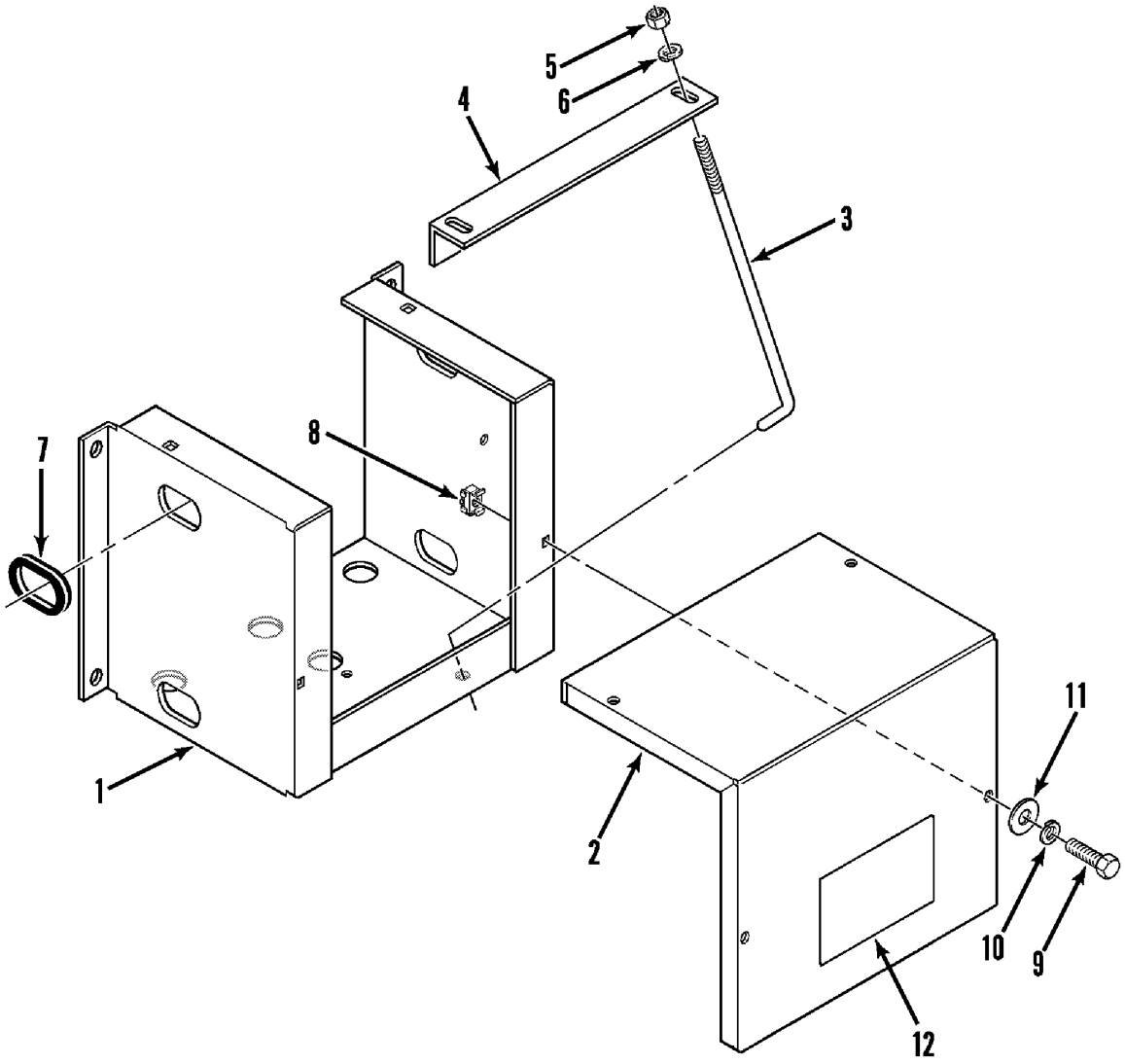
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 17 | 92-8610 | BRACKET - evaporator (horizontal) | 1 |
| | 55-7372 | SCREW - bracket | 2 |
| | 55-7075 | FLATWASHER | 2 |
| | 55-7170 | LOCKWASHER | 2 |
| 18 | 98-8207 | BASE - drain pan (before 11/11) | 1 |
| | 98-8904 | BASE - drain pan (11/11 & after) | 1 |
| | 98-8987 | BASE - drain pan (coolant heat option) | 1 |
| 19 | 98-8209 | ORIFICE - evaporator fan | 2 |
| | 55-6994 | SCREW - orifice | 8 |
| | 55-3045 | WASHER - dome | 8 |
| | 55-6997 | NUT - captive | 8 |
| 20 | 92-9531 | COVER - evaporator (bottom) | 2 |
| 21 | 92-7650 | SCREEN - evaporator | 2 |
| | 55-5635 | SCREW - cover & screen | 4 |
| 22 | 30-290 | KIT - sill gasket | 1 |
| 23 | 55-7375 | SCREW - evaporator to frame (100 mm lg) | 1 |
| | 51-111 | SCREW - evaporator to frame (140 mm lg) | 5 |
| | 55-8536 | FLATWASHER | 6 |
| | 55-7348 | NUT | 6 |
| 24 | 98-6722 | HOSE - evaporator drain | 2 |
| | 51-1989 | CLAMP - hose (24MM) | 2 |
| 25 | 66-1273 | VALVE - check | 2 |
| 26 | 98-8800 | SCREEN - evaporator | 2 |
| | 55-9495 | RIVET - screen | 4 |
| 27 | 33-2361 | GROMMET | 1 |
| 28 | 98-8908 | GUARD - top | 1 |


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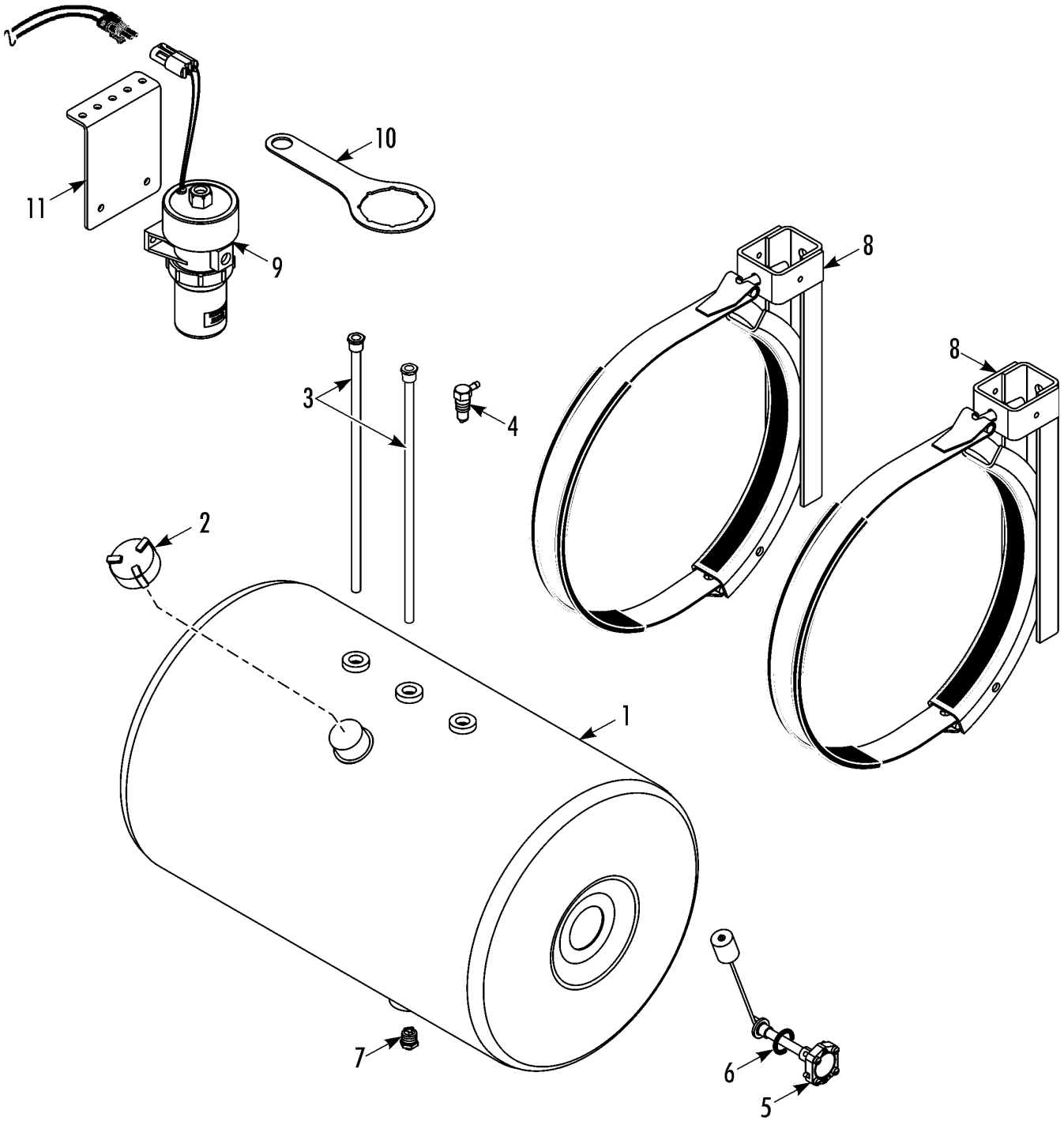
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 78-1708 | FAN - condenser (Ldb) | 1 |
| | 55-141 | SCREW - fan (3/4 lg) | 4 |
| | 55-790 | LOCKWASHER | 4 |
| 2 | 77-2867 | HUB - fan | 1 |
| | 55-141 | SCREW - hub (3/4 lg) | 2 |
| | 55-8650 | SCREW - hub (2 lg) | 2 |
| | 55-790 | LOCKWASHER | 2 |
| | 55-371 | FLATWASHER | 2 |
| 3 | 55-7555 | KEY | 1 |
| 4 | 98-8366 | ORIFICE - condenser fan | 1 |
| 5 | 92-7953 | PANEL - blockoff | 1 |
| 6 | 92-7957 | LOUVER - middle | 1 |
| 7 | 92-7956 | LOUVER - upper | 1 |
| 8 | 33-4525 | SOUNDFOAM - engine door | 1 |
| | 33-5077 | SOUNDFOAM - engine door | 1 |
| | 51-2375 | BUTTON - trim | 4 |
| 9 | 33-4526 | SOUNDFOAM - engine cover | 1 |
| | 51-1984 | CLIP - foam retainer | 5 |
| 10 | 98-8774 | SCREEN - top | 1 |
| | 51-1929 | SCREW - screen (16mm) | 2 |
| | 55-8782 | WASHER | 8 |
| | 55-4318 | U-NUT | 2 |
| 11 | 92-9129 | BRACKET - screen | 6 |
| 12 | 55-2536 | CLAMP - screen & control box cover | 2 |
| | 55-6544 | CLAMP - engine cover | 2 |
| 13 | 98-8775 | COVER - control box | 1 |
| 14 | 98-8247 | COVER - engine (see 236D5) | 1 |
| | 51-1929 | SCREW - cover (16mm) | 5 |
| 15 | 92-9114 | BARRIER - back channel | 4 |
| 16 | 92-9115 | BARRIER - back channel | 2 |
| 17 | 92-9116 | BARRIER - front channel | 1 |
| 18 | 92-9117 | FOAM - frame (rear) | 1 |
| 19 | 92-9118 | FOAM - frame (front) | 1 |


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| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 20 | 92-9128 | FOAM - sound (cover) | 1 |
| 21 | 92-9130 | FOAM - sound (front control box end) | 1 |
| 22 | 92-9131 | FOAM - sound (front engine end) | 1 |
| | 33-5078 | FOAM - sound (front engine end) | 1 |
| 23 | 93-1170 | BRACKET - cover | 1 |
| | 51-1929 | SCREW - bracket | 2 |
| | 55-8782 | WASHER - special | 1 |


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| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| | 45-897 | BOX - battery (does not include battery) | 1 |
| 1 | 98-2011 | *BOX - battery | 1 |
| 2 | 98-1957 | *COVER - battery box | 1 |
| 3 | 99-5716 | *ROD - battery holddown (13.5 lg) | 2 |
| | 99-7170 | *ROD - battery holddown (11.25 lg) | 2 |
| 4 | 91-1344 | *ANGLE - battery holddown | 1 |
| 5 | 55-2542 | *NUT | 2 |
| 6 | 55-371 | *FLATWASHER | 2 |
| 7 | 33-1371 | *GROMMET | 2 |
| 8 | 55-4974 | *NUT - captive | 4 |
| 9 | 55-3018 | *SCREW - cover | 4 |
| 10 | 55-2993 | *LOCKWASHER | 4 |
| 11 | 55-2086 | *FLATWASHER | 4 |
| 12 | 99-4490 | NAMEPLATE - Warning | 1 |
| | 99-5714 | NAMEPLATE - Corrosive | 1 |
| | 99-5715 | NAMEPLATE - recommended batteries | 1 |
| | 203-339 | BATTERY (480CCA) | 1 |
| | 203-340 | BATTERY (625CCA) | 1 |
| | 203-774 | BATTERY (640 CCA) | 1 |
| | 203-777 | BATTERY - EON (880 CCA) | 1 |


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| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 12-927 | TANK - fuel (30 gal 18 dia) | 1 |
| 2 | 11-7984 | *CAP - fuel tank | 1 |
| 3 | 11-5331 | *TUBE - fuel | 2 |
| 4 | 55-5617 | *VENT - check | 1 |
| 5 | 11-2593 | *GAUGE - fuel | 1 |
| | 11-5450 | **DIAL - fuel gauge | 1 |
| 6 | 33-4818 | **O-RING - gauge to tank | 1 |
| 7 | 11-9134 | *DRAIN - ball check | 1 |
| 8 | 98-8077 | BAND - fuel tank | 2 |
| | 55-3686 | NUT | 2 |
| | 55-5431 | FLATWASHER | 2 |
| 9 | 41-7059 | PUMP - fuel | 1 |
| | 10-376 | *KIT - filter (diesel) | 1 |
| | 10-378 | *KIT - bowl & gasket | 1 |
| | 33-4256 | *GASKET - bowl to body | 1 |
| 10 | 204-1166 | WRENCH - fuel bowl | 1 |
| 11 | 92-5656 | BRACKET - fuel pump | 1 |
| | 55-1587 | SCREW - bracket | 2 |
| | 55-4953 | NUT | 2 |

THERMO KING
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Ingersoll Rand
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T-580R
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T-680S
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T-680R
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T-880S
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T-880R
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T-1080S
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T-1080R
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SPECTRUM
11

whisper
12

R 404A
REFRIGERANT TYPE
COMPRESSOR OIL TYPE
13

203-513
POLYOL ESTER ISO 35
14

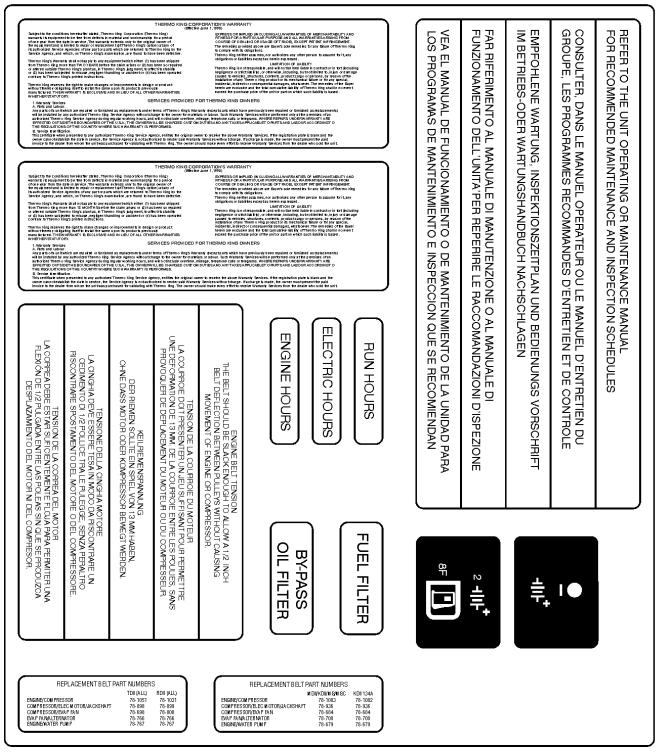
R 404A
15

LPCO EQUIPPED - DISCONNECT PRIOR TO PUMPDOWN
EQUIPE DE LPCO - A DEBRANCHER AVANT LE POMPAGE
MIT LPCO AUSGESTATTET - VOR DEM AUSPUMPEN ABSCHALTEN
EQUIPAGGIATO CON LPCO - SCONNETTERE PRIMA DELL'EVACUAZIONE
EQUIPADO CON LPCO - DESCONECTAR ANTES DE BOMBEAR A VACIO
16

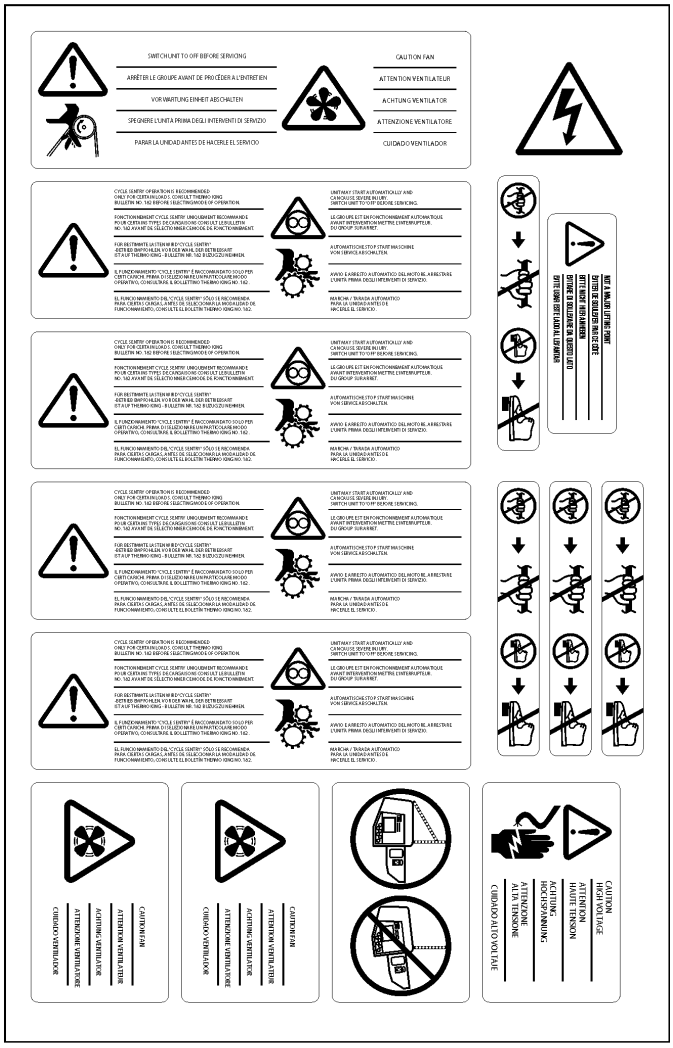
ZONE 1
17

ZONE 2
18

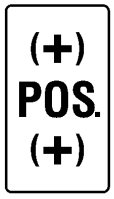
| REF | PART NO. | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 92-8668 | NAMEPLATE - TK Logo | 1 |
| 2 | 92-7654 | NAMEPLATE - Thermo King | 1 |
| | 92-9615 | NAMEPLATE - Thermo King (white) | 1 |
| 3 | 92-7367 | NAMEPLATE - IR Logo | 1 |
| 4 | 93-631 | NAMEPLATE - T-680S | 1 |
| | 93-638 | NAMEPLATE - T-680S (white) | 1 |
| 5 | 93-633 | NAMEPLATE - T-880S | 1 |
| | 93-640 | NAMEPLATE - T-880S (white) | 1 |
| 6 | 93-635 | NAMEPLATE - T-1080S | 1 |
| | 93-643 | NAMEPLATE - T-1080S (white) | 1 |
| 7 | 93-628 | NAMEPLATE - T-580R | 1 |
| | 93-636 | NAMEPLATE - T-580R (white) | 1 |
| 8 | 93-629 | NAMEPLATE - T-680R | 1 |
| | 93-637 | NAMEPLATE - T-680R (white) | 1 |
| 9 | 93-632 | NAMEPLATE - T-880R | 1 |
| | 93-639 | NAMEPLATE - T-880R (white) | 1 |
| 10 | 93-634 | NAMEPLATE - T-1080R | 1 |
| | 93-641 | NAMEPLATE - T-1080R (white) | 1 |
| 11 | 92-9112 | NAMEPLATE - SPECTRUM | 1 |
| 12 | 92-8726 | NAMEPLATE - WHISPER (black) | 1 |
| | 92-9616 | NAMEPLATE - WHISPER (white) | 1 |
| 13 | 91-5886 | NAMEPLATE - R404A | 1 |
| 14 | 92-324 | NAMEPLATE - Compressor Oil | 1 |
| 15 | 91-5882 | NAMEPLATE - R404A | 1 |
| 16 | 91-5658 | NAMEPLATE - LPCO Switch | 1 |
| 17 | 92-2053 | NAMEPLATE - Zone 1 | 1 |
| 18 | 92-2054 | NAMEPLATE - Zone 2 | 1 |




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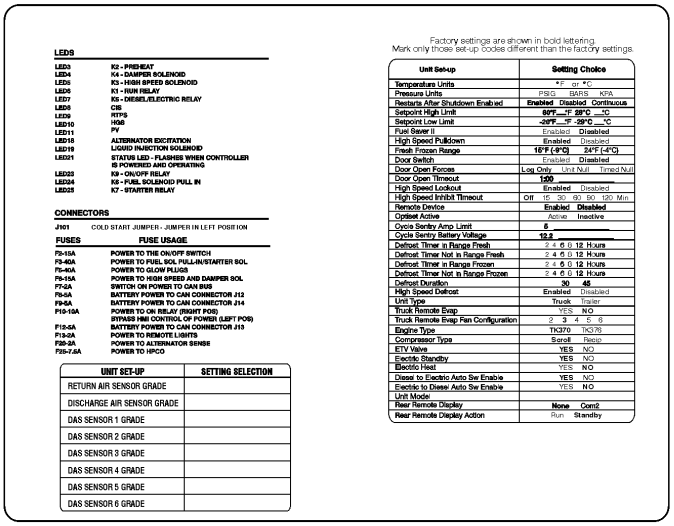

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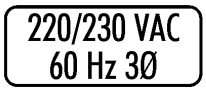
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| REF | PART NO. | DESCRIPTION | QTY |
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| 1 | 93-645 | NAMEPLATE - consolidated (instructions & identifacation) | 1 |
| 2 | 93-644 | NAMEPLATE - consolidated (warning) | 1 |
| 3 | 99-4660 | NAMEPLATE - Positive | 1 |
| 4 | 99-4661 | NAMEPLATE - Negative | 1 |
| 5 | 92-8824 | NAMEPLATE - Relay Board (SR-3) | 1 |
| | 93-559 | NAMEPLATE - Relay Board (SR-3 MT) | 1 |
| 6 | 99-9084 | NAMEPLATE - Arrow | 1 |
| 7 | 91-2368 | NAMEPLATE - 220 VAC 50Hz 3 phase | 1 |
| 8 | 91-1920 | NAMEPLATE - 220-230 VAC 60Hz 3 phase | 1 |
| 9 | 92-4320 | NAMEPLATE - 230 VAC 50Hz 3 phase | 1 |
| 10 | 99-9700 | NAMEPLATE - 380 VAC 50 Hz 3 phase | 1 |
| 11 | 92-4321 | NAMEPLATE - 400 VAC 50Hz 3 phase | 1 |
| 12 | 92-4322 | NAMEPLATE - 400/460 VAC 50/60Hz 3 phase | 1 |

Ingersoll Rand

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