



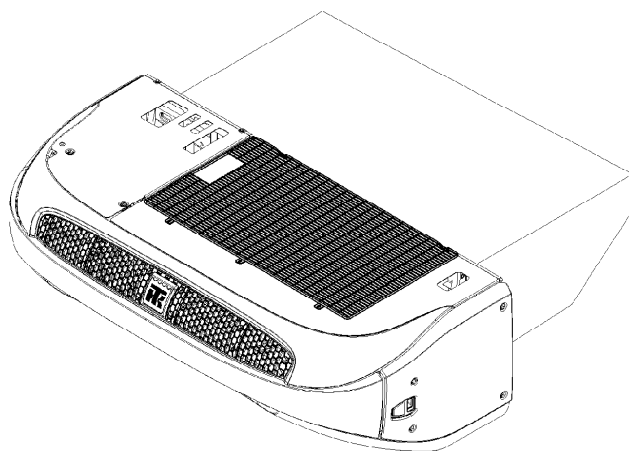
Parts Manual

T-680R TSA

TK 55627-1-PM (Rev. 4-6-18)

T-680R TSA

55627



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General Information

Table 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.

Contact Information

Customer Service:

844-TKCOLDE (844-852-6533)

Dealer Locator:

<http://dealers.thermoking.com/dealer-locator.html>

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 NO.	DESCRIPTION	QTY
	451239	PANEL - assy, switch	1
1	991960	*PANEL	1
	996280	**NAMEPLATE - panelx	1
2	330743	*GASKET	1

For example: The Switch Panel Nameplate (996280) is available separately, available as part of the Switch Panel (991960) and with the Panel Assembly (451239).

ABBREVIATIONS:

The following abbreviations appear in Parts Manuals.

A ACalternating current	extexternal	pkgpackage
A/Ras required	F FFahrenheit	phphase
accumaccumulator	fillfillister	pospositive
adjadjusting	fifuel injection	psipounds per square inch
alaluminum	flflare	R radradiator
altalternator	fptfemale pipe thread	rcvrreceiver
A or ampampere	ftfeet	refreference
assyassembly	ftgfitting	regregulator
ASQAsk for Quote	galgallon	reqrequired
B bdboard	G hexhexagon	rpmrevolutions per minute
brgbearing	H hhhexagon head	S secsecond
brkrbreaker	hdhead	sldsolder
brktbracket	hphorsepower	soc hdsocket head
C CCelsius	hsghousing	solsolenoid
cwclockwise	I idinside diameter	splspecial
ccwcounter-clockwise	ininch (2.54 cm)	sqsquare
camcamshaft	inclincludes	ssstainless steel
cmcentimeters	injinjection	stdstandard
comprcompressor	intinternal	stlsteel
condcondenser	int thinternal tooth	suctsuction
connconnector	K kWkiloWatt	swswitch
cylcylinder	L LLiter (Litre)	T TBDTo Be Determined
D defdefrost	liqliquid	termterminal
degdegree	lglong	temptemperature
dehyddehydrator	M MMeter (Metre)	thkthick
diadiameter	mmMillimeter (Millimetre)	TSATransport Solutions Americas
DCdirect current	mptmale pipe thread	U usundersize
discdischarge	modmodulating	V vibvibrasorber
diffdifferential	N negnegative	VVolt
E EMIExtended	Nonumber	W Wwatt
Maintenance Interval	NSnot supplied	w/with
EMEIAEurope, Middle East, India and Africa	NSSnot sold separately	w/owithout
engengine	O osoversized	
exchexchanger	odoutside diameter	
expexpansion	orso-ring seal	
	P pcbprinted circuit board	

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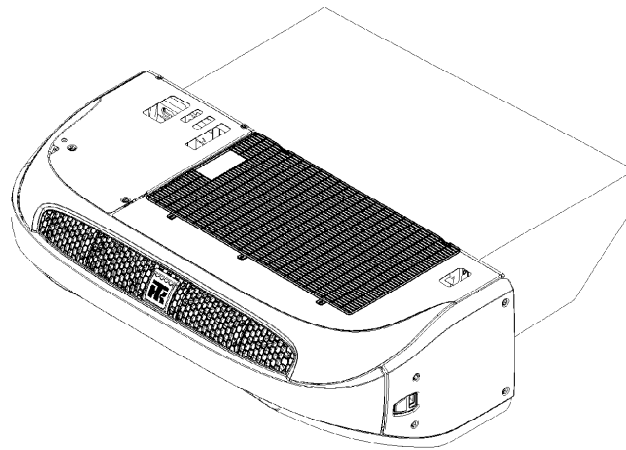
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18U63



T-680R TSA REFERENCE SHEET

Revised
09/16/17



Revised
09/16/17**T-680R TSA REFERENCE SHEET****18U63**

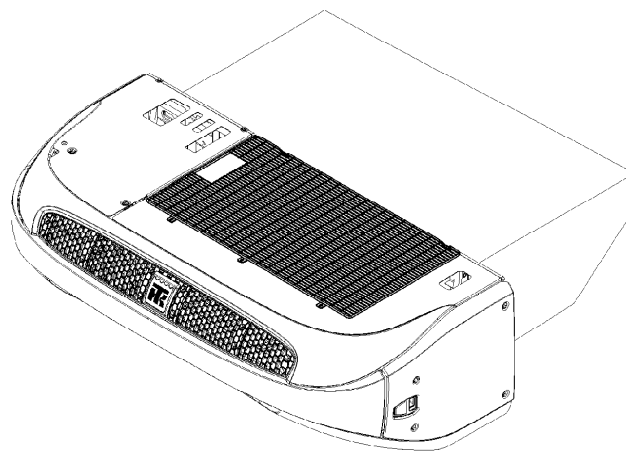
B/M	DESCRIPTION
902375	System - T-680R 30 TSA
902376	System - T-680R 50 TSA 230/3/60
902377	System - T-680R 50 TSA 460/3/60
097790	T-680R 30 SR TSA
097791	T-680R 50 TSA 230/3/60
097793	T-680R 50 TSA 460/3/60
088258	DAS datalogger TSA
088275	Side Screens, Evaporator
088292	Evaporator Heaters
088296	Thermometer F EZ Read
088297	Thermometer C EZ Read
088302	DAS datalogger & TracKing TSA
088325	Remote Control Box
088562	Engine Block Heater
088837	Service Watch Port
088841	Electric Plug - 20A 460 V
088839	European Receptacle 400/3/50
088884	Extended Power Cable 460V 20A
088888	Extended Harnesses
088891	Premium HMI Extended harness
088899	Standard HMI Extended harness
097645	Ldb w/ Top Screen
097657	Chrome Grille
097675	Electric Plug - 30A 250 V
097692	Top Screen
097669	Ldb w/ Top Screen
097699	Quickconnect oil drain
097739	Premium Display - HMI
097756	Power Plug 50A 230 V

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T-680R TSA REFERENCE SHEET

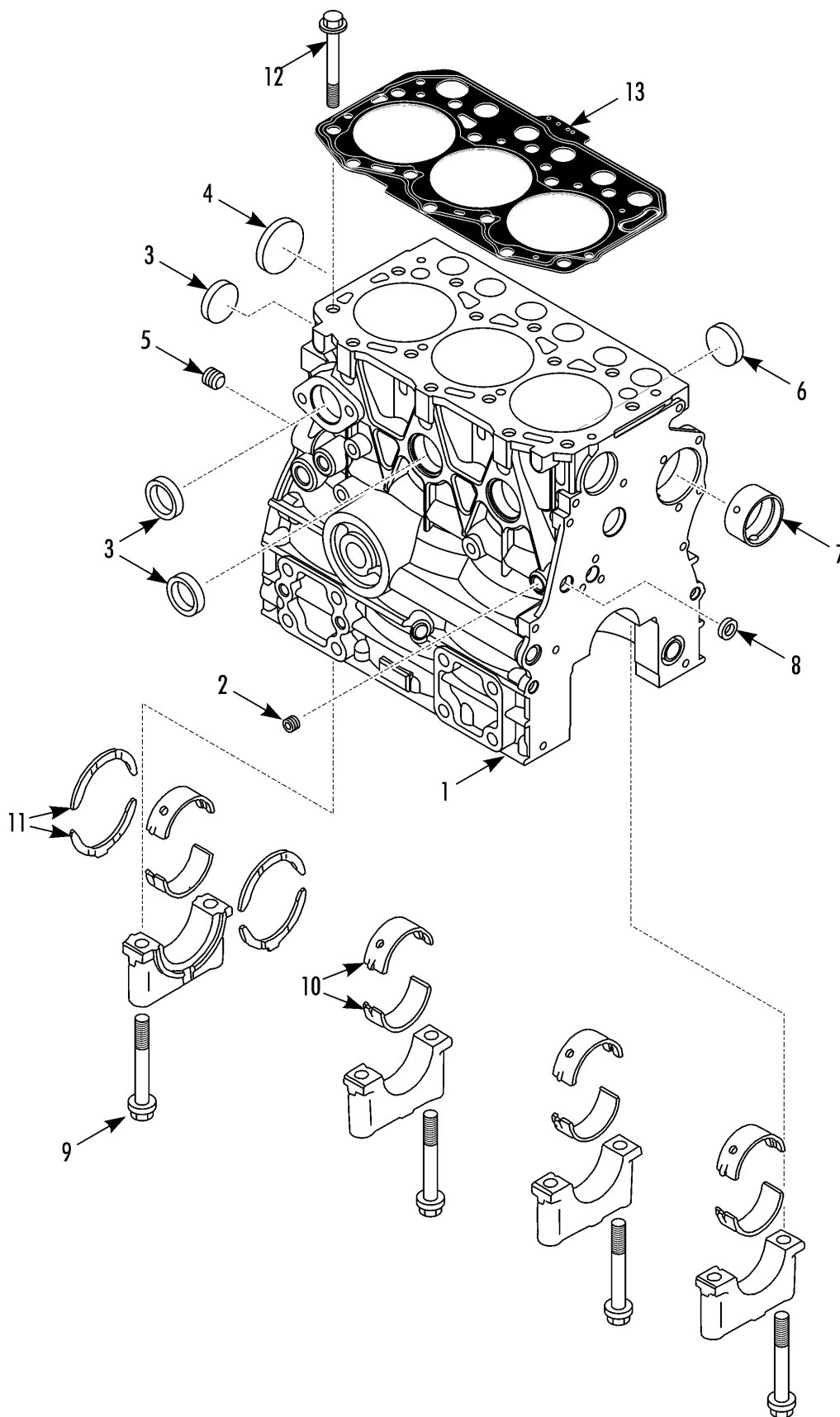
Revised
09/16/17



Revised
09/16/17

T-680R TSA REFERENCE SHEET**18U63**

B/M	DESCRIPTION
097765	Extended Power Cable 30A 230V
700248	Door Switch
700250	Door Switch, 3 wire
700534	Door Switch ERC-3
700955	Hose Management Kit
700956	Hose Management Kit, Curved
701299	Remote Status Lights
701468	Fuel Tank 30 Gal
701651	Flush Mount Controller
702177	Snow Cover
718350	DAS Sensor 10 ft
718351	DAS Sensor 20 ft
718352	DAS Sensor 40 ft
800373	Installation Kit TSA
810044	Battery Box TSA

267B1**CYLINDER BLOCK (3TNV74)**Revised
09/16/17

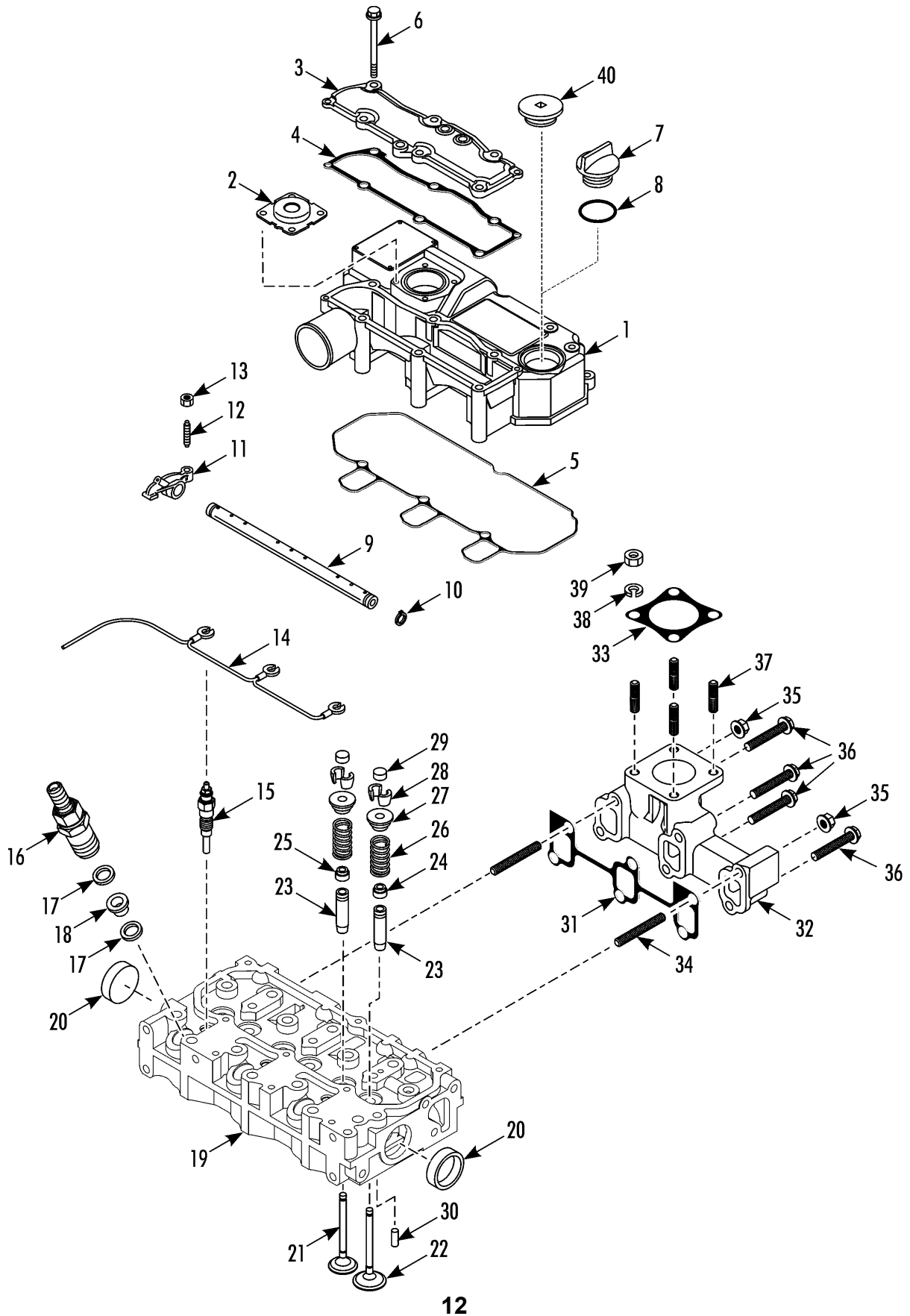
Revised
09/16/17

CYLINDER BLOCK (3TNV74)



267B1

REF	PART NO.	DESCRIPTION	QTY
	1010421	ENGINE ASSEMBLY (3TNV74)	1
1	NSS	BLOCK - cylinder	1
2	554593	* PLUG (1/8)	1
3	115499	* PLUG (30 mm)	4
4	510590	* PLUG (45 mm)	1
5	556176TKA	* PLUG (1/4)	1
6	555779	* PLUG (25 mm)	3
7	130843	* BUSHING - camshaft	1
8	116555	* PLUG (12 mm)	1
9	556178TKA	* BOLT	8
10	130844	* BEARING - main	4
	130846	* BEARING - main (0.25 US)	4
11	130553	* BEARING - thrust (set of 2)	1
	130845	BEARING - thrust (set of 2, (0.25 US)	1
12	510625	SCREW - cylinder head	14
13	335071	GASKET - cylinder head	1
	300316	GASKET SET (see 214A1)	1

267B2**CYLINDER HEAD AND COVER (3TNV74)**Revised
09/16/17

Revised
09/16/17**CYLINDER HEAD AND COVER (3TNV74)****267B2**

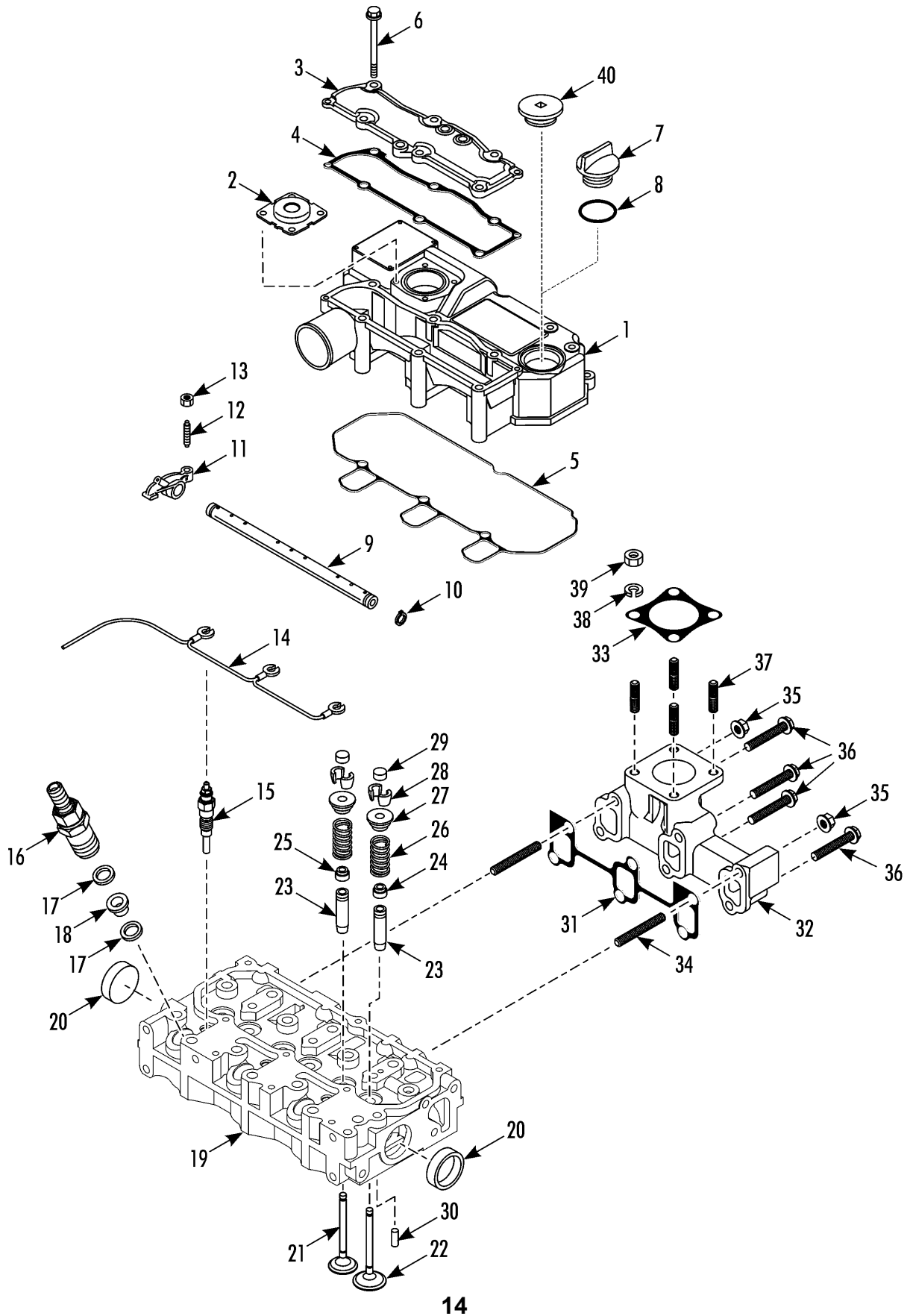
REF	PART NO.	DESCRIPTION	QTY
1	130561	COVER - cylinder head	1
2	130339	* VALVE - diaphragm	1
	334091	* O-RING - diaphragm	1
3	130562	* COVER - intake	1
4	130563	* GASKET - intake manifold	1
5	334210	* GASKET - cover	1
6	510600	SCREW - valve cover	6
7	115091	COVER - filler (see note)	1
8	331954	O-RING - oil filler	1
9	130559	SHAFT - rocker	1
10	116579	CIRCLIP	2
11	119657	ARM - rocker	6
12	558859	* SCREW - valve	6
13	558860	* NUT - adjust	6
14	416702	CONNECTOR - glow plug	1
15	420916	GLOW PLUG	3
16	131391	VALVE - injection	3
17	331733	GASKET - nozzle	6
18	119646	PROTECTOR - nozzle	3
19	120995	HEAD ASSEMBLY - cylinder	1
20	555806	* PLUG (35 mm)	2
21	131357	* VALVE - exhaust	3
22	131354	* VALVE - intake	3
23	130556	* GUIDE - valve	6
24	119653	* SEAL - valve stem (intake)	3
25	119654	* SEAL - valve stem (exhaust)	3
26	119650	* SPRING - valve	6
27	119651	* RETAINER - spring	6
28	119652	* KEEPER - valve	12

For more information, see Service Bulletin TT694

267B2



CYLINDER HEAD AND COVER (3TNV74)

Revised
09/16/17

Revised
09/16/17

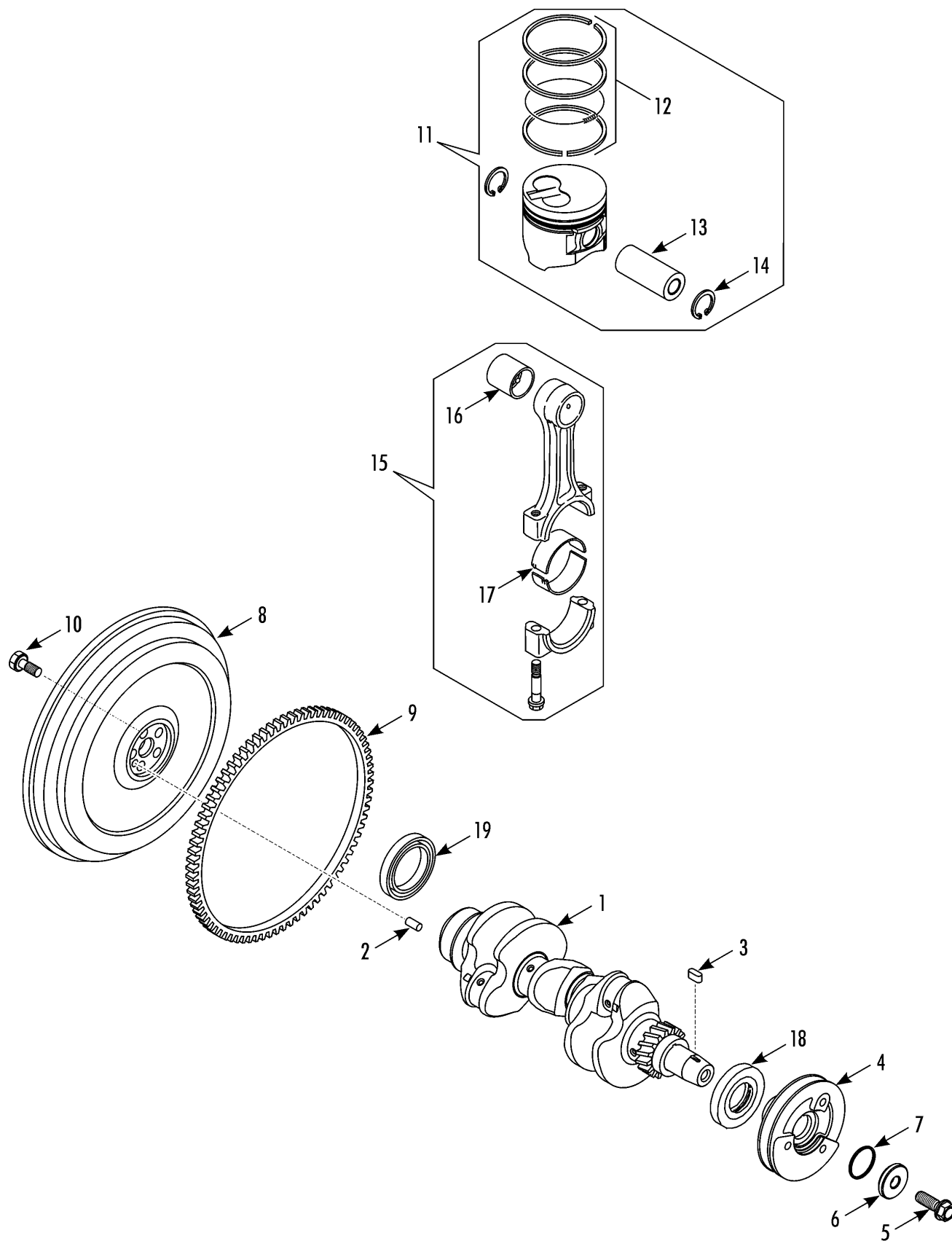
CYLINDER HEAD AND COVER (3TNV74)



267B2

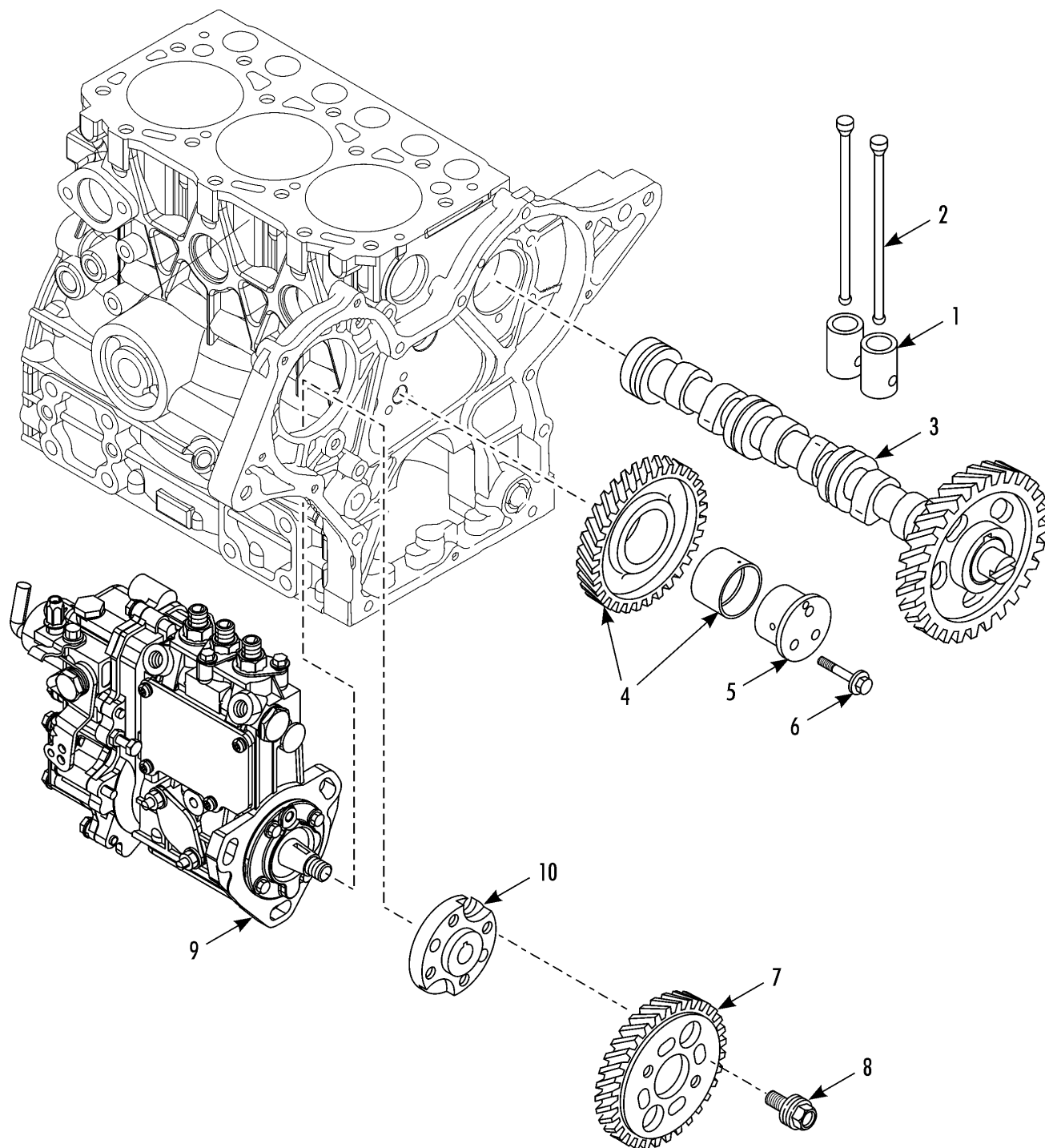
REF	PART NO.	DESCRIPTION	QTY
29	119647	CAP - valve	6
30	555803	SPRING - pin	2
31	333824	GASKET - exhaust manifold	1
32	131028	MANIFOLD - exhaust	1
33	331907	GASKET - silencer	1
34	510601TKA	STUD - manifold	2
35	510594	NUT - manifold	2
36	510602TKA	SCREW - manifold	4
37	556184	STUD - exhaust pipe	4
38	556183	LOCKWASHER	4
39	556186	NUT - exhaust pipe	4
40	118923	PLUG - oil fill hole (see note)	1
	300316	GASKET SET (see 267B8)	1

For more information, see Service Bulletin TT694

267B3**CRANKSHAFT & PISTON (3TNV74)**Revised
09/16/17

Revised
09/16/17**CRANKSHAFT & PISTON (3TNV74)****267B3**

REF	PART NO.	DESCRIPTION	QTY
1	120993	CRANKSHAFT - assembly	1
2	555816	* PIN - dowel (flywheel)	1
3	555813	* KEY - gear	1
4	773090	PULLEY - crankshaft	1
5	512363	SCREW - pulley	1
6	131611	WASHER	1
7	512364	WASHER - packing	1
8	120994	FLYWHEEL - assembly	1
9	117031	* GEAR - ring	1
10	556382	SCREW - flywheel	5
11	131358	PISTON KIT (std, incl rings, pin & circlip)	3
12	131359	* RING SET (std)	3
	131361	PISTON KIT (0.25 os, incl rings, pin & circlip)	3
	131362	* RING SET (0.25 os)	3
13	119673	* PIN - piston	3
14	119674	* CIRCLIP	6
15	130569	ROD - connecting	3
16	130413	* BUSHING - wrist pin	1
17	130851	* BEARING - connecting rod	1
	130852	BEARING - connecting rod (0.25 us)	1
18	333819	SEAL - oil (coolant pump end)	1
19	334123	SEAL - oil (flywheel end)	1

267B4**CAMSHAFT & DRIVING GEAR (3TNV74)**Revised
09/16/17

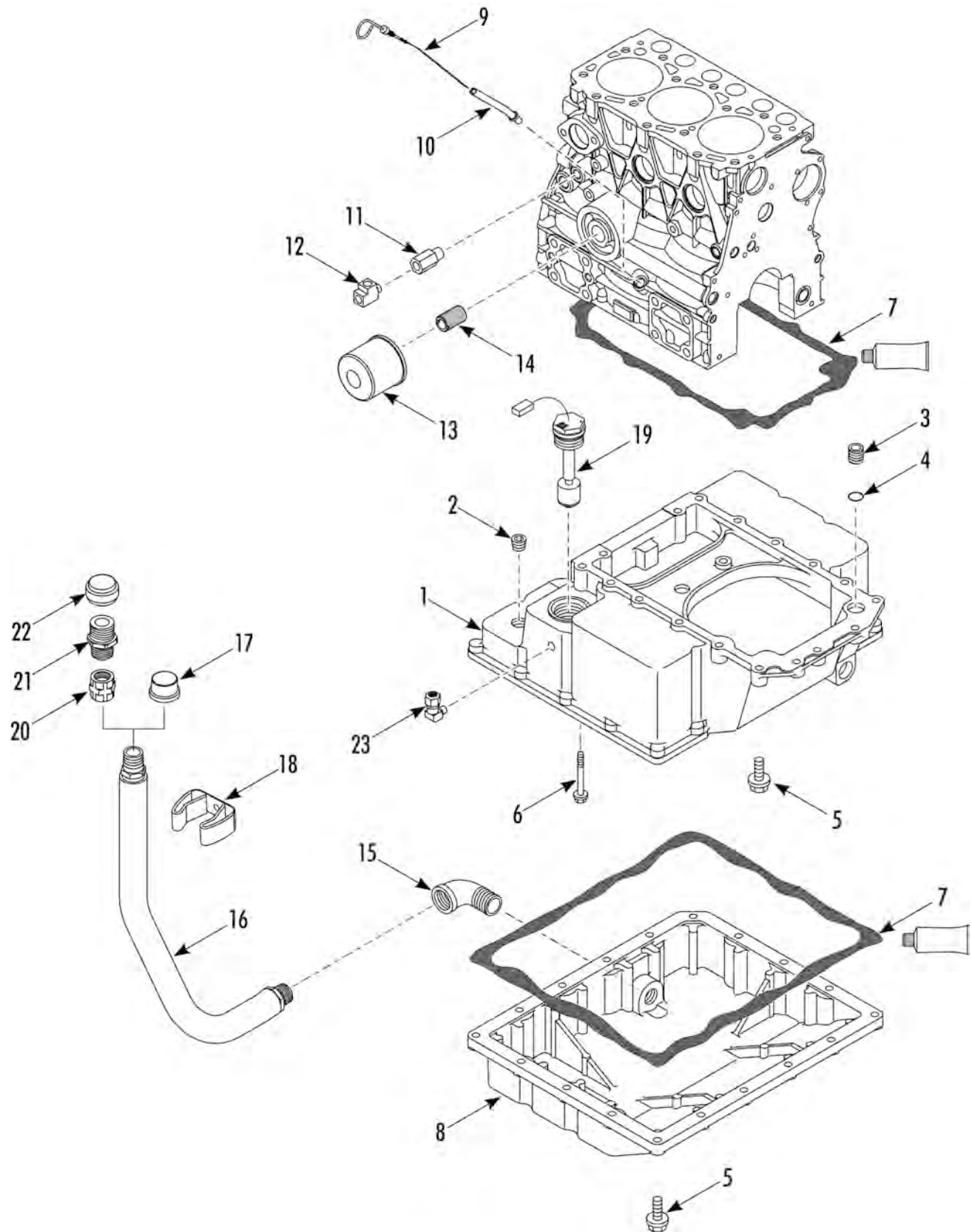
Revised
09/16/17

CAMSHAFT & DRIVING GEAR (3TNV74)



267B4

REF	PART NO.	DESCRIPTION	QTY
1	116590TKA	TAPPET	6
2	130564	ROD - push	6
3	131364	CAMSHAFT - gear & plate	1
4	130850	GEAR ASSEMBLY - idle	1
5	119666	SHAFT - idle gear	1
6	555770	SCREW - idle shaft	3
7	119668	GEAR - injection pump	1
8	559222	SCREW - gear	4
9	1010399	PUMP - fuel injection (see 267B7, 3TNV74)	1
10	130422TKA	FLANGE - pump	1

267B5**OIL SUMP (3TNV74)**Revised
09/16/17

Revised
09/16/17

OIL SUMP (3TNV74)

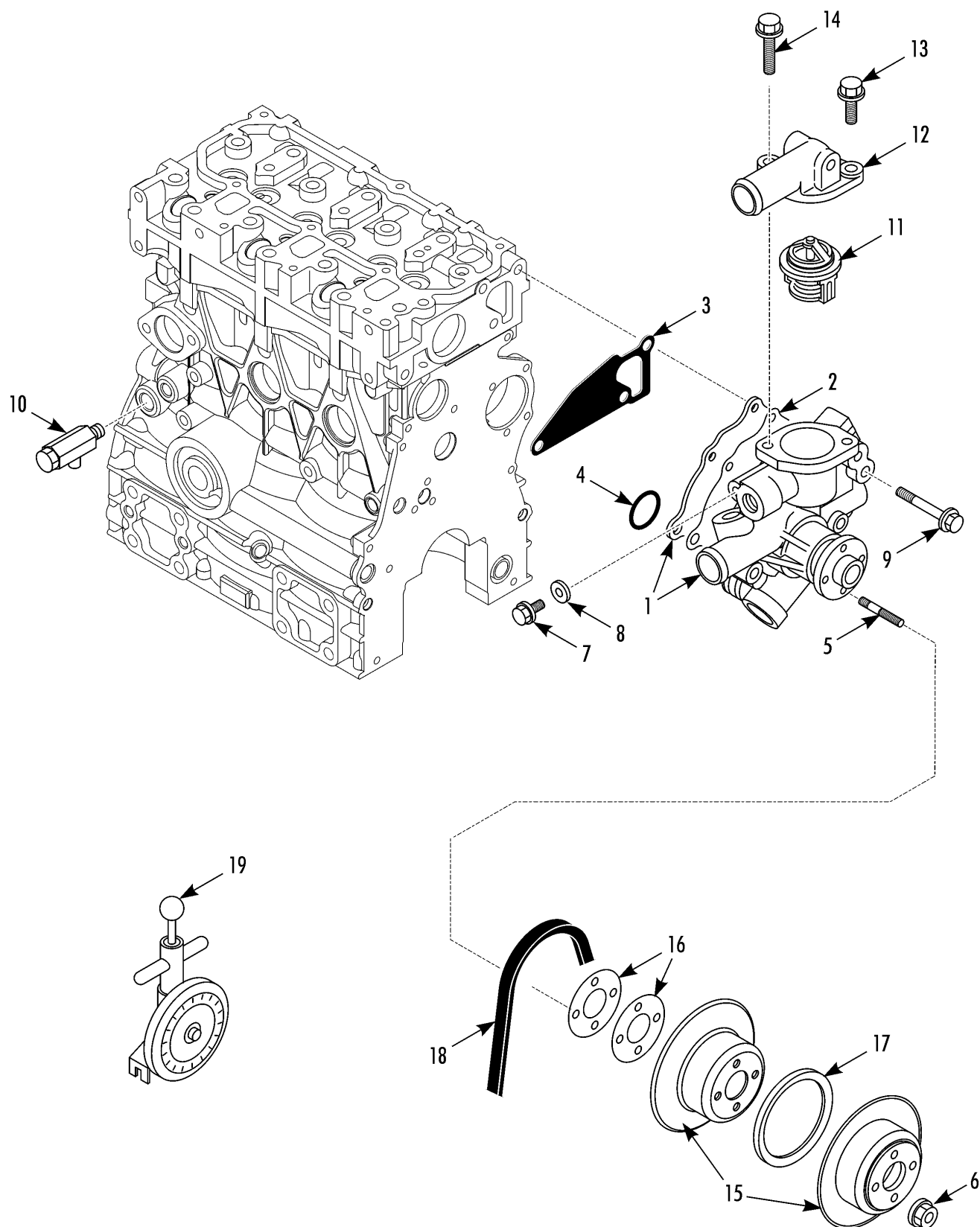


267B5

REF	PART NO.	DESCRIPTION	QTY
1	130554	SUMP - oil	1
2	511190TKA	* PLUG (1/8)	1
3	119642	PIPE - knock	1
4	333821TKA	O-RING (16)	1
5	555765	SCREW - sump (M8 x 25)	30
6	555766	SCREW - sump (M8 x 60)	4
7	2030348	GASKET - rtv	1
8	130555	COVER - oil sump	1
9	131030TKA	DIPSTICK	1
10	131031	GUIDE - dipstick	1
11	558391	ADAPTER - oil return	1
12	550665	TEE (see 233H0)	1
13	116182	FILTER - oil	1
14	512366	STUD - oil filter	1
15	556557	ELBOW - drain hose	1
16	117067	HOSE - oil drain (23 in)	1
17	551042	CAP - oil hose	1
18	910734	CLIP - hose	1
19	414470	SWITCH - oil level	1
	334160	* O-RING - switch	1
20	511925	COUPLING	1
21	131036	VALVE - oil drain	1
22	131037	CAP - oil drain	1
23	554515	ELBOW (see 233H0)	1
	300316	GASKET SET (see 267B8)	1

Revised
11/10/17**GEAR HOUSING GROUP AND OIL PUMP
(TK 370/370N, 3TNV74/80)****213H5**

REF	PART NO.	DESCRIPTION	QTY
1	119638	CASE - gear	1
2	2030348	GASKET - rtv	A/R
3	331953	O-RING - fuel injection pump	1
4	333512	O-RING (12.3)	2
5	333820	O-RING (17.0)	3
6	555786	SCREW - gear case (M6 x 16)	4
7	555785	PIN - alignment	4
8	130406	COVER - gear case (assembly)	1
9	119639	* HOUSING - oil pump	1
10	119703	* ROTOR - inner (replace as a set w/ item 11)	1
11	119704	* ROTOR - outer (replace as a set w/ item 10)	1
12	333819	* SEAL - oil	1
13	555788	SCREW - cover & case (M6 x 40)	4
14	555766	SCREW - cover & case (M6 x 60)	7
15	510592	SCREW - oil pump (M6 x 16)	8
16	331954	O-RING - oil filler (32)	1
17	115091	COVER - filler	1
	300317	GASKET SET (3TNV80, see 267C8)	1
	300275	GASKET SET (TK 376/376N/376U, see 185G2)	1
	300316	GASKET SET (3TNV74, see 267B6)	1
	300278	GASKET SET (TK 370/370N, see 214A1)	1

213H6**COOLANT PUMP**Revised
10/31/17

Revised
10/31/17

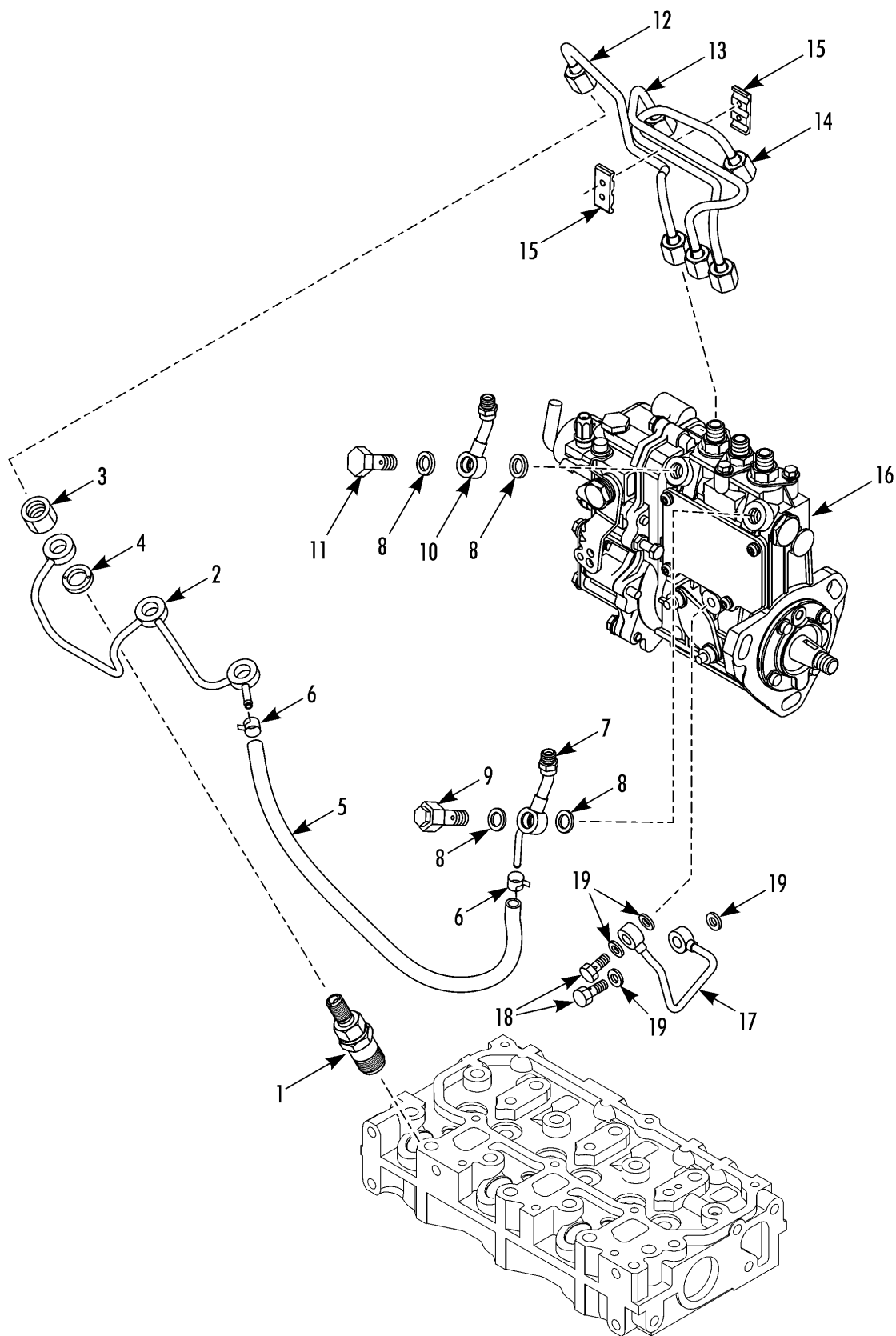
COOLANT PUMP



213H6

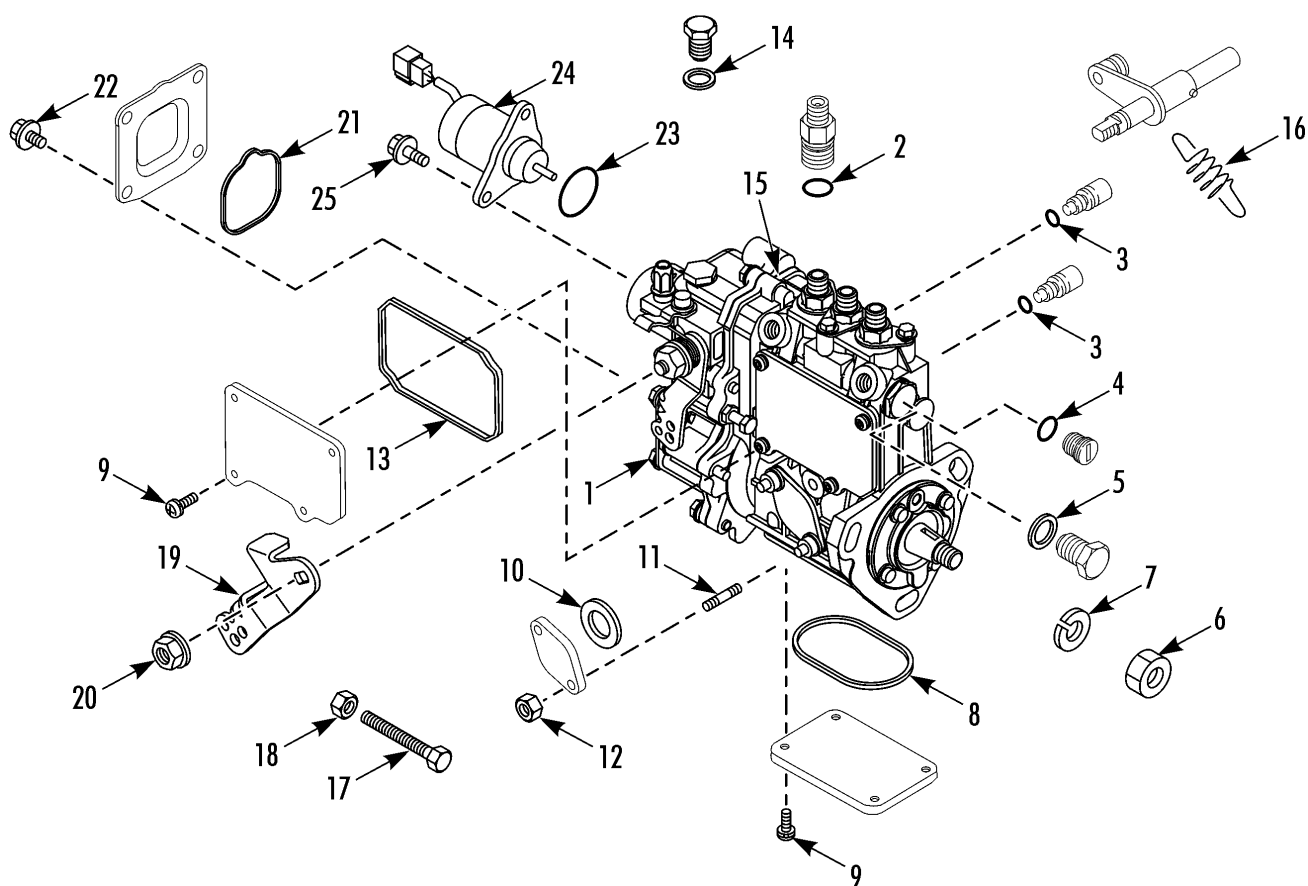
REF	PART NO.	DESCRIPTION	QTY
1	132269	PUMP - coolant (w/ gasket, see note)	1
2	334159	* GASKET - coolant pump	1
	510623TKA	* SCREW - cover	4
3	334211	* GASKET - coolant pump	1
4	333827	* O-RING - pump	1
5	510608	* STUD - pulley	4
6	555792	NUT (M6)	4
7	558854TKA	SCREW (M8 x 12)	1
8	331524	GASKET - round	1
9	556193	SCREW - pump	3
10	118677	COCK - coolant drain	1
11	130954	THERMOSTAT (151 F / 71 C, gasket is incorporated w/ thermostat)	1
12	130418	COVER - thermostat	1
	511190TKA	* PLUG (1/8)	1
13	556188TKA	SCREW - cover (M8 x 20)	1
14	558857TKA	SCREW - cover (M8 x 30)	1
15	772757	V-PULLEY	1
	772752	SHIM - pulley (0.5 mm)	A/R
	771427	SHIM - pulley (1.0 mm)	A/R
17	772758	SPACER - pulley	1
18	781492	BELT - coolant pump	1
19	2040427	TOOL - belt tension gauge	1

NOTE: See PB1626 for more information identifying waterpump part number location on pump and correct oring for the pump.

267B6**FUEL INJECTION VALVE (3TNV74)**Revised
09/16/17

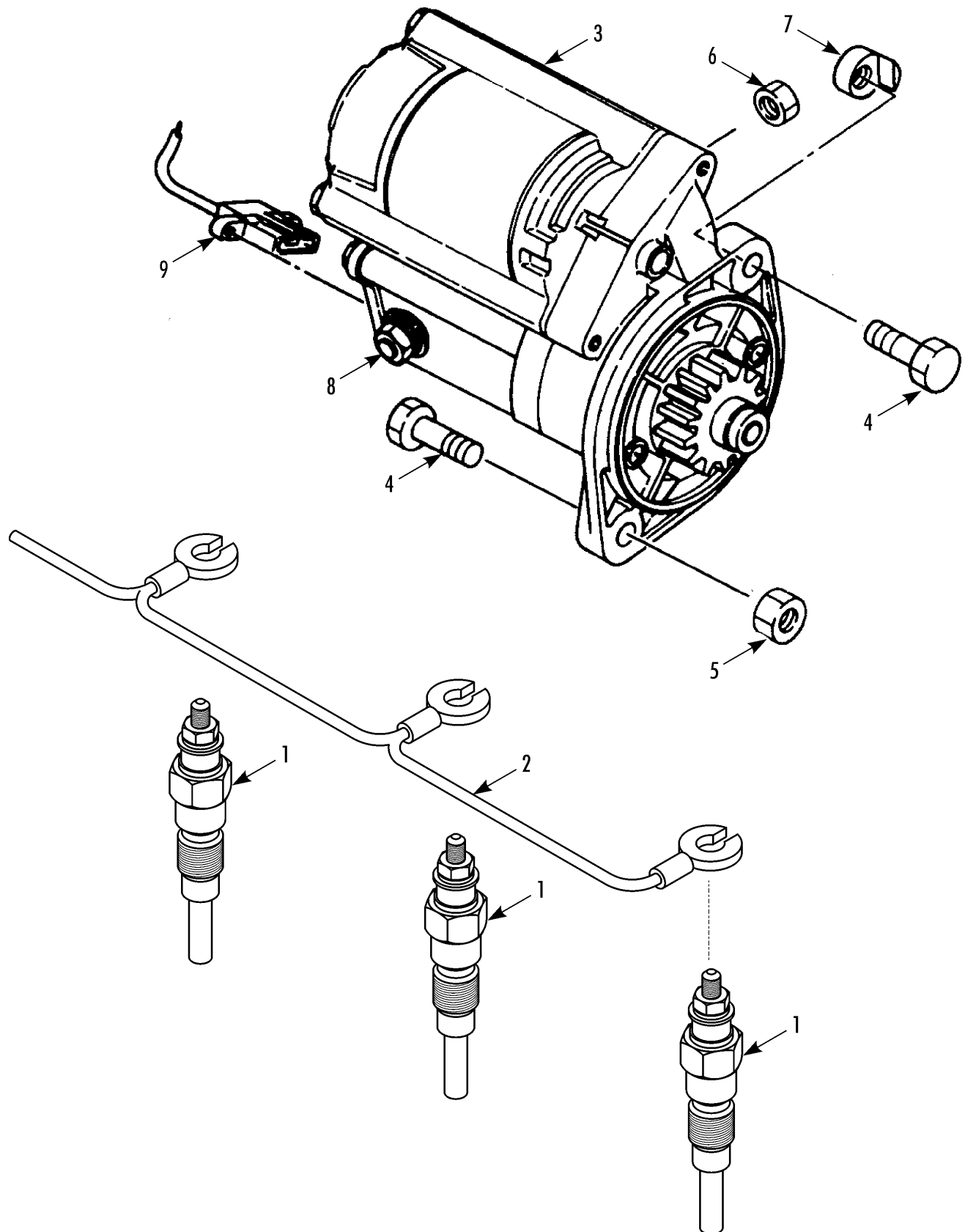
Revised
09/16/17**FUEL INJECTION VALVE (3TNV74)****267B6**

REF	PART NO.	DESCRIPTION	QTY
1	131391	VALVE - injection (see 267B7)	3
2	130603TKA	TUBE - fuel return	1
3	116115	NUT	3
4	333834	GASKET - return	3
5	131381	HOSE - fuel return	1
6	131382	* CLAMP	2
7	130602TKA	JOINT - banjo	1
8	558620	WASHER - seal	4
9	130436	SCREW - banjo (w/ check valve)	1
10	130433	JOINT - banjo	1
11	558447	SCREW - banjo	1
12	131383	PIPE - fuel injection	1
13	131384	PIPE - fuel injection	1
14	131385	PIPE - fuel injection	1
15	116109	CLAMP - injection pipe	1
16	1010399	PUMP - fuel injection (see 267B7, TK 370)	1
17	119682	PIPE - oil	1
18	511158	SCREW - banjo	2
19	554622TKA	WASHER	4
	300316	GASKET SET (see 267B8)	1

267B7**FUEL INJECTION PUMP (3TNV74)**Revised
09/16/17

Revised
09/16/17**FUEL INJECTION PUMP (3TNV74)****267B7**

REF	PART NO.	DESCRIPTION	QTY
1	1010399	PUMP - fuel injection	1
2	334212	* O-RING - delivery	3
3	331753	* O-RING (S6)	4
4	331970	* O-RING	1
5	333690	* WASHER - seal	1
6	556254	* NUT - shaft	1
7	558863	* LOCKWASHER	1
8	334440	* GASKET - bottom cover	1
9	511301	* SCREW - cover	8
10	333942	* GASKET - cover	1
11	556367	* STUD - cover	2
12	512368	* NUT	2
13	335072	* GASKET - front cover	1
14	333833TKA	* WASHER - seal	1
15	333831	* GASKET - case	1
16	131389	* SPRING - governor	1
17	510612	* SCREW - idle limit	1
18	555846	* LOCKNUT	1
19	131032	* LEVER - control	1
20	511205	* NUT - lever	1
21	333832	* GASKET - cover	1
22	555822	* SCREW - cover	4
23	334295	* O-RING	1
24	420100	* SOLENOID - stop	1
25	558448	* SCREW - solenoid	2

208F7**STARTER & GLOW PLUG GROUP**Revised
09/22/17

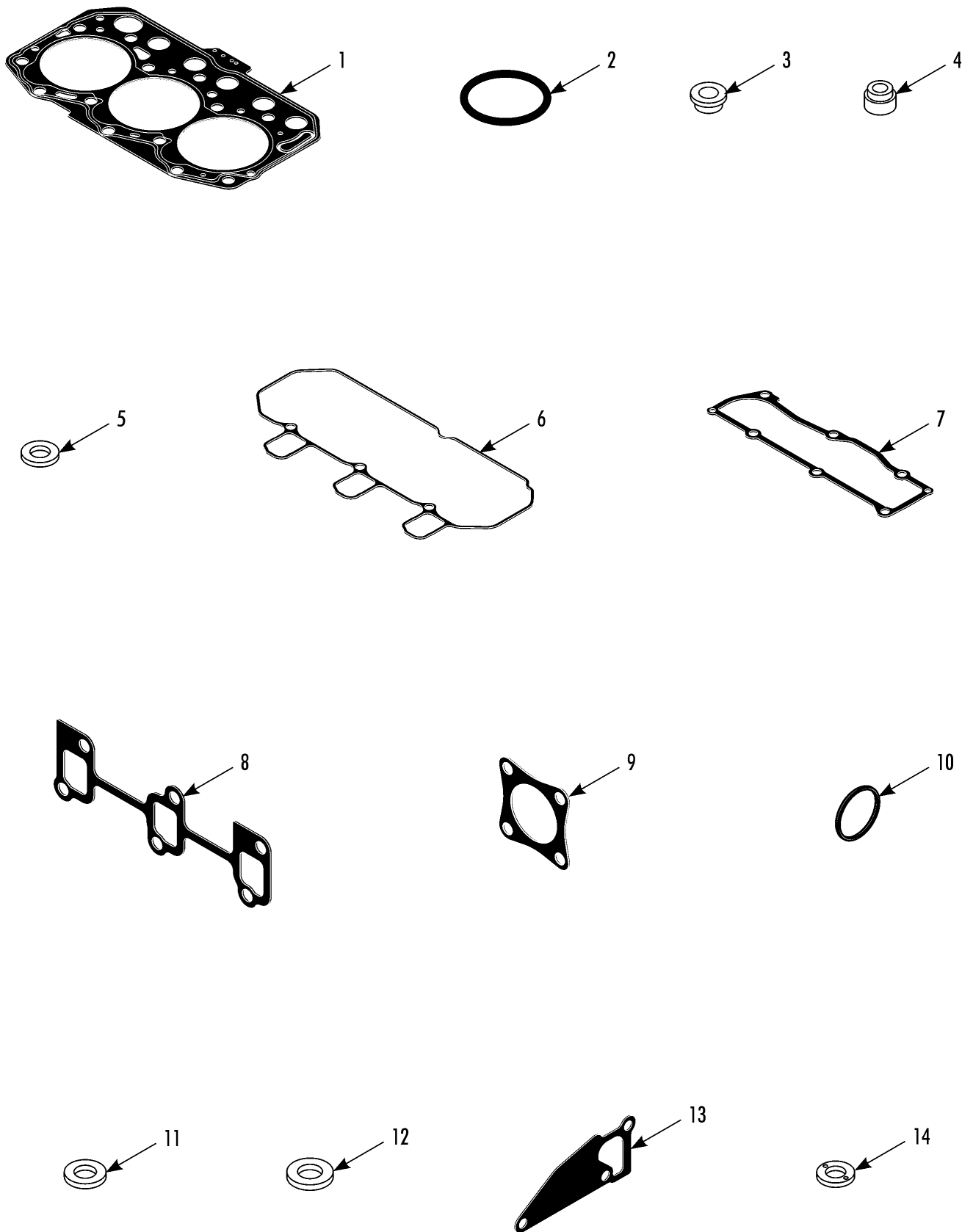
Revised
09/22/17

STARTER & GLOW PLUG GROUP



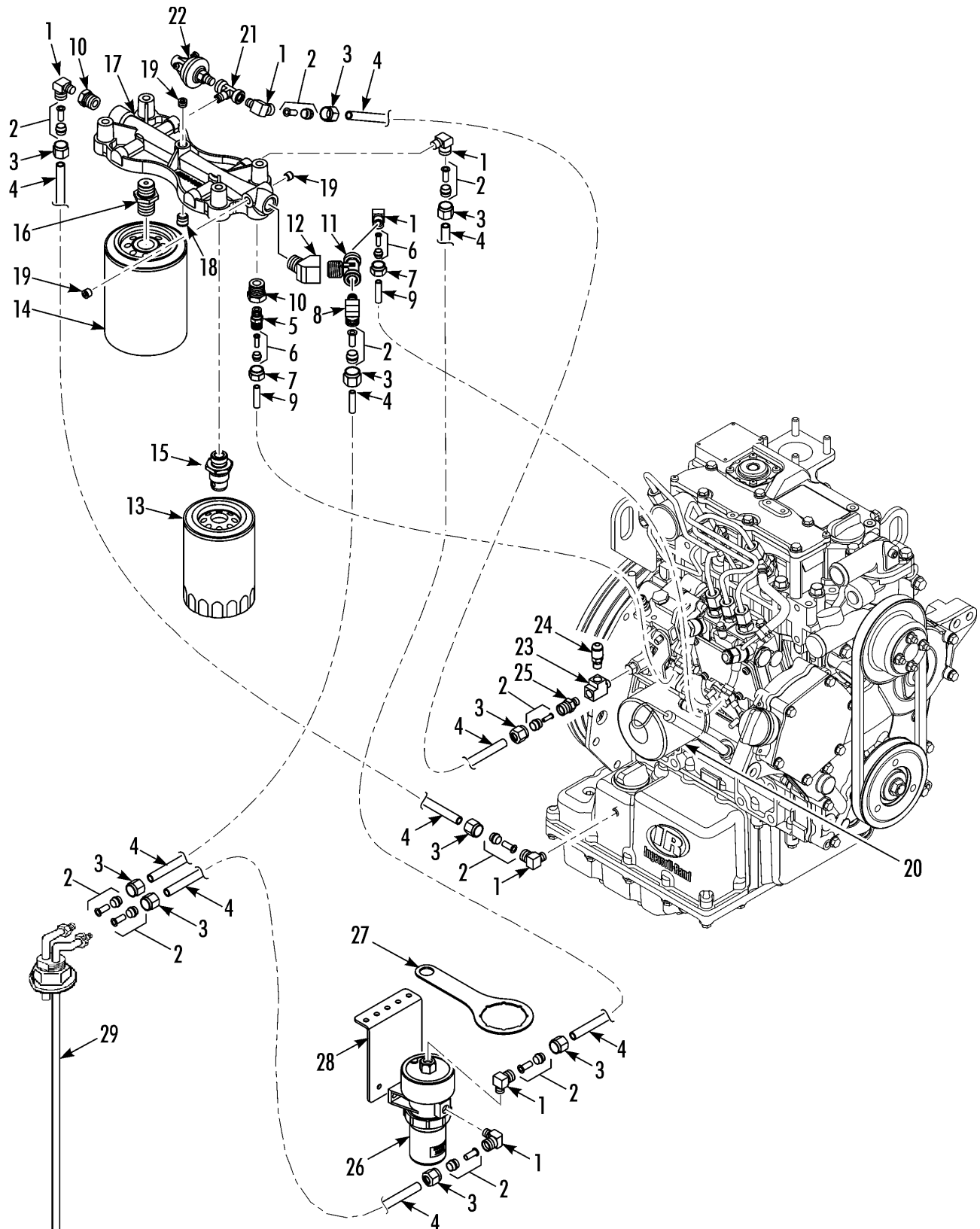
208F7

REF	PART NO.	DESCRIPTION	QTY
1	420916	GLOW PLUG	3
2	416702	CONNECTOR - glow plug	1
3	451718	STARTER	1
	452326	STARTER (standard life plus)	1
4	555852	SCREW - starter (12 x 30)	2
5	555853	NUT (12 mm)	1
6	554681	NUT	1
7	556203	NUT - starter (with tab)	1
8	554632	NUT	1
9	447736	CONNECTOR - starter	1

267B8**GASKET SET (3TNV74)**Revised
09/16/17

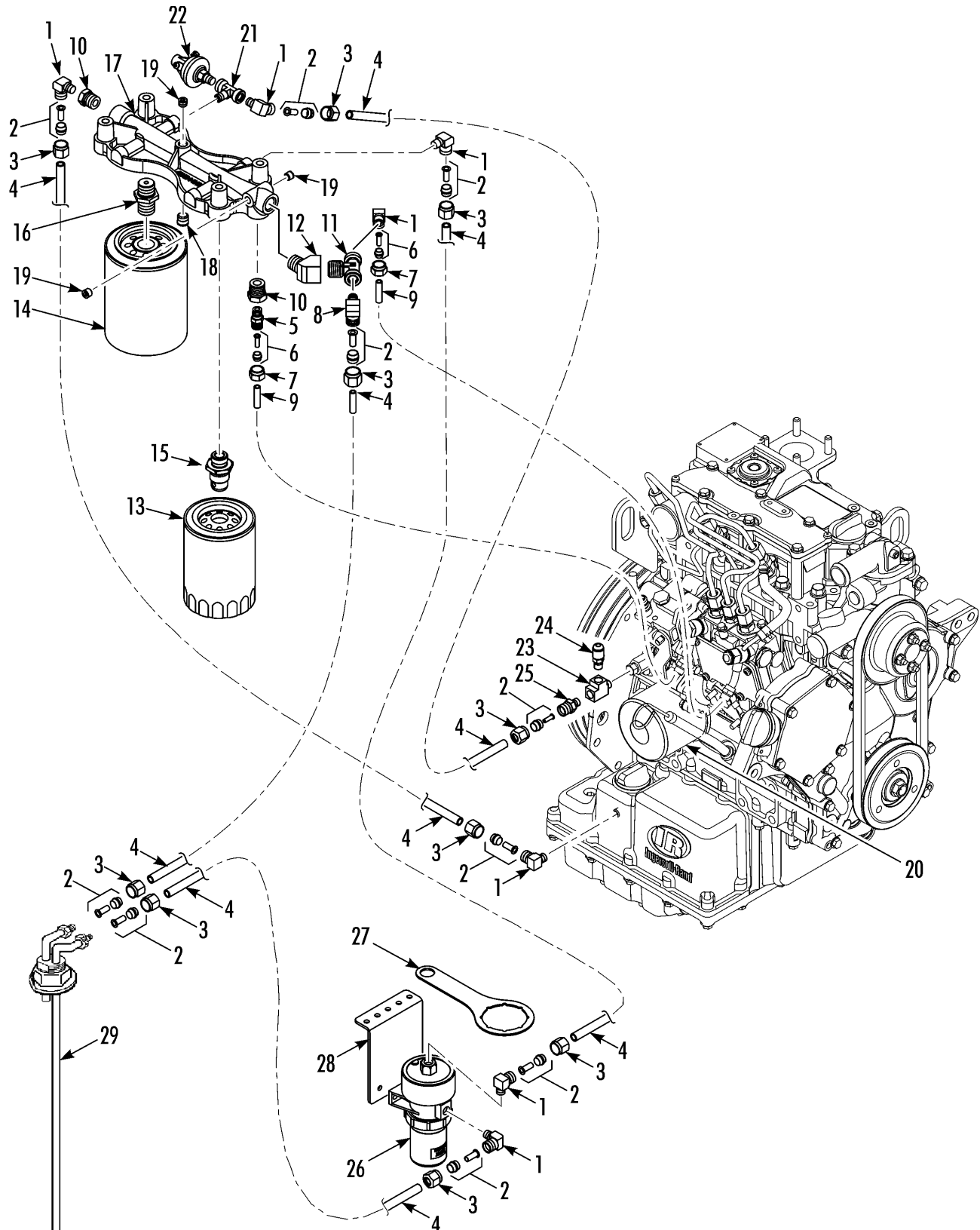
Revised
09/16/17**GASKET SET (3TNV74)****267B8**

REF	PART NO.	DESCRIPTION	QTY
	300316	GASKET SET	1
1	335071	* GASKET - cylinder head	1
2	331953	* O-RING (fuel injection pump)	1
3	119646	* PROTECTOR - nozzle	3
4	119653	* SEAL - valve stem (intake)	3
	119654	* SEAL - valve stem (exhaust)	3
5	331733	* GASKET - nozzle	6
6	334210	* GASKET - valve cover	1
7	130563	* GASKET - intake manifold	1
8	333824	* GASKET - exhaust manifold	1
9	331907	* GASKET - exhaust manifold	1
10	331954	* O-RING (P32)	2
	333821TKA	* O-RING (P16)	1
	333512	* O-RING (P12)	1
	333820	* O-RING (P17)	3
	333825	* O-RING (P16)	1
	334091	* O-RING (P40)	1
11	554622TKA	* WASHER - seal (8)	4
	558620	* WASHER - seal (12)	4
12	333834	* GASKET - return	3
13	334211	* GASKET - water pump	1
14	331524	* GASKET - water pump	1

233H0**FUEL & OIL FILTERS, HOSES & FITTINGS**Revised
09/25/17

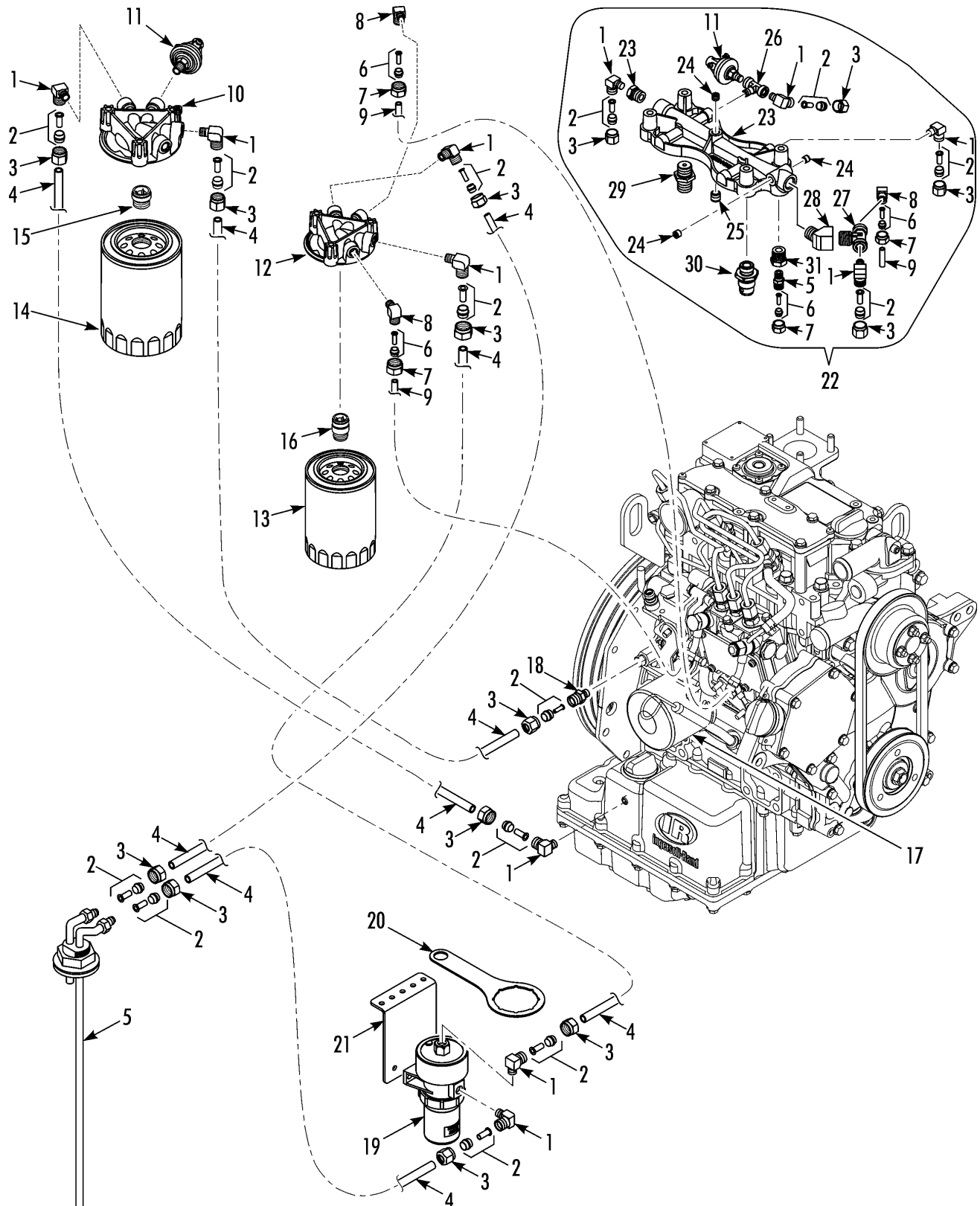
Revised
09/25/17**FUEL & OIL FILTERS, HOSES & FITTINGS****233H0**

REF	PART NO.	DESCRIPTION	QTY
1	114380	ELBOW - hose fitting (3/8)	7
2	100242	KIT - sleeve & eyelet (3/8)	10
3	114941	NUT (3/8)	10
4	114372	HOSE (3/8 od x 35 ft lg)	A/R
5	116837	FITTING - hose fitting (1/4)	1
6	100243	KIT - sleeve & eyelet (1/4)	2
7	114841	NUT (1/4)	2
8	115320TKA	ELBOW - hose fitting (1/4)	1
9	119030	HOSE (1/4 od x 35 ft lg)	A/R
10	552539	BUSHING	2
11	511479TKA	TEE (with restrictor)	1
12	551519	ELBOW (45 degree)	1
13	119341	FILTER - fuel (EMI 2000 hour)	1
14	119321	FILTER - oil bypass (EMI 2000 hour)	1
15	553168	ADAPTER - fuel filter	1
16	553164	ADAPTER - bypass oil filter	1
	2030393	SEALER - thread	A/R
17	115941	BRACKET - fuel filter	1
	557343	SCREW - bracket	4
	557069	FLATWASHER	8
	557006	NUT	4
18	551004	PLUG - pipe	1
19	550433	PLUG - pipe	3
	2030393	SEALER - thread	A/R
20	116182	FILTER - oil (full flow)	1
21	511480	TEE (with restrictor)	1
22	417064	SWITCH - oil pressure	1
23	550665	TEE	1
24	112886	VALVE (Schrader)	1
25	554515	ADAPTER - 3/8	1

233H0**FUEL & OIL FILTERS, HOSES & FITTINGS**Revised
09/25/17

Revised
09/25/17**FUEL & OIL FILTERS, HOSES & FITTINGS****233H0**

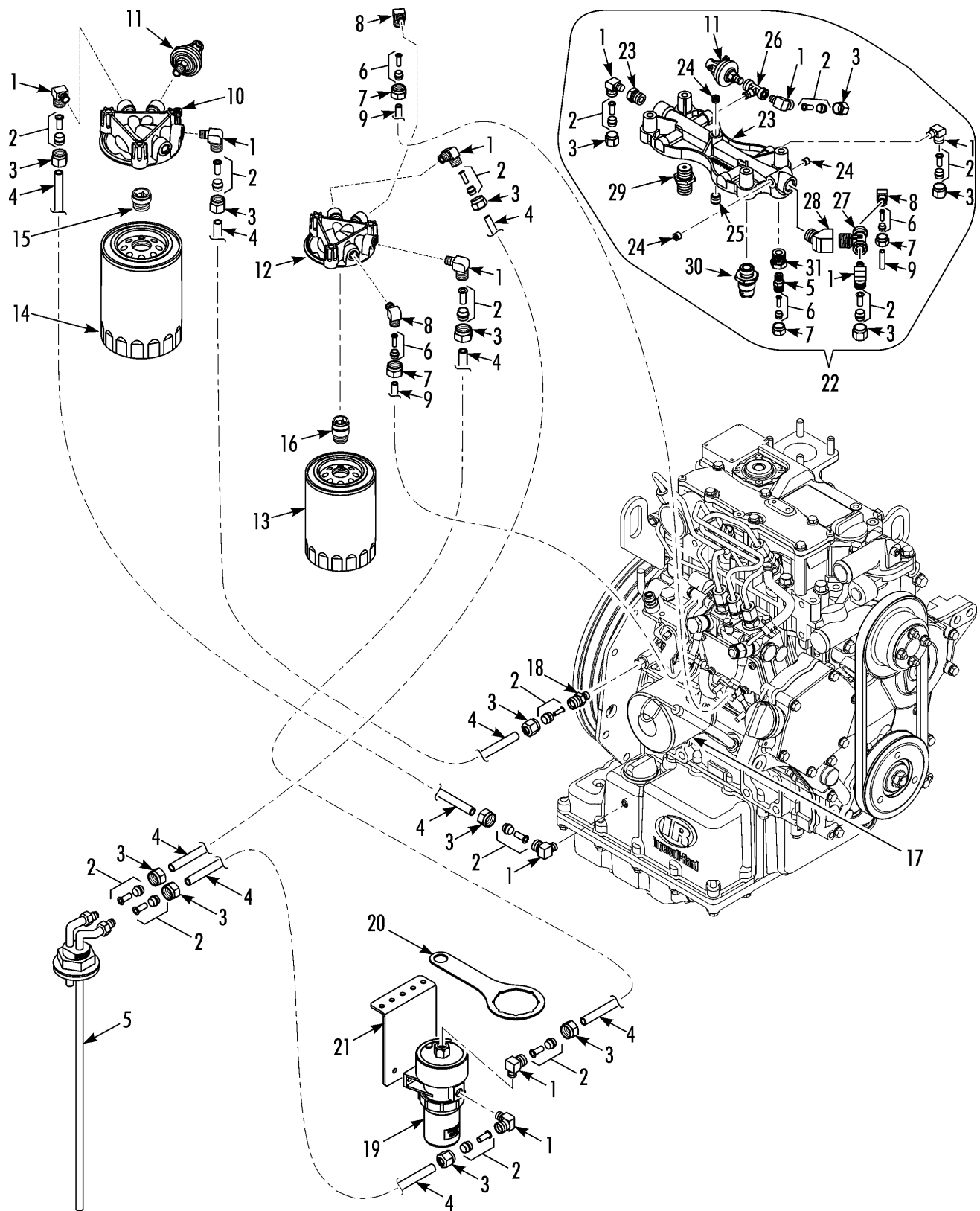
REF	PART NO.	DESCRIPTION	QTY
26	417059	PUMP - fuel (12V)	1
	100378TKA	* KIT - bowl & gasket	1
	100494	* KIT - strainer & o-ring	1
	334736	** O-RING	1
27	2041166	WRENCH - fuel bowl	1
28	925656	BRACKET - fuel pump	1
	551587	SCREW - bracket	2
	552086	FLATWASHER	2
	554953	NUT	2
29	119279	TUBE - fuel pickup	1
	334402	* GASKET - fuel pickup (rubber)	1

272B6**FUEL & OIL FILTERS, HOSES & FITTINGS**Revised
02/05/18

Revised
02/05/18**FUEL & OIL FILTERS, HOSES & FITTINGS****272B6**

REF	PART NO.	DESCRIPTION	QTY
1	114380	ELBOW - hose fitting (3/8)	7
2	100242	KIT - sleeve & eyelet (3/8)	10
3	114941	NUT (3/8)	10
4	114372	HOSE (3/8 od x 35 ft lg)	A/R
5	119279	TUBE - fuel pickup	1
	334402	* GASKET - fuel pickup (rubber)	1
6	100243	KIT - sleeve & eyelet (1/4)	2
7	114841	NUT (1/4)	3
8	115320TKA	ELBOW - hose fitting (1/4)	2
9	119030	HOSE (1/4 od x 35 ft lg)	A/R
10	NSS	HEAD - oil filter (replaced with item 22, see note)	1
11	417064	SWITCH - oil pressure	1
12	NSS	HEAD - fuel filter (replaced with item 22, see note)	1
	511587	SCREW - head	6
	557075	FLATWASHER	12
	557007	NUT	4
13	119341	FILTER - fuel (EMI 2000 hour)	1
14	119321	FILTER - oil bypass (EMI 2000 hour)	1
15	512899	ADAPTER - bypass oil filter	1
16	512898	ADAPTER - fuel filter	1
	2030393	SEALER - thread	A/R
17	116182	FILTER - oil (full flow)	1
18	554515	ADAPTER - 3/8	1
19	417059	PUMP - fuel (12V)	1
	100378TKA	* KIT - bowl & gasket	1
	100494	** KIT - strainer & o-ring	1
	334736	*** O-RING	1
20	2041166	WRENCH - fuel bowl	1
21	925656	BRACKET - fuel pump	1

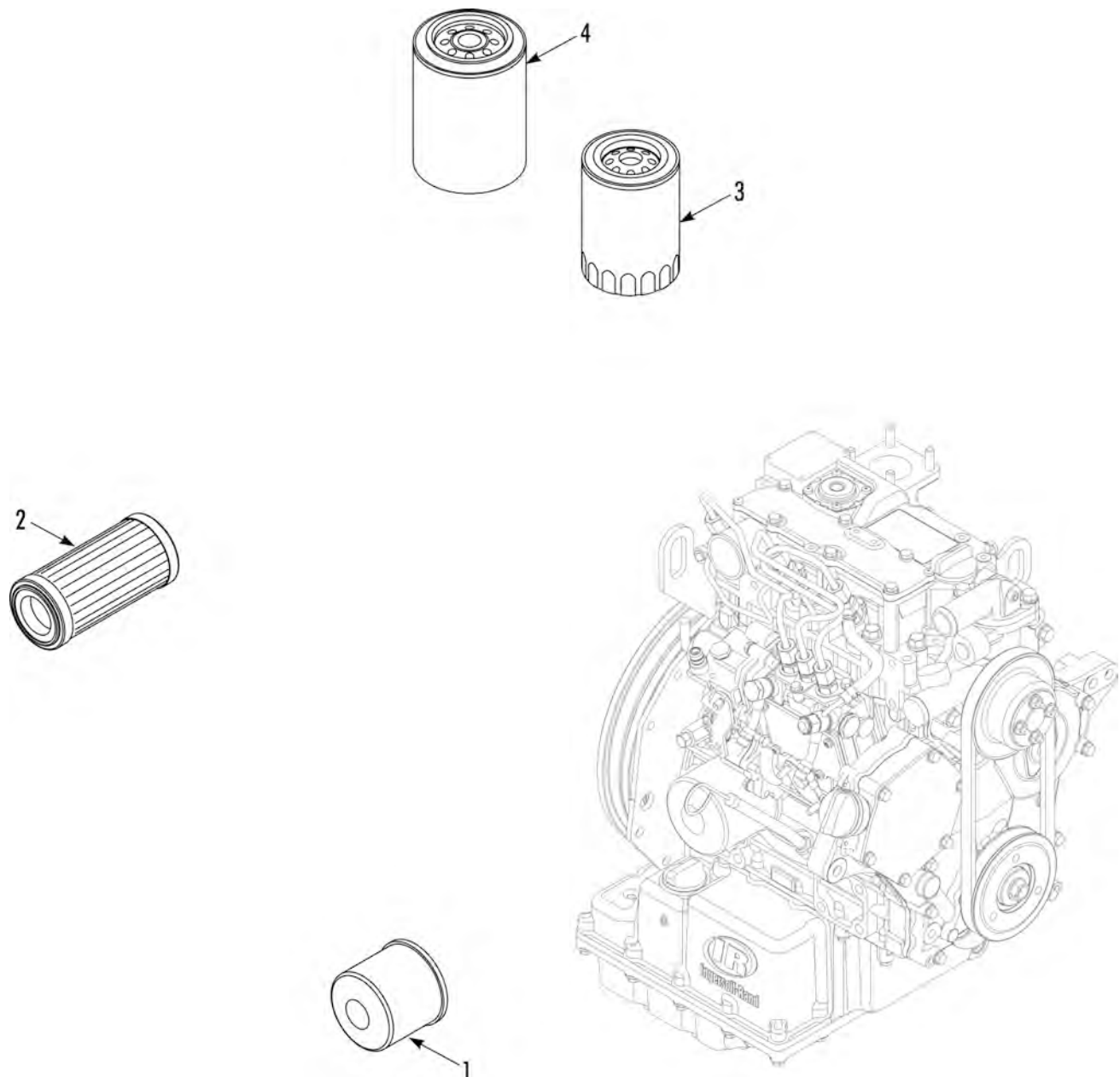
NOTE: The filter heads items 10 and 12 have been replaced with item 22. See PB1587 for information.

272B6**FUEL & OIL FILTERS, HOSES & FITTINGS**Revised
02/05/18

Revised
02/05/18**FUEL & OIL FILTERS, HOSES & FITTINGS****272B6**

REF	PART NO.	DESCRIPTION	QTY
	551587	SCREW - bracket	2
	552086	FLATWASHER	2
	554953	NUT	2
22	100535	KIT - head, fuel and oil (see note)	1
23	115941	* BRACKET - fuel and oil filter	1
	557343	* SCREW	4
	557085	* FLATWASHER	8
	557339	* NUT	4
24	550433	* PLUG - pipe	3
25	551004	* PLUG - pipe	1
	2030393	* SEALER - thread	A/R
26	511480	* TEE (with restrictor)	1
27	511479TKA	* TEE	1
28	551519	* ELBOW	1
29	553164	* STUD - bypass filter	1
30	553168	* ADAPTER - fuel pickup	1
31	552539	* BUSHING	2

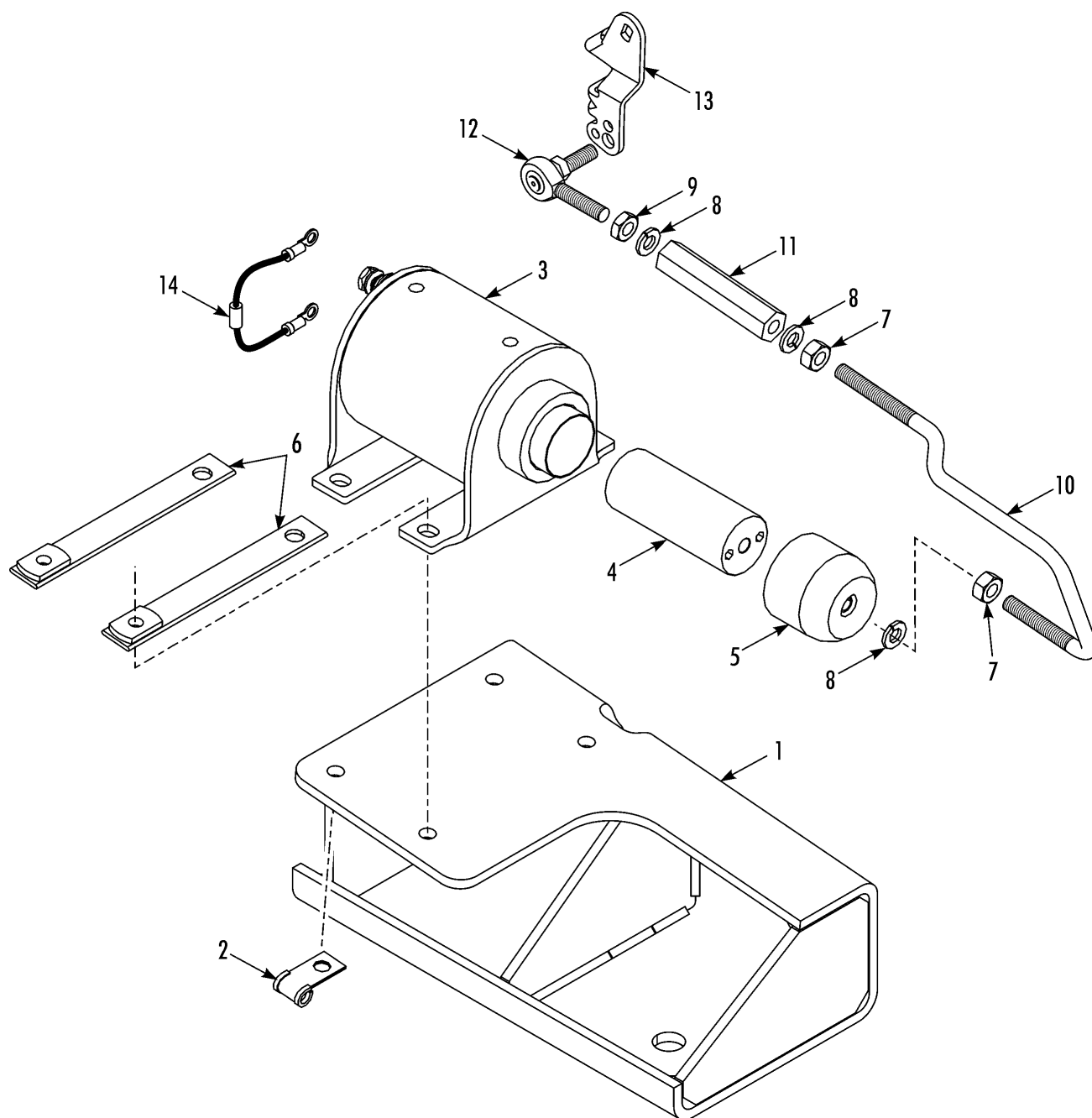
NOTE: The filter heads items 10 and 12 have been replaced with item 22. See PB1587 for information.

272G0**FILTER KIT (TSA Truck Only)**Revised
09/27/17

Revised
09/27/17

FILTER KIT (TSA Truck Only)**272G0**

REF	PART NO.	DESCRIPTION	QTY
	100416	KIT - filters (TSA Truck Only)	1
1	116182	* FILTER - oil	1
2	119341	* FILTER - fuel (EMI 2000 hour)	1
3	119321	* FILTER - oil bypass (EMI 2000 hour)	1
4	119059	* ELEMENT - air cleaner	1

235A4**THROTTLE SOLENOID GROUP**Revised
09/25/17

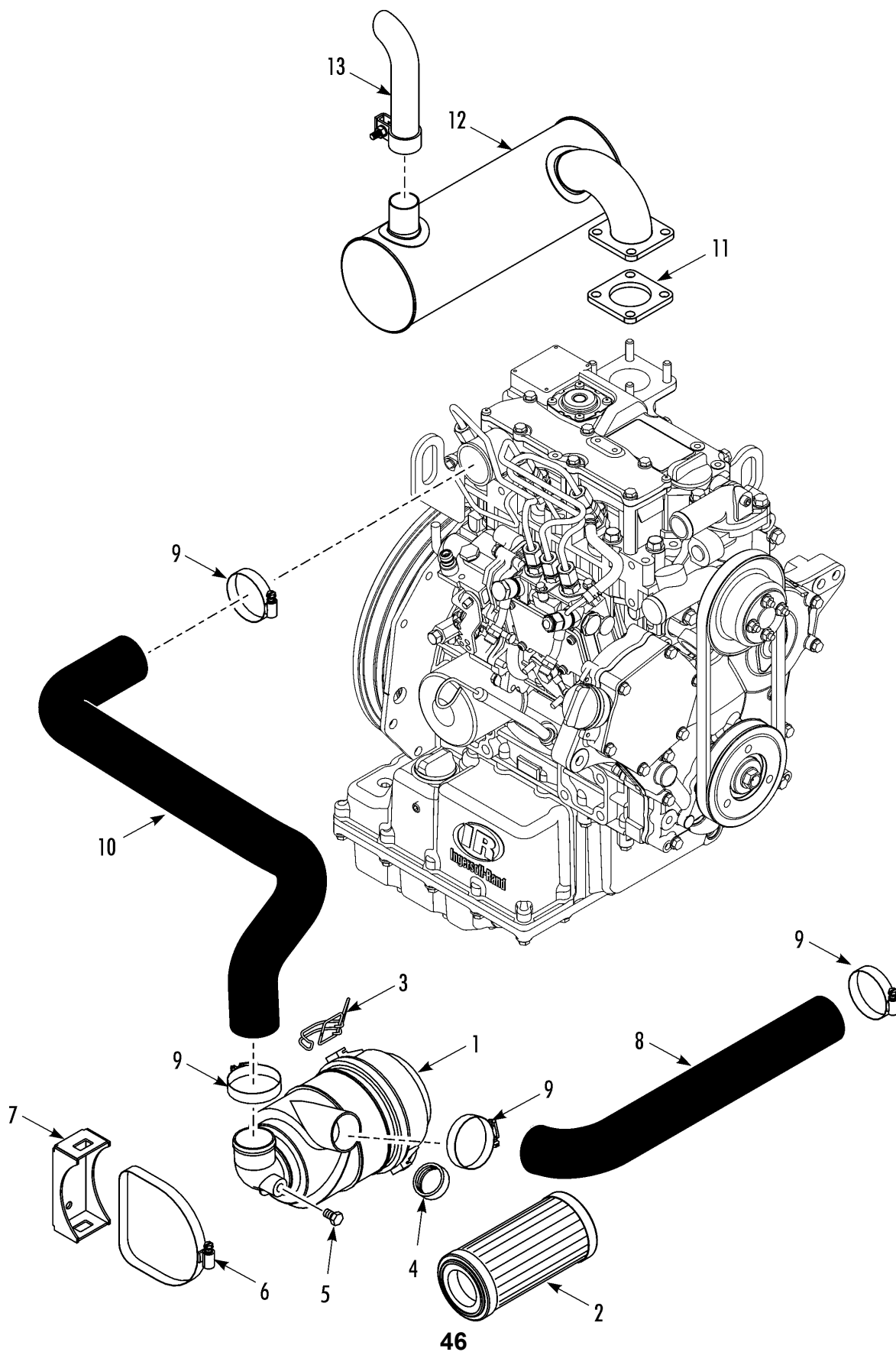
Revised
09/25/17

THROTTLE SOLENOID GROUP



235A4

REF	PART NO.	DESCRIPTION	QTY
1	927530	BRACKET - engine (T-570/600/800)	1
	927659	BRACKET - engine (T-1000/1080 & T-1200/1280)	1
2	553065	CLAMP - harness	1
3	419081	SOLENOID - throttle	1
4	448198	* PLUNGER - solenoid	1
5	913095	* BOOT - solenoid	1
	555955	SCREW - solenoid	4
	554638	FLATWASHER	4
	557478	LOCKWASHER	4
6	927662	NUTSTRIP - solenoid	2
7	550315	NUT - ball joint	2
8	550366	LOCKWASHER	3
9	559567	NUT - ball joint (left hand thread)	1
10	130996	ROD - fuel solenoid	1
11	119281	ADJUSTER	1
12	119282	JOINT - ball	1
	554560	NUT - joint	1
13	131032	LEVER - control	1
14	442756	DIODE	1

261H9**AIR FILTER & MUFFLER GROUP**Revised
09/16/17

Revised
09/16/17

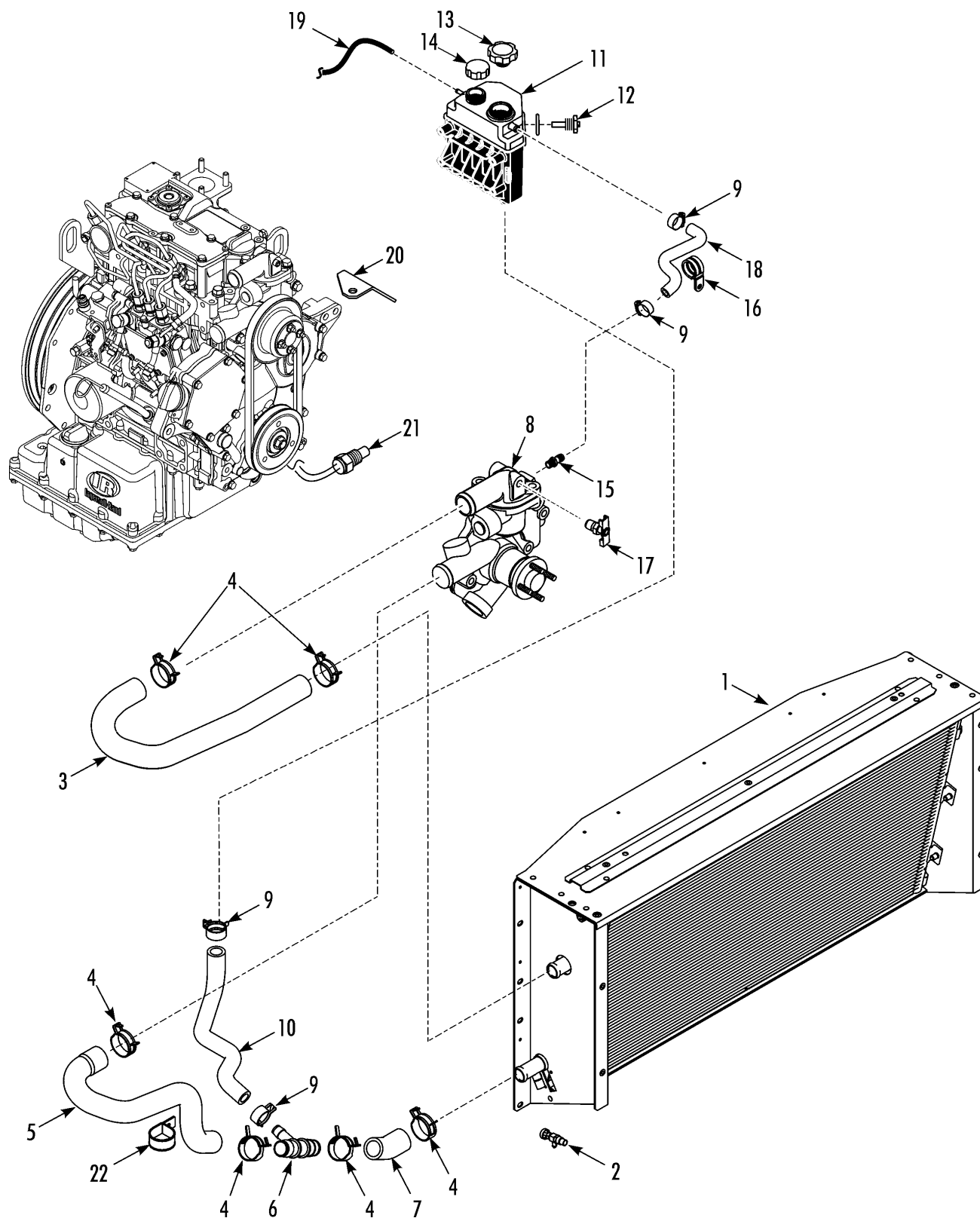
AIR FILTER & MUFFLER GROUP



261H9

REF	PART NO.	DESCRIPTION	QTY
1	119068	FILTER - air cleaner (dry)	1
2	119059	* ELEMENT - air cleaner	1
3	119091TKA	* CLIP - base (metal)	2
	132547	* CLIP - base (metal / plastic)	2
4	119092	* EJECTOR - dust	1
5	553364	* PLUG	1
6	555921	CLAMP - air cleaner	1
7	927534	BRACKET - air cleaner	1
	555022	SCREW - bracket	2
	557727	LOCKWASHER	8
	557069	FLATWASHER	8
8	130998	HOSE - air intake	1
9	554979	CLAMP - hose	4
10	130997	HOSE - air cleaner (filter to engine)	1
11	331907	GASKET - muffler	1
12	120989	MUFFLER	1
	120997	MUFFLER (SS)	1
	556184	STUD - muffler to manifold	4
	556183	LOCKWASHER	4
	556186	NUT	4
13	116173	TUBE - exhaust	1

259H5
**ENGINE COOLING SYSTEM (before 10/16,
MICRO-CHANNEL COIL)**

 Revised
12/04/17


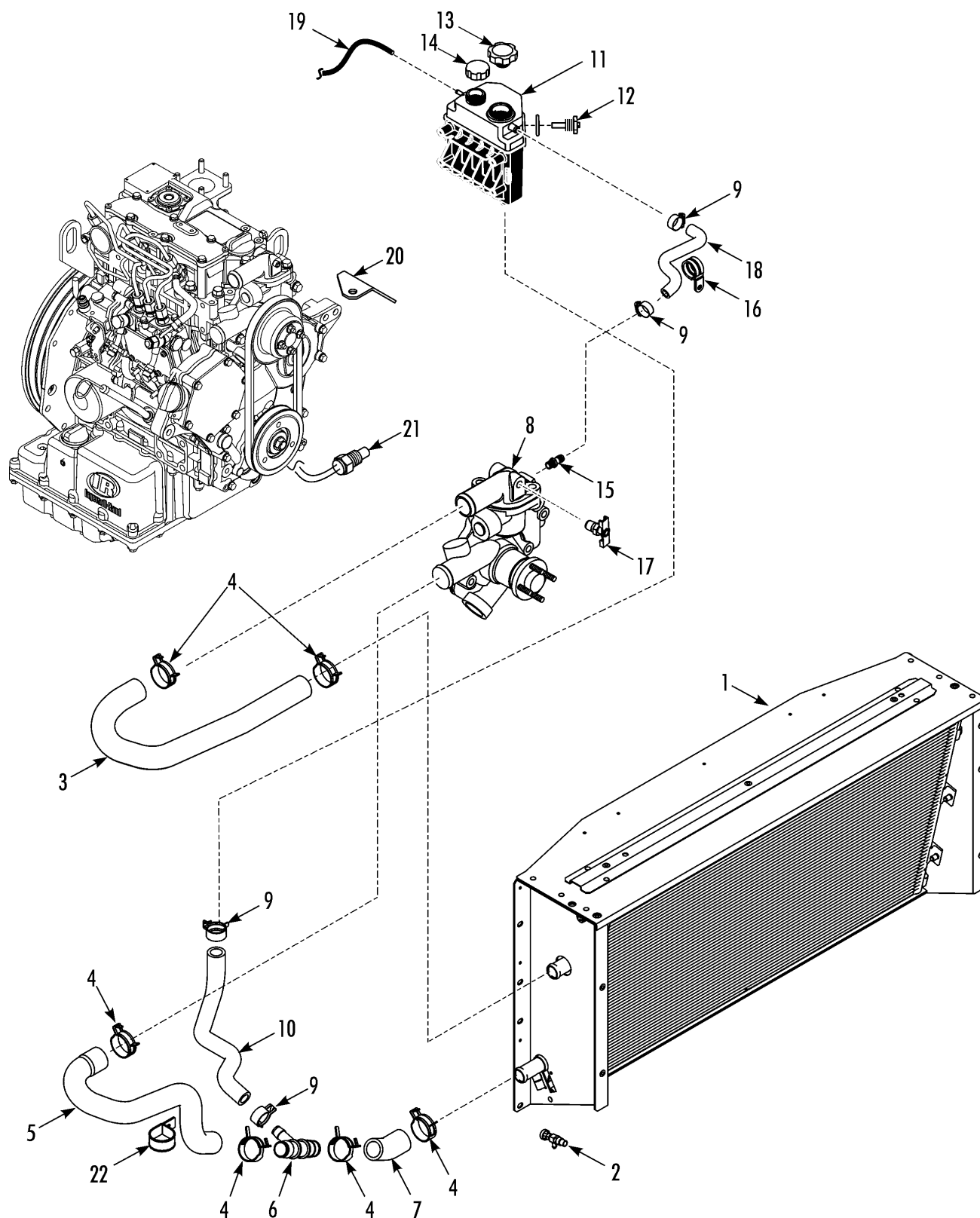
Revised
12/04/17**ENGINE COOLING SYSTEM (before 10/16,
MICRO-CHANNEL COIL)****259H5**

REF	PART NO.	DESCRIPTION	QTY
1	NSS	COIL - condenser/ radiator (North America before 6/15 & Europe before 8/15, see 272H1)	1
	672968	COIL - condenser/ radiator (North America 6/15 & after, Europe 8/15 & after, see 290H1)	1
	556993	SCREW - coil	8
	557342	LOCKWASHER	8
	510953	WASHER - special	8
	512291	BUSHING - coil mount	4
2	557134	COCK - drain	1
3	131274	HOSE - engine to radiator (upper)	1
4	552818TKA	CLAMP - hose	6
5	131276	HOSE - tee to radiator (lower)	1
6	131145	TEE	1
7	131241	HOSE - coil to tee	1
8	132269	PUMP - coolant (see 213H6, see note 2)	1
9	555002	CLAMP - hose	4
10	131278	HOSE - bleed	1
11	131057	TANK - coolant	1
	555955	SCREW - tank	4
	557478	LOCKWASHER	4
	554638	FLATWASHER	4
12	422347	SWITCH - coolant level	1
	333007	O-RING - switch	1
13	130990TKA	CAP - tank (15 psi)	1
	119632	CAP - tank (7 psi, see grid note 1)	1
14	130957	CAP - overflow	4
15	554167	FITTING - straight	1
	2030385	SEALER - thread	A/R

NOTE 1: For more information see SB611 for North America units and SB1072 for Europe units.

NOTE 2: See PB1626 for more information identifying waterpump part number location on pump and correct oring for the pump.

259H5
**ENGINE COOLING SYSTEM (before 10/16,
MICRO-CHANNEL COIL)**

 Revised
12/04/17


Revised
12/04/17

ENGINE COOLING SYSTEM (before 10/16, MICRO-CHANNEL COIL)



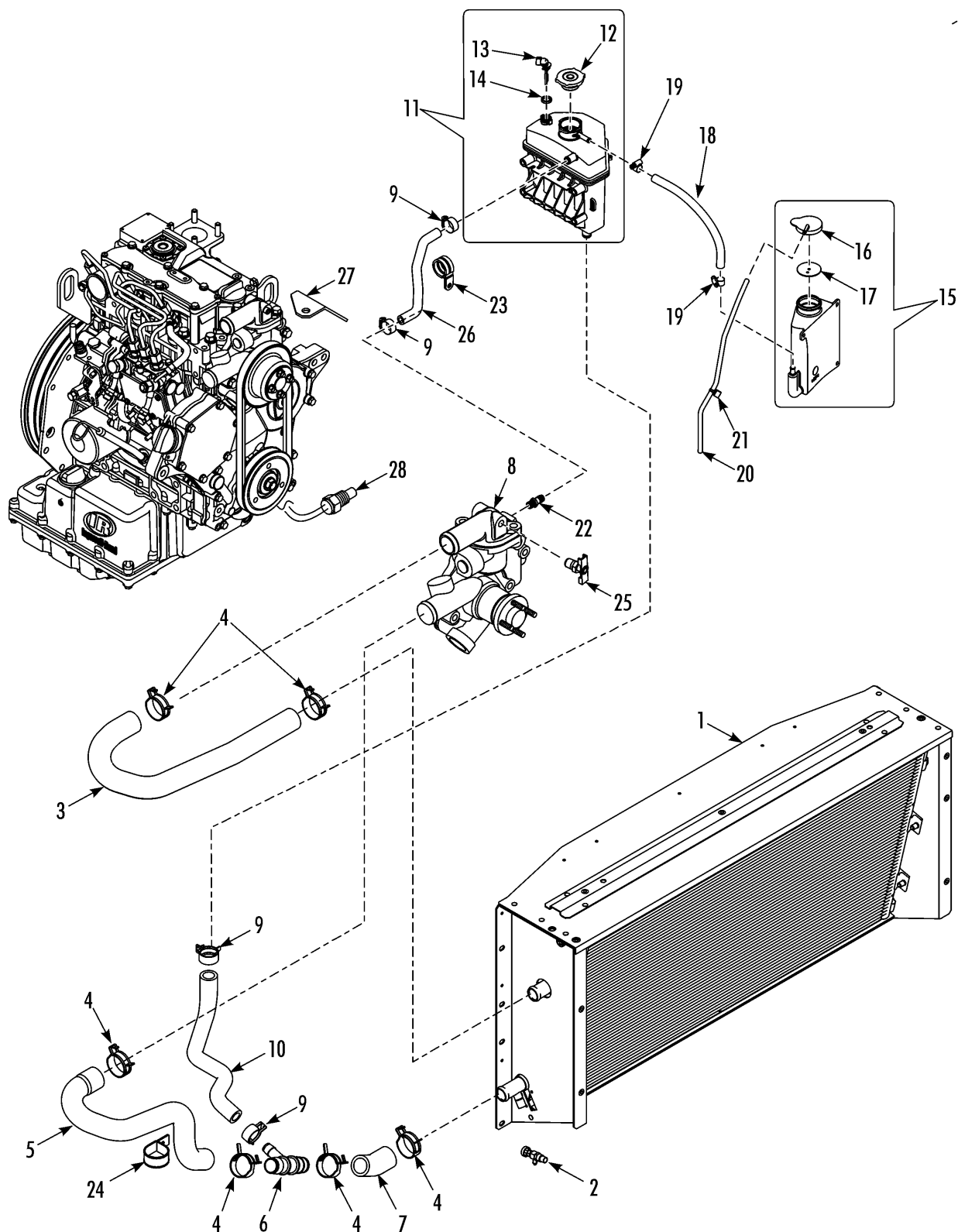
259H5

REF	PART NO.	DESCRIPTION	QTY
16	554552	CLAMP - hose	1
	554606	SCREW - clamp	1
	557478	LOCKWASHER	1
17	556789	COCK - drain	1
18	131052	HOSE - bleed	1
	980771	HOSE - overflow (cut to 100 inches)	A/R
20	927531	BRACKET - sensor	1
21	416538	SENSOR - engine coolant	1
22	5030349	CLAMP - hose	1

NOTE 1: For more information see SB611 for North America units and SB1072 for Europe units.

NOTE 2: See PB1626 for more information identifying waterpump part number location on pump and correct oring for the pump.

306D3
**ENGINE COOLING SYSTEM (10/16 &
AFTER, MICRO-CHANNEL COIL)**

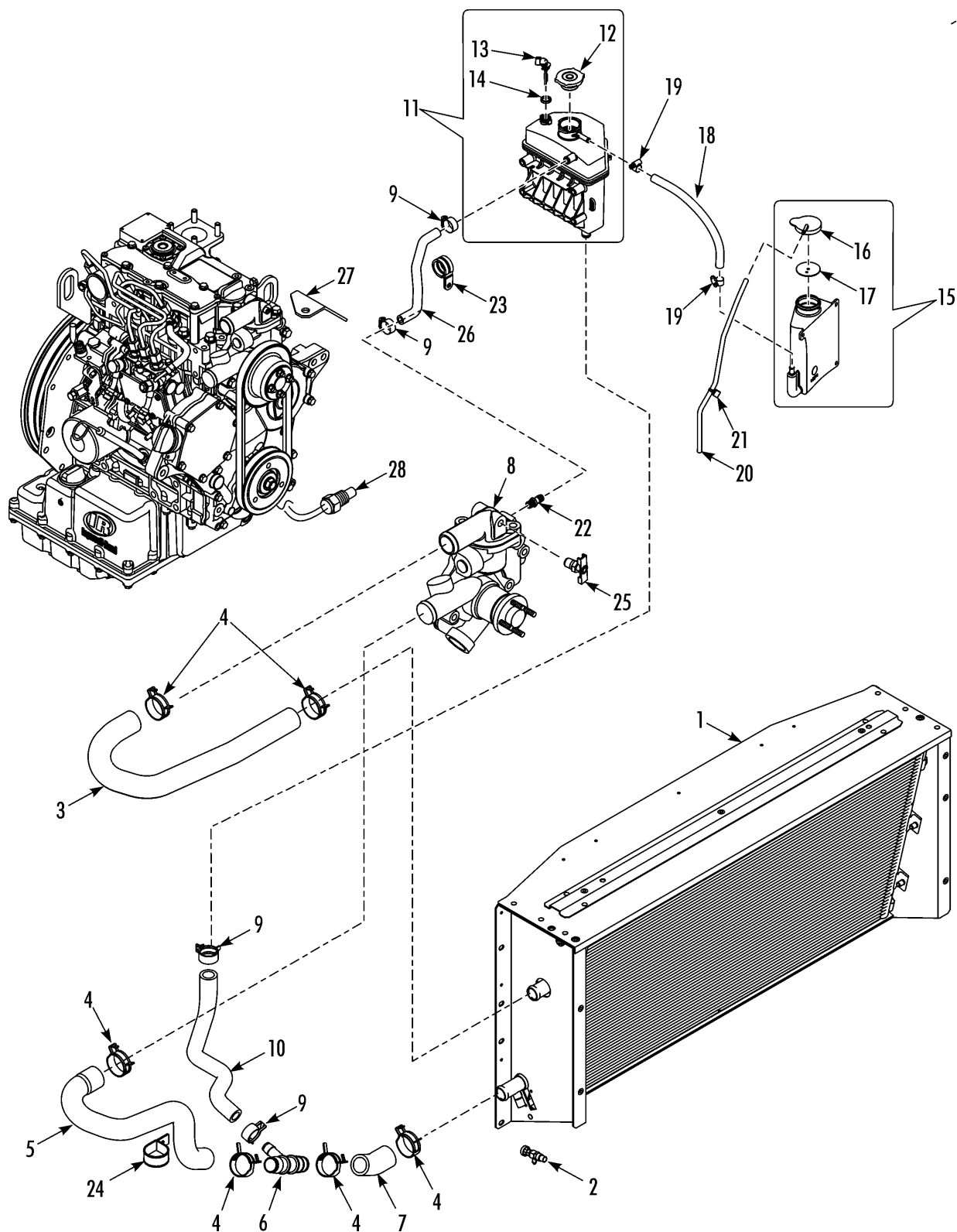
 Revised
10/31/17


Revised
10/31/17**ENGINE COOLING SYSTEM (10/16 &
AFTER, MICRO-CHANNEL COIL)****306D3**

REF	PART NO.	DESCRIPTION	QTY
1	672968	COIL - condenser/ radiator (see 290H1)	1
	556993	SCREW - coil	8
	557342	LOCKWASHER	8
	510953	WASHER - special	8
	512291	BUSHING - coil mount	4
2	557134	COCK - drain	1
3	132473	HOSE - engine to radiator (upper)	1
4	552818TKA	CLAMP - hose	6
5	132471	HOSE - tee to radiator (lower)	1
6	131145	TEE	1
7	131241	HOSE - coil to tee	1
8	132269	PUMP - coolant (see 213H6, see note)	1
9	555002	CLAMP - hose	4
10	131278	HOSE - bleed	1
11	132528	TANK - coolant, compete (includes items 12, 13 & 14)	1
	132454	* TANK - coolant	1
	511926	SCREW - tank	4
12	119242	CAP - tank (10 psi)	1
13	132543	SWITCH - coolant level	1
14	335810	* O-RING - switch	1
15	132474	TANK - overflow (includes items 16 & 17)	1
	513259	SCREW - tank	3
16	132475	CAP - overflow	1
17	NSS	* GASKET - cap	1
	118041	HOSE - overflow (50 ft, cut to length)	A/R
19	552043	CLAMP - overflow	2
	980771	HOSE - vent (25 ft, cut to length)	A/R
21	512041TKA	CLIP - harness	1

NOTE: See PB1626 for more information identifying waterpump part number location on pump and correct oring for the pump.

306D3
**ENGINE COOLING SYSTEM (10/16 &
AFTER, MICRO-CHANNEL COIL)**

 Revised
10/31/17


Revised
10/31/17

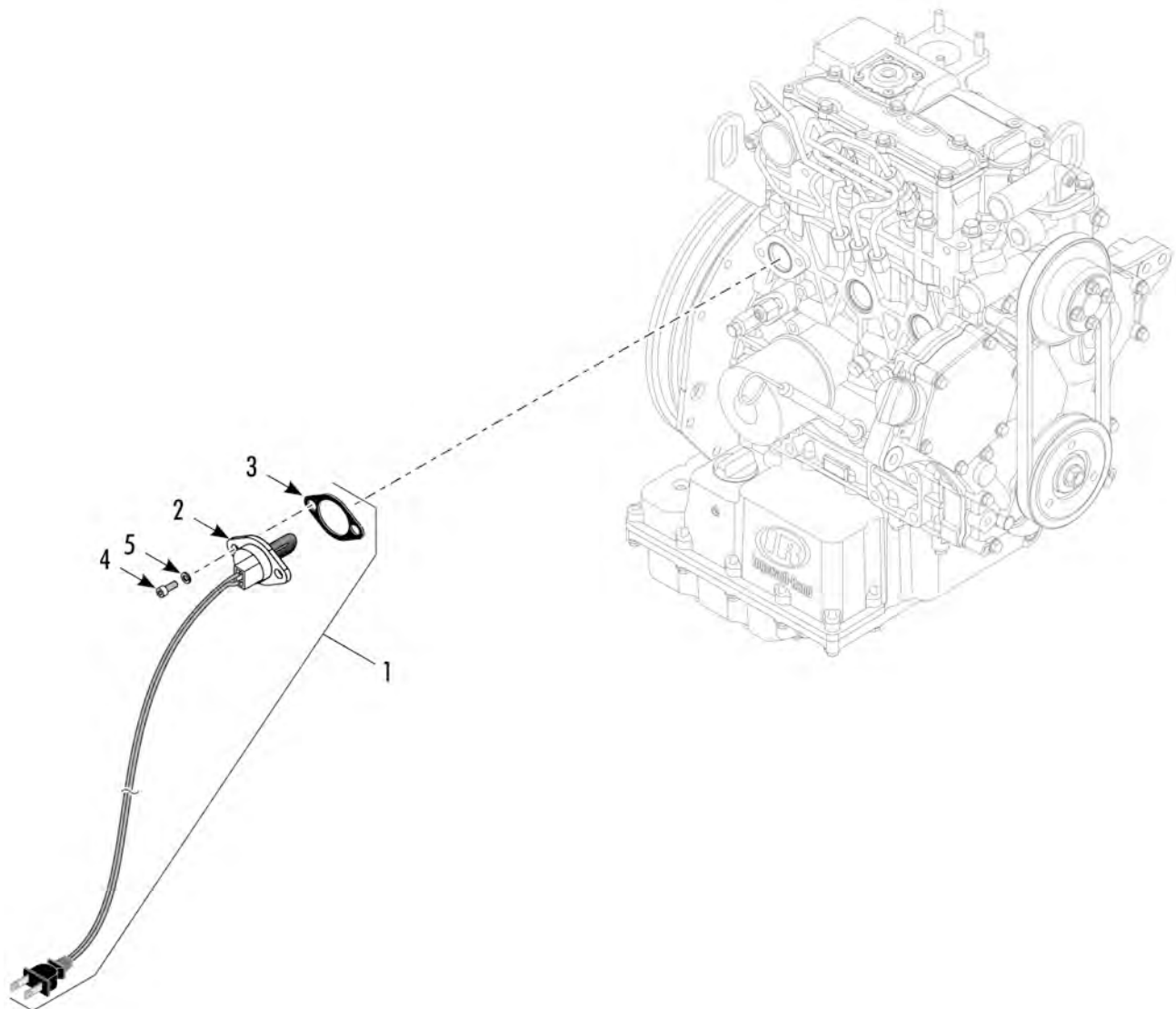
ENGINE COOLING SYSTEM (10/16 & AFTER, MICRO-CHANNEL COIL)



306D3

REF	PART NO.	DESCRIPTION	QTY
22	554167	FITTING - straight	1
	2030385	SEALER - thread	A/R
23	554552	CLAMP - hose	1
24	5030349	CLAMP - hose	1
	554606	SCREW - clamp	2
	557478	LOCKWASHER	2
25	556789	COCK - drain	2
26	132472	HOSE - bleed	1
27	927531	BRACKET - sensor	1
28	416538	SENSOR - engine coolant	1

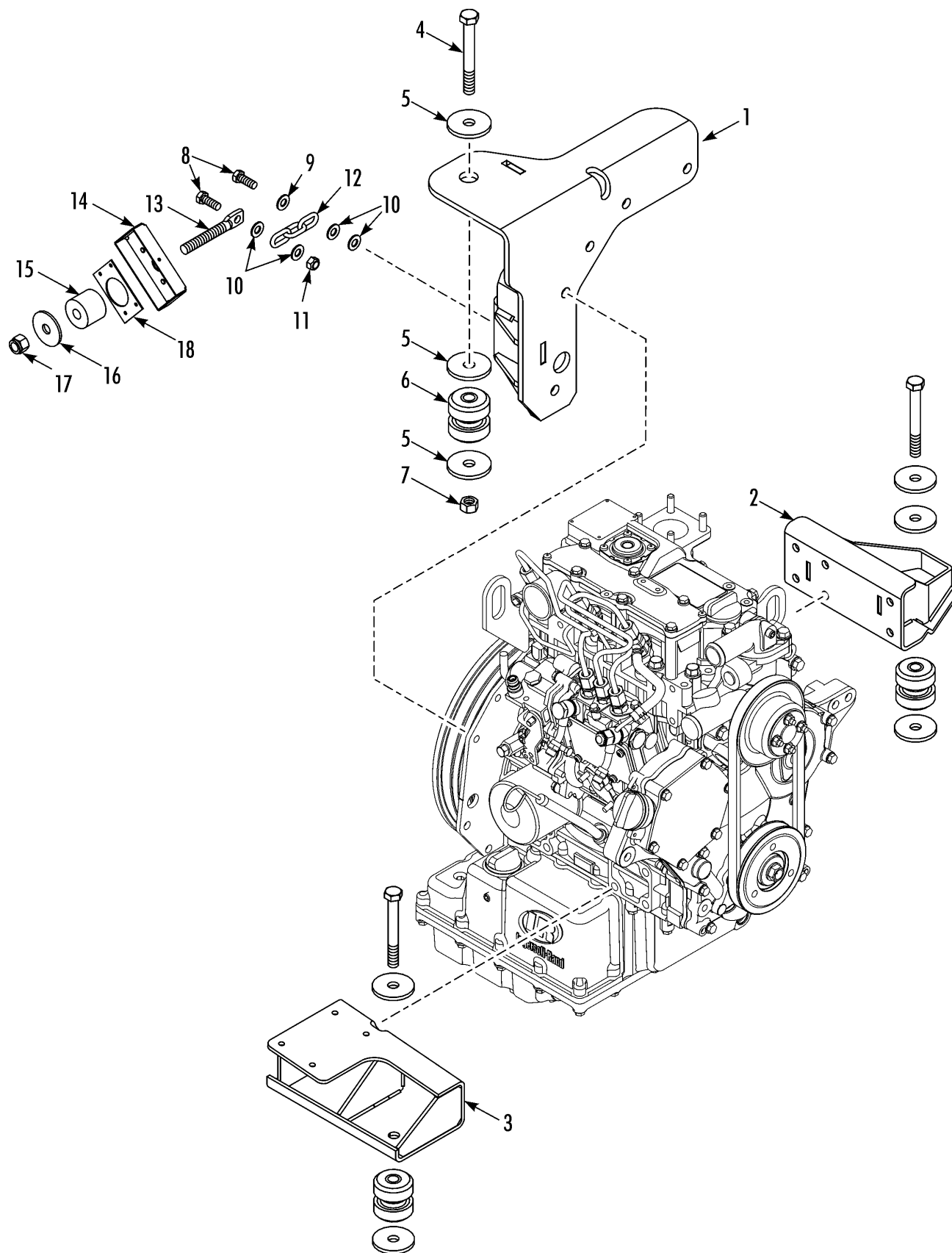
NOTE: See PB1626 for more information identifying waterpump part number location on pump and correct oring for the pump.

118B7**ENGINE BLOCK HEATER**Revised
09/21/17

Revised
09/21/17

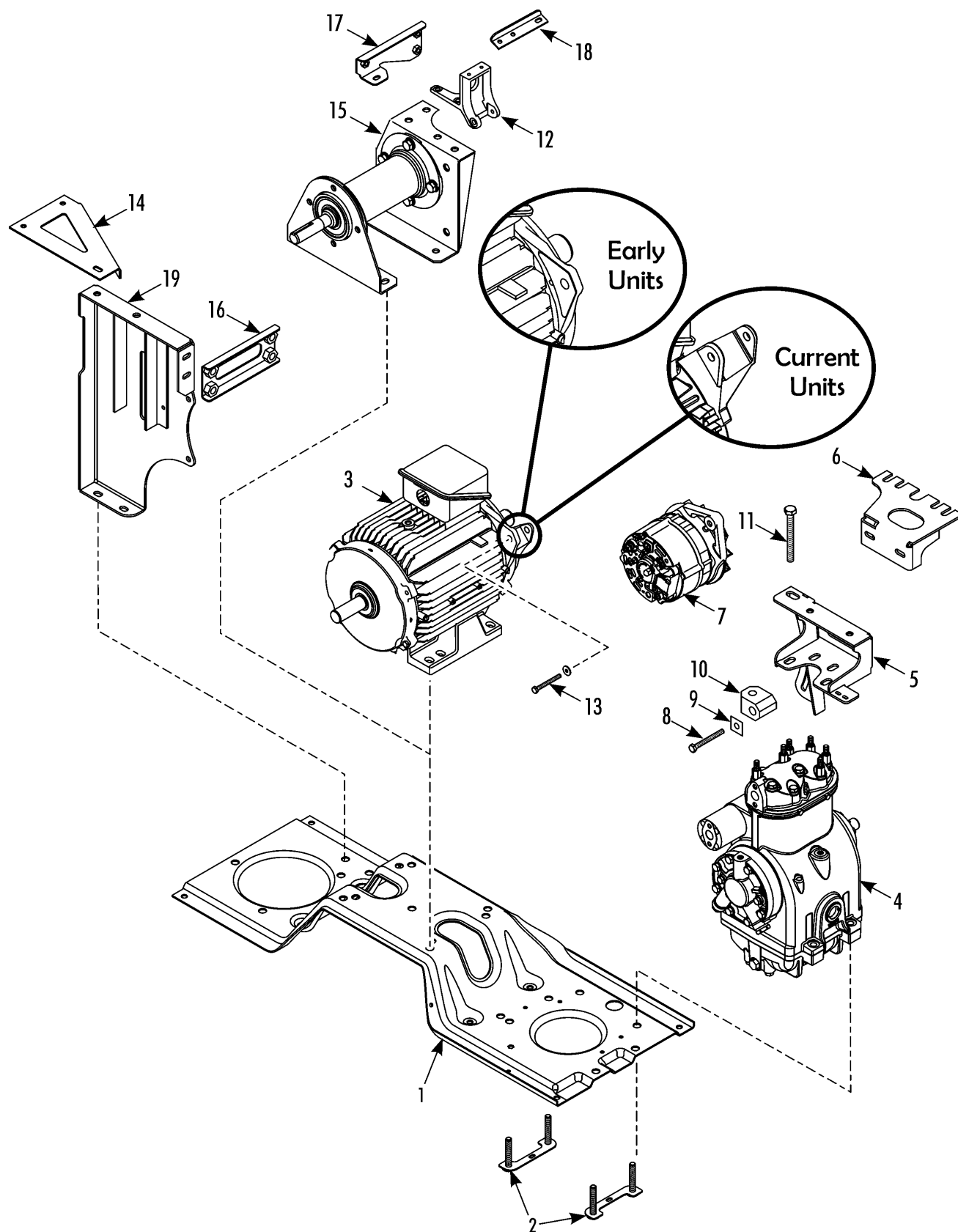
ENGINE BLOCK HEATER**118B7**

REF	PART NO.	DESCRIPTION	QTY
1	400530	KIT - engine block heater (120VAC)	1
2	410463	* HEATER - engine block	1
3	332509	* GASKET - heater	1
4	557726	* SCREW - heater	2
5	557727	* LOCKWASHER	2

261H0**ENGINE MOUNTING GROUP (3TNV74)**Revised
09/16/17

Revised
09/16/17**ENGINE MOUNTING GROUP (3TNV74)****261H0**

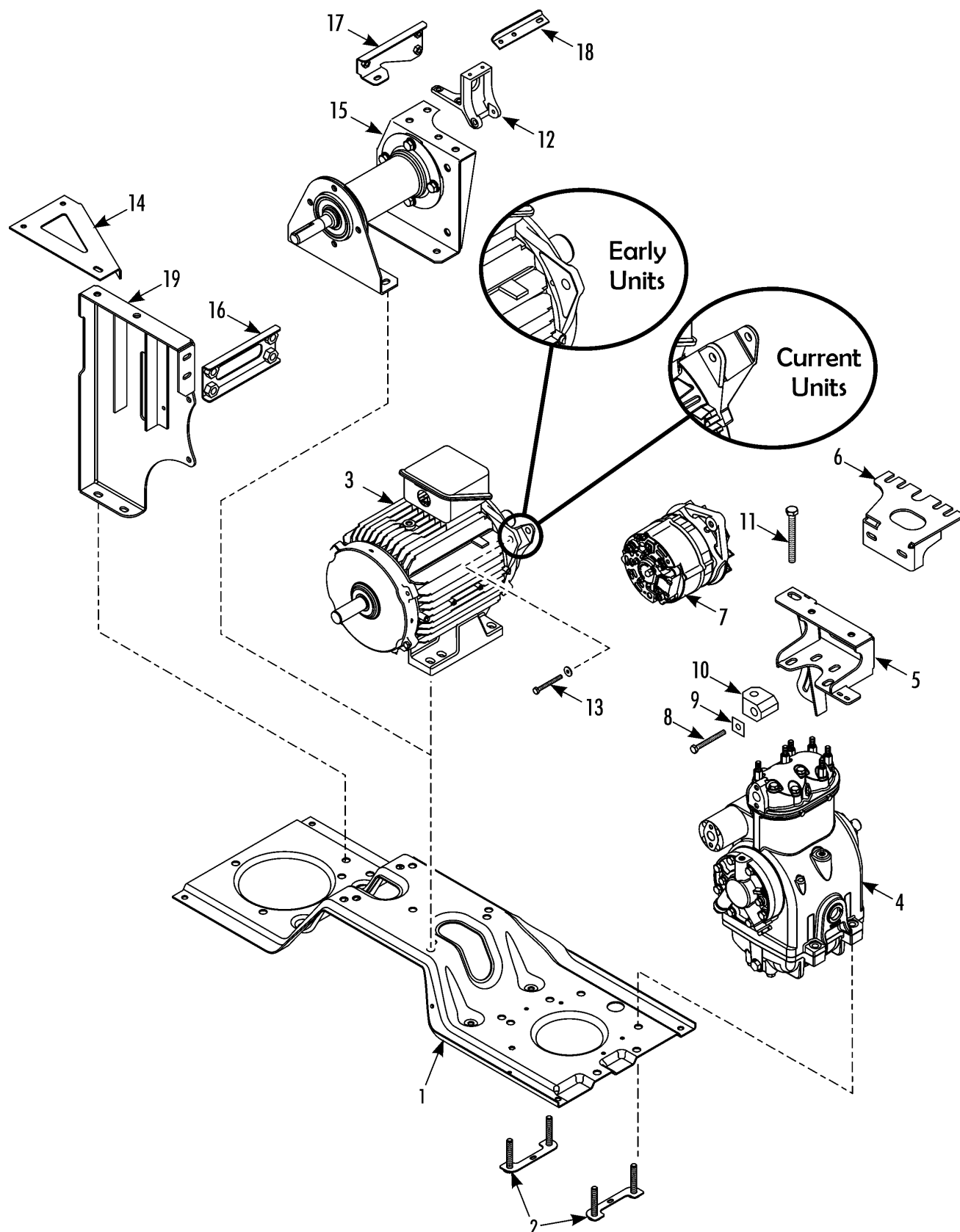
REF	PART NO.	DESCRIPTION	QTY
1	928830	BRACKET - engine (upper rear)	1
2	927529	BRACKET - engine (compressor side)	1
3	927530	BRACKET - engine (door side)	1
	555957	SCREW - plate & bracket (socket head)	14
	557122	WASHER - belleville	14
	2030400	SEALER - thread	A/R
4	559457	SCREW - mount	3
5	555871	WASHER - special	8
6	930577	MOUNT - vibration (set of two)	3
7	553686	NUT	3
8	553048	SCREW - chain	3
9	557122	WASHER - belleville	1
10	552641	FLATWASHER	5
11	558658	NUT	4
12	118035	CHAIN - 3 links	1
13	990541	BOLT - eye 1/2 in	1
14	928831TKA	BRACKET - snubber	1
15	927533	SPACER - spring	1
16	553594	WASHER - special	1
17	552640	NUT	1
18	928832TKA	PLATE - bearing	1
	559495	RIVET - plate	4

261H7**COMPRESSOR & ALTERNATOR
MOUNTING**Revised
09/16/17

Revised
09/16/17**COMPRESSOR & ALTERNATOR
MOUNTING****261H7**

REF	PART NO.	DESCRIPTION	QTY
1	988424	TRAY - power	1
	557355	SCREW - tray	8
	558536	FLATWASHER	8
	557347	LOCKWASHER	8
2	928124	BOLTSTRIP - compressor	2
	557344	NUT - boltstrip	4
	512196	WASHER	4
3	1040784	MOTOR (before 5/13, 7.2 hp)	1
	1040801	MOTOR (5/13 & after, 7.2 hp)	1
	557358	SCREW - motor	4
	552641	FLATWASHER	4
4	8021146	COMPRESSOR - X214 (SR-3 units, see compressor group)	1
	557344	NUT - compressor	4
	552200	LOCKWASHER	4
	550399	WASHER - special	4
5	929601TKA	BRACKET - compressor/ alternator	1
	558658	NUT- compressor	4
	552641	FLATWASHER	4
6	927633	BRACKET - compressor/ frame	1
	556987	SCREW - bracket to bracket	2
	557341	SCREW - bracket to frame	2
	557342	LOCKWASHER	4
	557085	FLATWASHER	4
7	452589	ALTERNATOR (original equipment, 37A / 14V, w/o fan, see 208F4)	1
	452590	ALTERNATOR (original equipment, 65A / 14V, w/o fan, see 242F5)	1
	418851	* REGULATOR & BRUSH	1
	422341	FAN - alternator (bi-directional)	1
8	511867	SCREW - alternator adjust (M8 x 50)	1
	512376	SCREW - alternator adjust (M8 x 60)	1

Refer to Parts Bulletin PB1517 for information on the new compressor, crankshaft and drive key.

261H7**COMPRESSOR & ALTERNATOR
MOUNTING**Revised
09/16/17

Revised
09/16/17**COMPRESSOR & ALTERNATOR
MOUNTING****261H7**

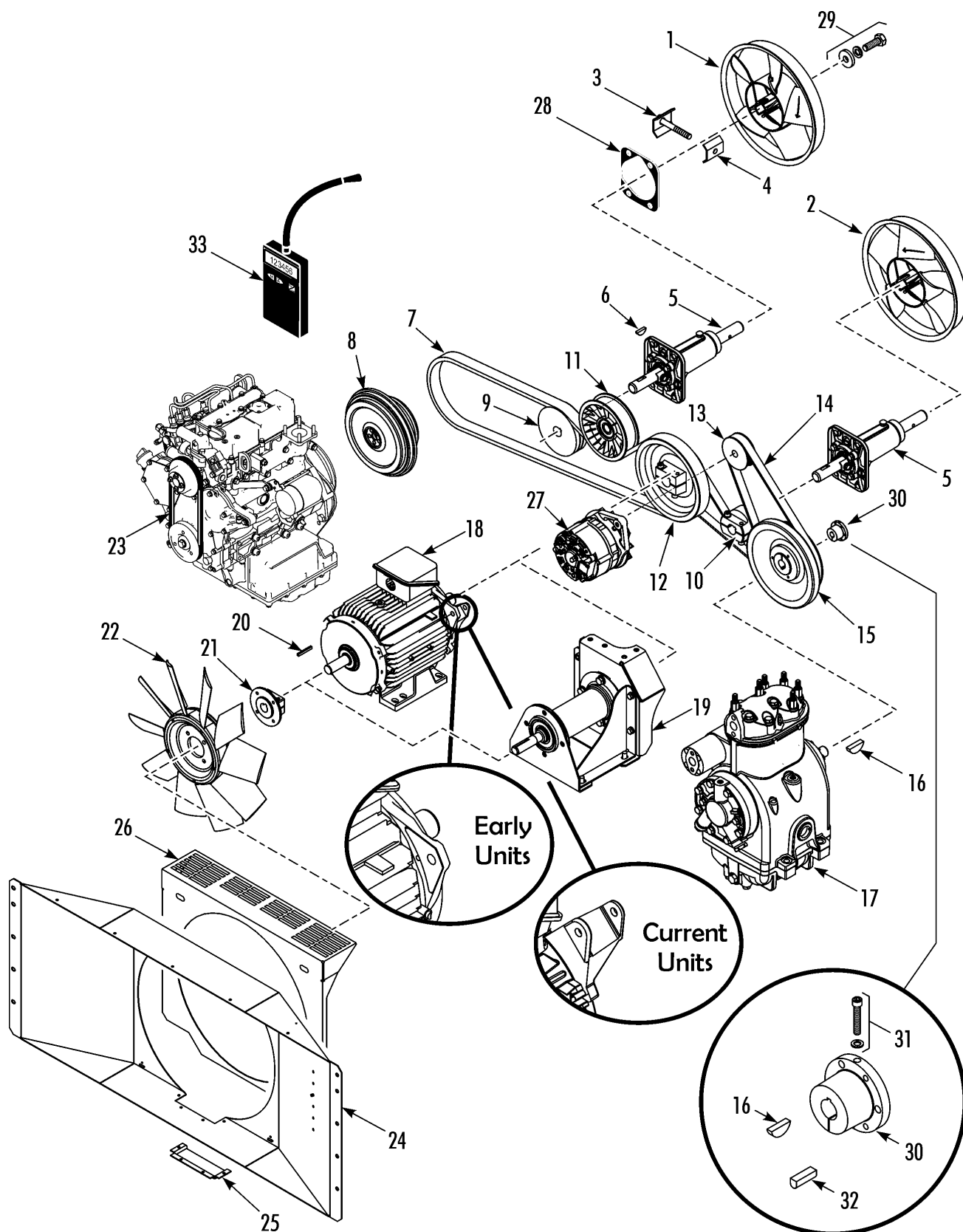
REF	PART NO.	DESCRIPTION	QTY
	557342	LOCKWASHER (M8)	1
9	930617	GAUGE - angle adjust	2
10	773052	BLOCK - adjust	1
11	512189	SCREW - alternator adjust (M10 x 130)	1
	1081728	SCREW - alternator adjust (M10 x 160)	1
	557122	WASHER (Belleville)	1
12	929607	BRACKET - alternator/ jackshaft	1
	557006	NUT - bracket	2
13	558379	SCREW - alternator pivot (M10)	1
	557347	LOCKWASHER (M10)	1
	558536	FLATWASHER (M10)	1
14	929228	BRACKET - arch support	1
	557341	SCREW - bracket	3
	557069	FLATWASHER	3
	557727	LOCKWASHER	3
15	781695	JACKSHAFT (see 235H7)	1
16	928490TKA	BRACKET - tension (50s)	1
17	927760	BRACKET - tension (30s)	1
	556764	SCREW - bracket (M8 X 70)	2
	556215	SCREW - bracket (M8 X 20)	2
	557072	FLATWASHER	4
	551173	LOCKWASHER	4
18	928385	BRACKET - support (30s)	1
19	930625	BRACKET - tension (see 250F5)	1

Refer to Parts Bulletin PB1517 for information on the new compressor, crankshaft and drive key.

267A1



BELTS, PULLEYS & FAN GROUP (2/13 & after)

Revised
03/15/18

Revised
03/15/18**BELTS, PULLEYS & FAN GROUP (2/13 &
after)****267A1**

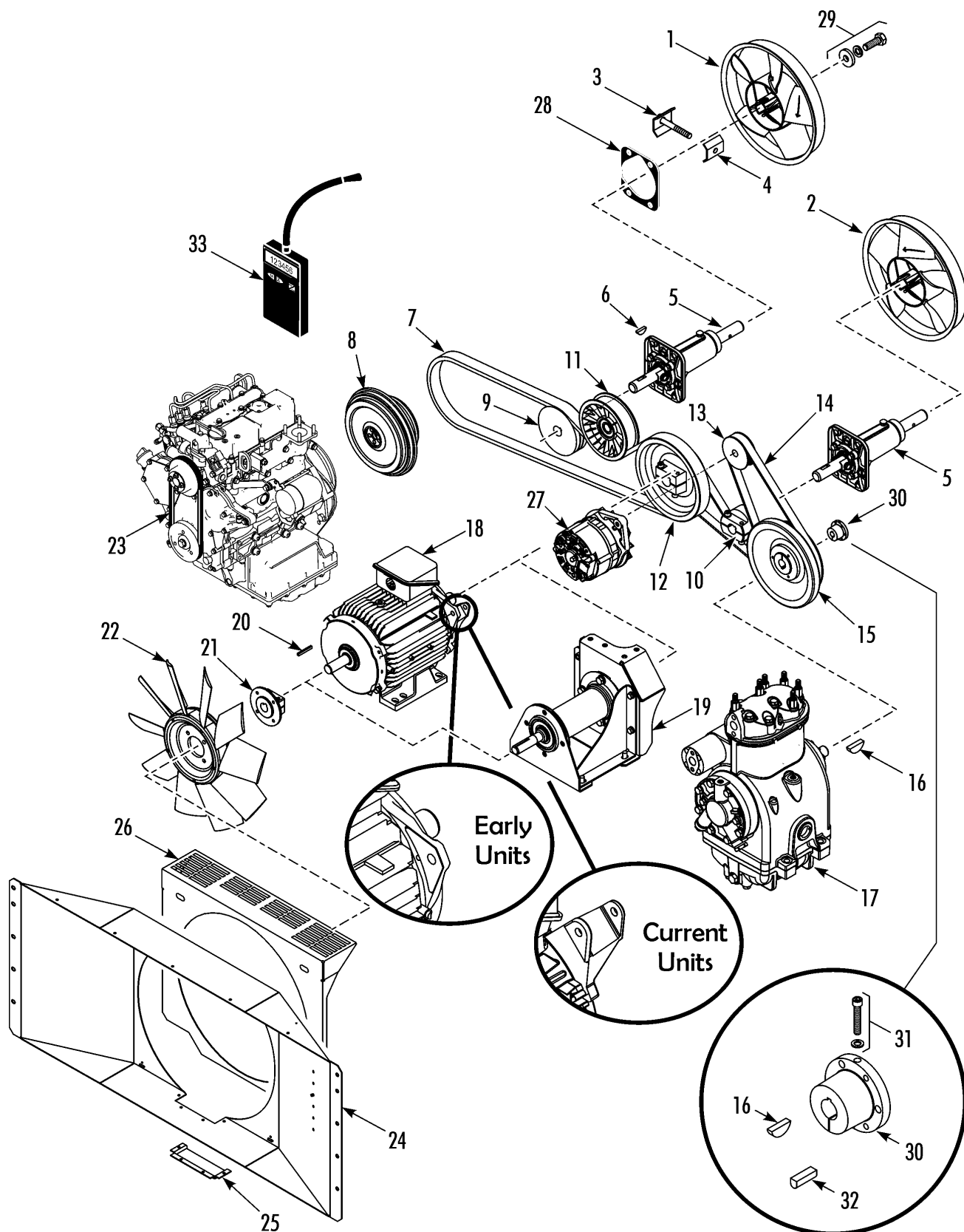
REF	PART NO.	DESCRIPTION	QTY
1	781307	FAN - evaporator (engine side)	1
2	781306	FAN - evaporator (compressor side)	1
3	772961	CLIP - hub (w/ M6 screw)	2
	773130	CLIP - hub (w/ M8 screw, see note)	2
4	771464	CLIP - hub	2
	557008	NUT (M6)	2
	557075	FLATWASHER	2
	557339	NUT (M8)	2
	557085	FLATWASHER	2
5	781682	FANSHAFT (see 235H1)	2
	557839	SCREW - fanshaft	8
	558536	FLATWASHER	8
	557347	LOCKWASHER	8
6	550457	KEY - woodruff	2
7	781724	BELT - engine to motor/ jackshaft	1
8	1070349	CLUTCH (see 145F4)	1
	555022	SCREW - clutch	6
9	772953	PULLEY - evaporator fan (engine side)	1
10	773089	PULLEY - evaporator fan (compressor side)	1
	511005	SCREW - pulley	4
	557727	LOCKWASHER	4
11	773037TKA	PULLEY - tensioner (see 250F5 or 279E9)	1
12	772995	PULLEY - motor/ jackshaft	1
	559724	SCREW - pulley	2
	557727	LOCKWASHER	2
13	772964	PULLEY - alternator	1
14	781822	BELT - motor to compressor	1
15	773107	PULLEY - compressor (includes item 30)	1
	773062	* PULLEY (w/o bushing)	1

Refer to Parts Bulletin PB1517 for information on the new compressor, crankshaft and drive key.

267A1



BELTS, PULLEYS & FAN GROUP (2/13 & after)

Revised
03/15/18

Revised
03/15/18**BELTS, PULLEYS & FAN GROUP (2/13 &
after)****267A1**

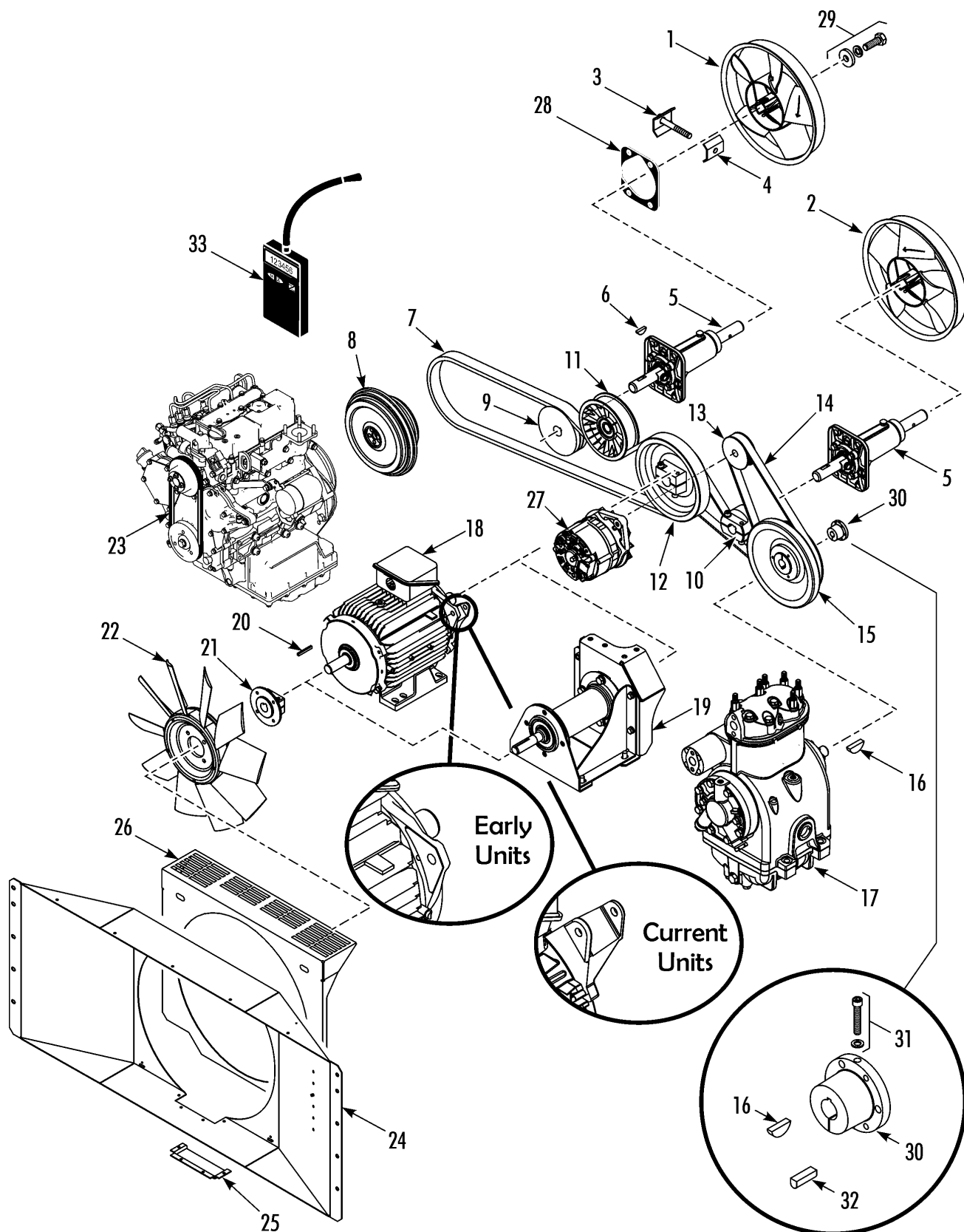
REF	PART NO.	DESCRIPTION	QTY
16	550455	KEY - compressor pulley (woodruff, see note)	1
17	NSS	COMPRESSOR - X214 (new exchange, see 185H5)	1
	8021146	COMPRESSOR - X214 (new exchange, see 275C4)	1
18	1040784	MOTOR (before 5/13, 7.2 hp)	1
	1040801	MOTOR (5/13 & after, 7.2 hp)	1
19	781695	JACKSHAFT (see 259E2)	1
20	552048	KEY - square	1
21	771699	HUB - fan	1
	558650	SCREW - hub	2
	550790	LOCKWASHER	2
	550371	FLATWASHER	2
22	781403TKA	FAN - condenser	1
	781708	FAN - condenser (Ldb option, see 240B2)	1
	550141	SCREW - fan	4
	550790	LOCKWASHER	4
23	781492	BELT - water pump (see 213H6)	1
24	989019	PLENUM - condenser fan (before 10/16)	1
	989668	PLENUM - condenser fan (10/16 & after)	1
25	927535	* POCKET - plenum	1
	511602TKA	* RIVET - pocket	4
	929927	* CLIP - retaining	2
	553136	* RIVET - clip	2
26	921551	ORIFICE - condenser fan	1
	556994	SCREW - orifice	2
	553045	LOCKWASHER - dome	2
	557727	LOCKWASHER	2
27	452589	ALTERNATOR (original equipment, 37A / 14V, w/o fan, see 208F4)	1
	452777	ALTERNATOR (standard life plus, 37A / 14V, w/o fan, see 208F4)	1
	8452589	ALTERNATOR (37A, w/o fan, reman, North America)	1

Refer to Parts Bulletin PB1517 for information on the new compressor, crankshaft and drive key.

267A1



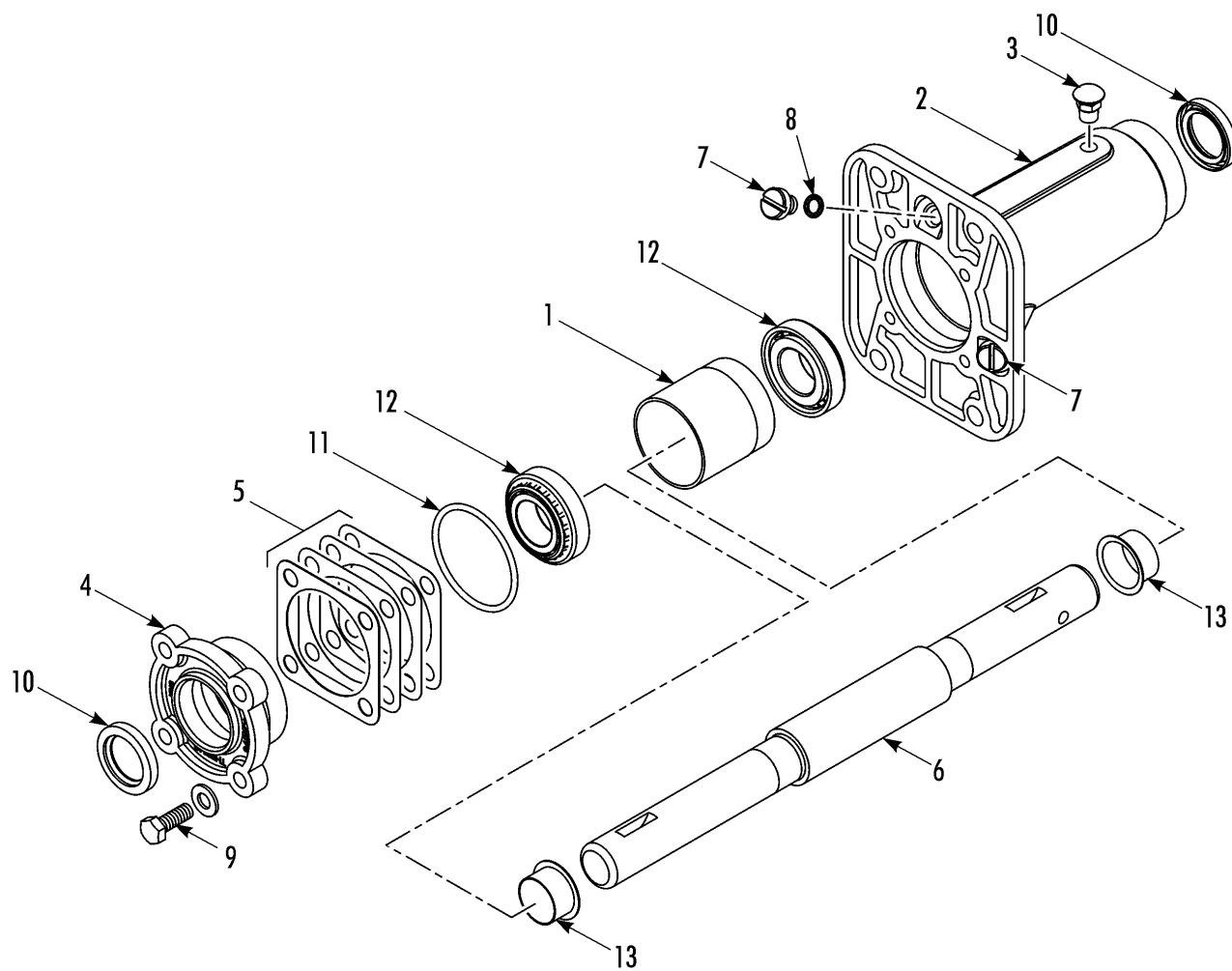
BELTS, PULLEYS & FAN GROUP (2/13 & after)

Revised
03/15/18

Revised
03/15/18**BELTS, PULLEYS & FAN GROUP (2/13 &
after)****267A1**

REF	PART NO.	DESCRIPTION	QTY
	8452589	ALTERNATOR (37A, w/o fan, reman, Europe)	1
	418851	* REGULATOR & BRUSH	1
	417299	FAN - alternator (ccw rotation)	1
28	927758	SPACER - fanshaft (engine side, before 10/14)	1
	933467	SPACER - fanshaft (engine side, 10/14 & after)	1
29	557355	SCREW - fan	2
	557347	LOCKWASHER	2
	511877	WASHER - special	2
30	772537	BUSHING - pulley (compressor)	1
	512608	SCREW - bushing	3
	550366	LOCKWASHER	3
31	512829	SCREW - key locking	1
	551800TKA	LOCKWASHER	1
32	559032	KEY - compressor pulley (see note)	1
33	2041903TKA	TOOL - belt tension	1

Refer to Parts Bulletin PB1517 for information on the new compressor, crankshaft and drive key.

235H1**FANSHAFT ASSEMBLY**Revised
09/16/17

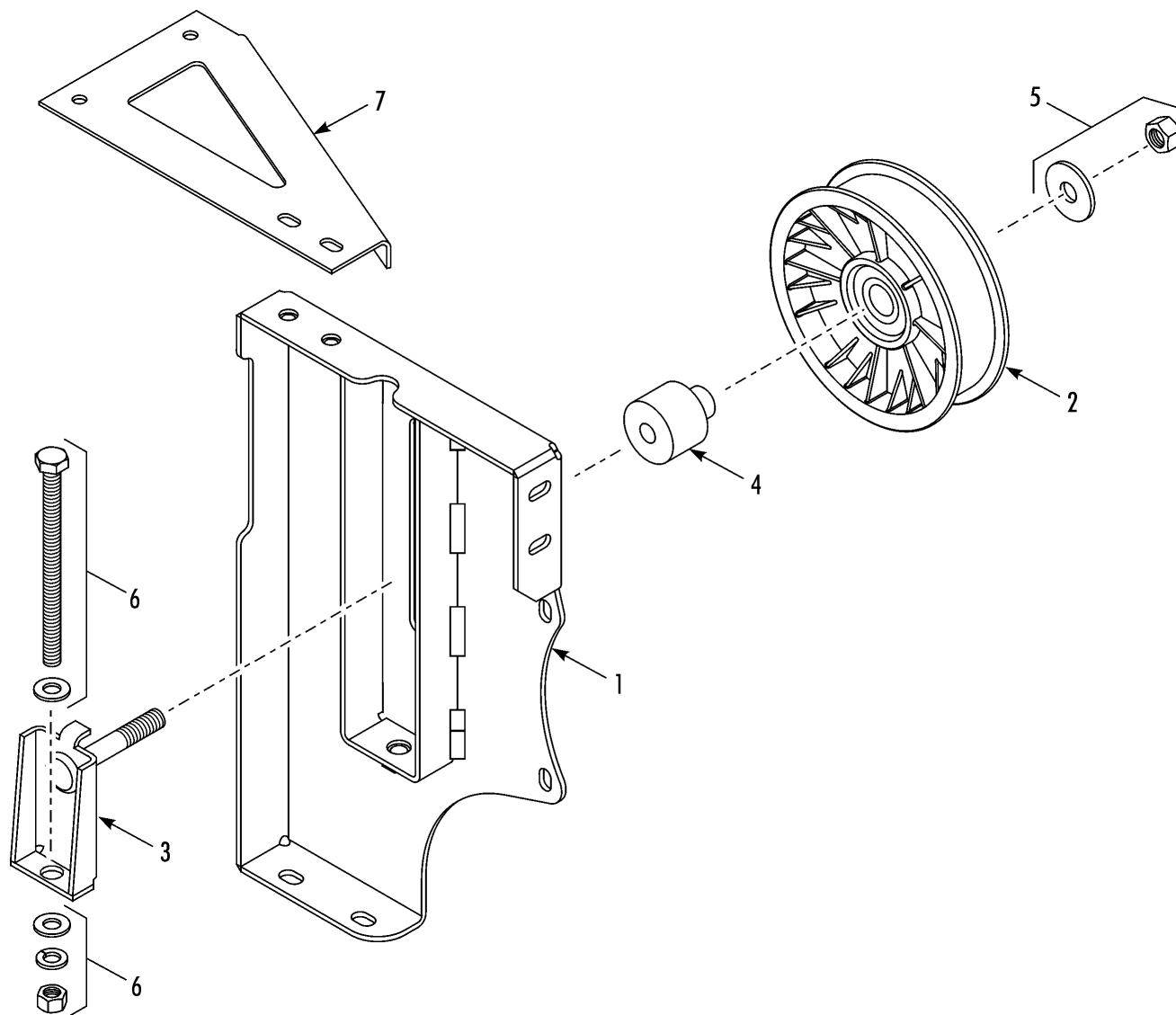
Revised
09/16/17

FANSHAFT ASSEMBLY



235H1

REF	PART NO.	DESCRIPTION	QTY
	781682	FANSHAFT - assembly	1
1	993264	* TUBE - splash guard	1
2	993262	* HOUSING	1
3	556418	* VENT - air	1
	556416	** CAP - air vent	1
4	911203TKA	* CAP	1
5	992901	* SHIM (0.005 thk)	A/R
	992902	* SHIM (0.007 thk)	A/R
	994231	* SHIM (0.020 thk)	A/R
6	772955	* FANSHAFT	1
7	553350	* SCREW - oil plug	2
8	331009	* O-RING	2
9	553834	* SCREW - cap	4
	552958	* LOCKWASHER	4
	700135TKA	* KIT - fanshaft repair	1
10	332134	** SEAL - oil	2
11	330982	** O-RING	1
12	771070	** BEARING - roller	2
	2030278	* OIL  synthetic (1 gallon)	A/R
13	116863	SLEEVE - repair (set of 10)	1

250F5**IDLER PULLEY (2/11 & after)**Revised
09/26/17

Revised
09/26/17

IDLER PULLEY (2/11 & after)



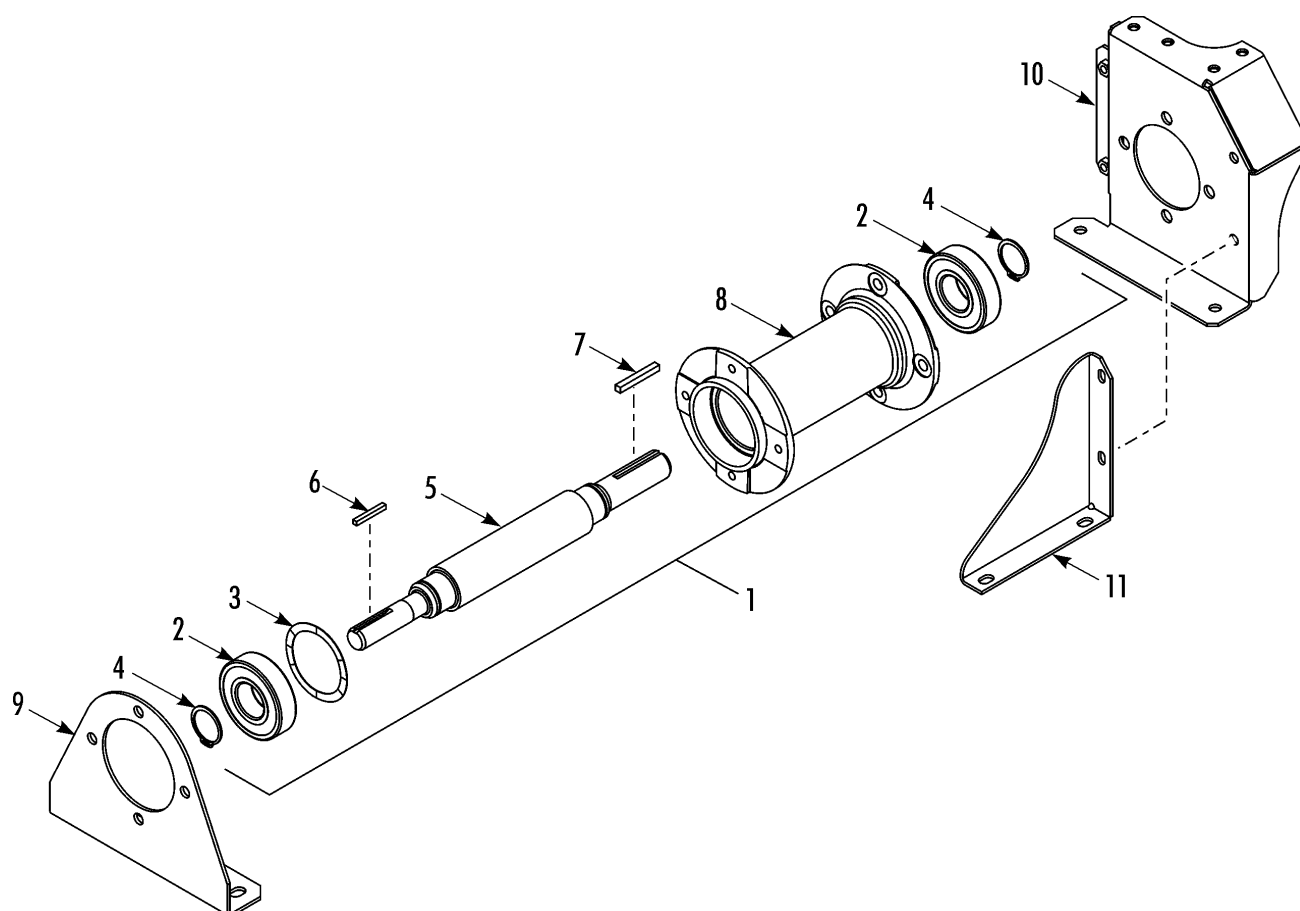
250F5

REF	PART NO.	DESCRIPTION	QTY
1	929226	BRACKET - tensioner (T-570/600/800)	1
	930625	BRACKET - tensioner (T-580/680/880)	1
	929229	BRACKET - tensioner (T-1000/1200)	1
2	773037TKA	PULLEY - tensioner	1
	773124	* BEARING	1
3	929227	BRACKET - adjuster	1
4	772996TKA	BUSHING - pulley	1
5	558471	NUT - pulley	1
	556283	LOCKWASHER	1
	511468	FLATWASHER	1
6	512147	SCREW - adjuster	1
	557072	FLATWASHER	2
	551173	LOCKWASHER	1
	556573	NUT	1
7	929228	BRACKET - support	1

259E2



JACKSHAFT ASSEMBLY

Revised
09/16/17

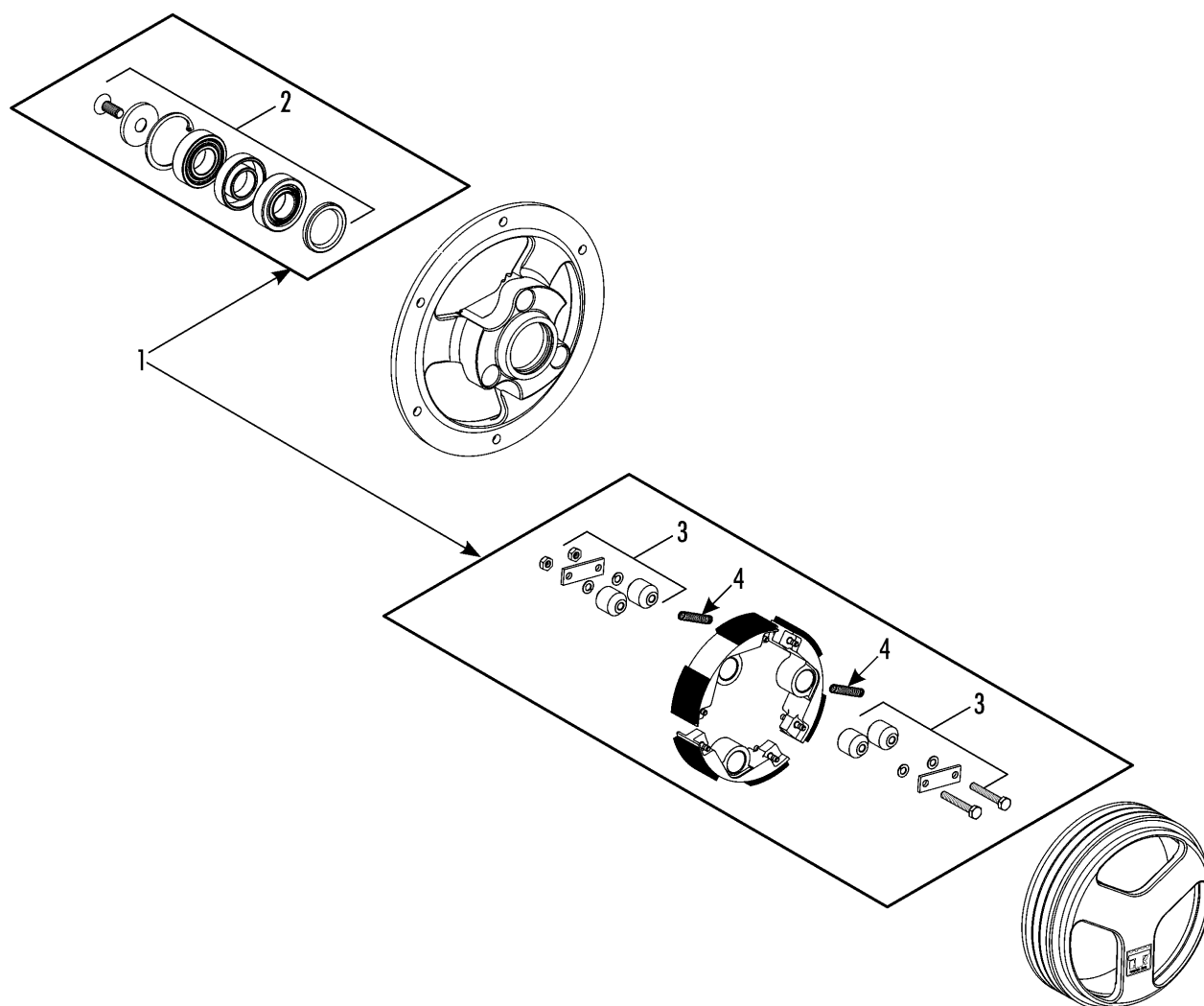
Revised
09/16/17

JACKSHAFT ASSEMBLY



259E2

REF	PART NO.	DESCRIPTION	QTY
1	781695	JACKSHAFT	1
2	773022	* BEARING	2
3	559958	* WASHER - wave	1
4	559957	* RING - external	2
5	772959	* SHAFT	1
6	553264	* KEY (1.25 in lg)	1
7	553263	* KEY (1.75 in lg)	1
8	NSS	* HOUSING	1
9	927844	BRACKET - condenser side	1
10	929605	BRACKET - evaporator side T-500R/DAIRY)	1
	930626	BRACKET - evaporator side (T-6XX/8XX)	1
	556998	SCREW - cover	8
	557347	LOCKWASHER	8
	558536	FLATWASHER	8
11	929606	SUPPORT - jackshaft	1
	557341	SCREW - support (M8)	2
	557342	LOCKWASHER	2
	557085	FLATWASHER	2
	557355	SCREW - jackshaft (M10)	4
	557347	LOCKWASHER	4
	558536	FLATWASHER	4

145F4**CLUTCH ASSEMBLY (1070349)**Revised
10/27/17

Revised
10/27/17

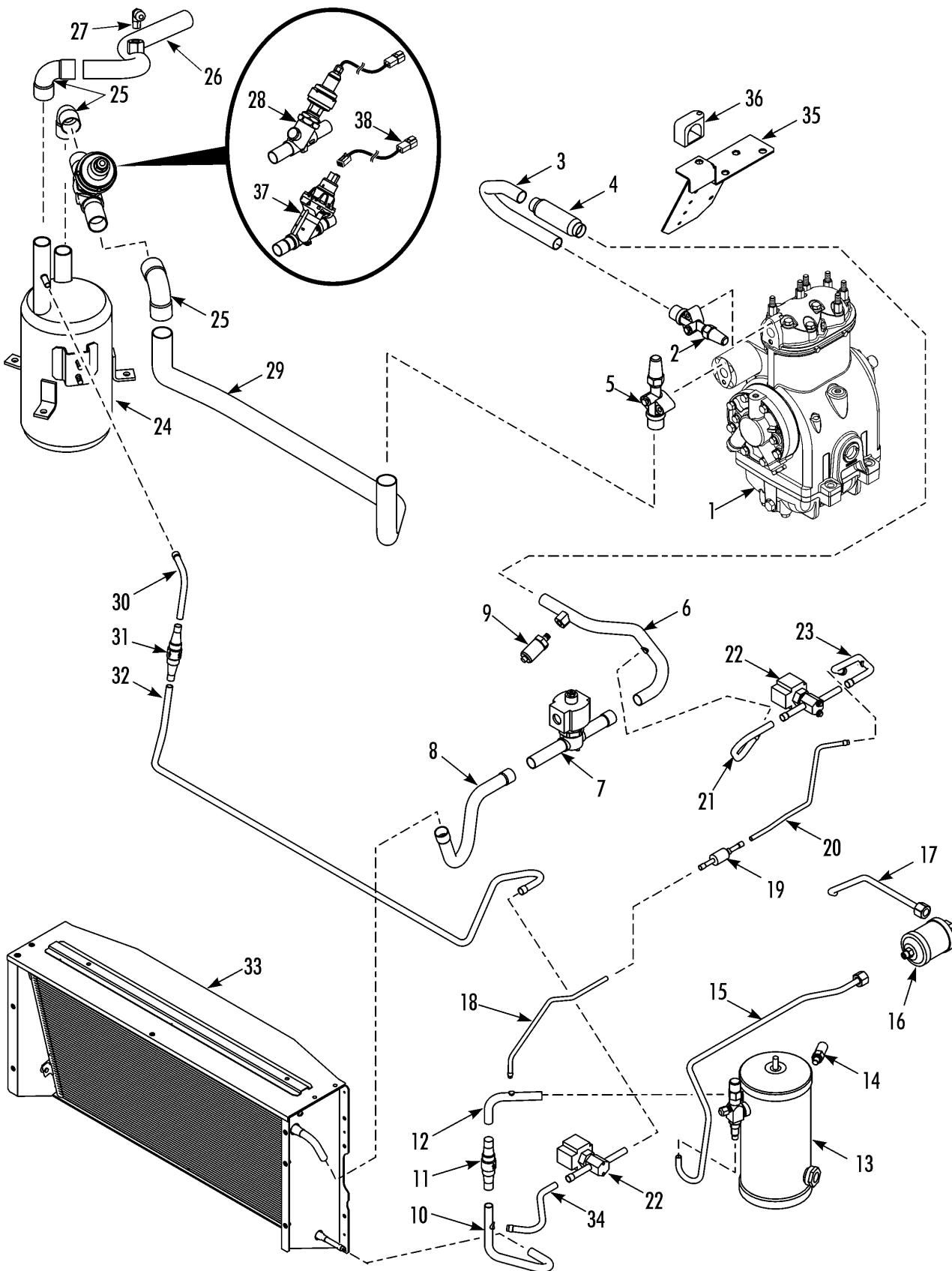
CLUTCH ASSEMBLY (1070349)



145F4

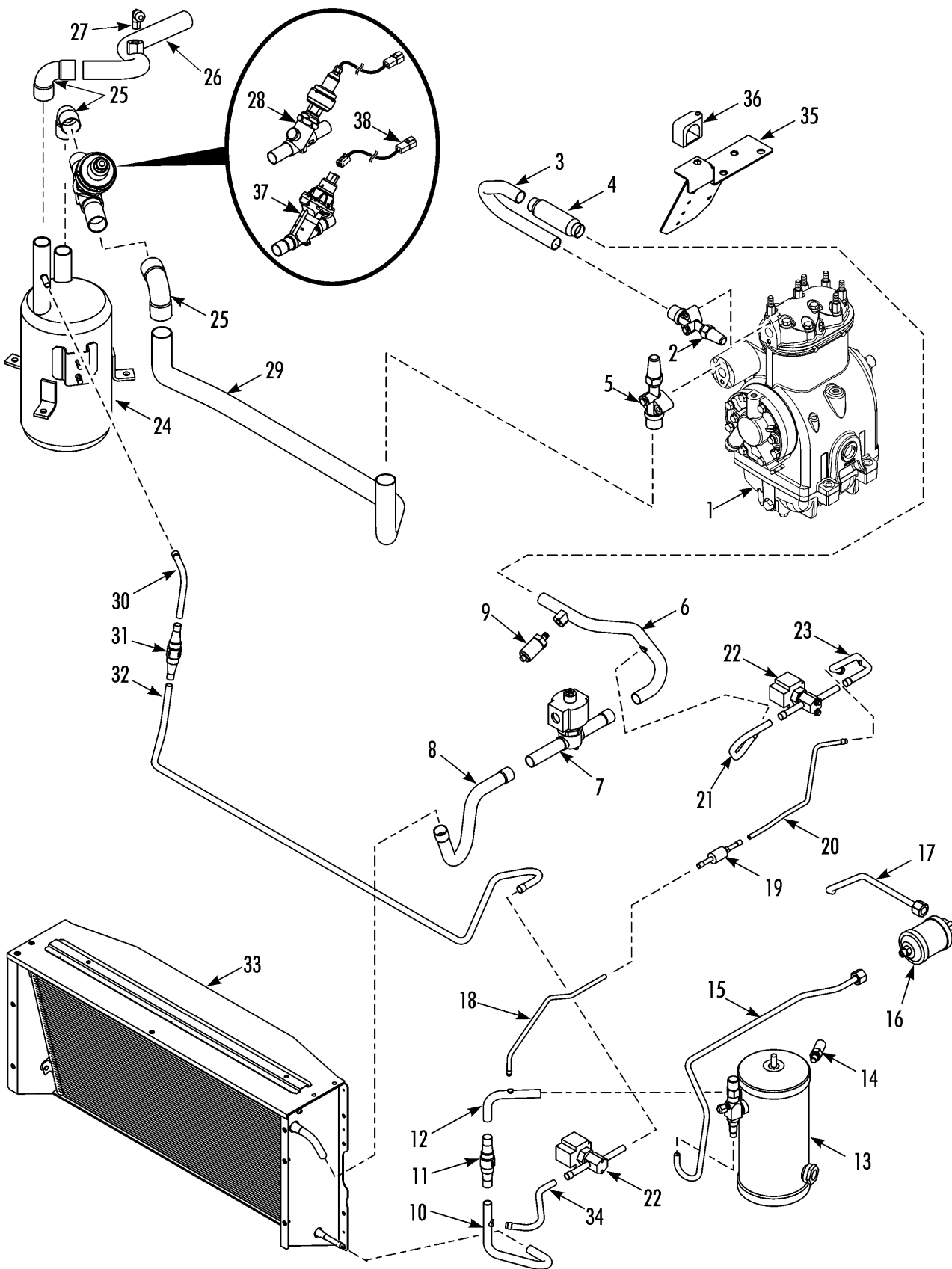
REF	PART NO.	DESCRIPTION	QTY
	1070349	CLUTCH	1
	1070348	CLUTCH (under mount units only)	1
1	700189TKA	* KIT - clutch repair	1
2	700175TKA	** KIT - bearing	1
3	700190TKA	** KIT - shoe	1
4	772608	*** SPRING	2

NOTE: Clutch 1070291 replaces clutch 1070257 & 1070204. See 132D14 for replacement parts for 1070257.
See 94B1 for replacement parts for 1070204.

267A2**REFRIGERATION - CONDENSER (T-680R/
880R)**Revised
09/16/17

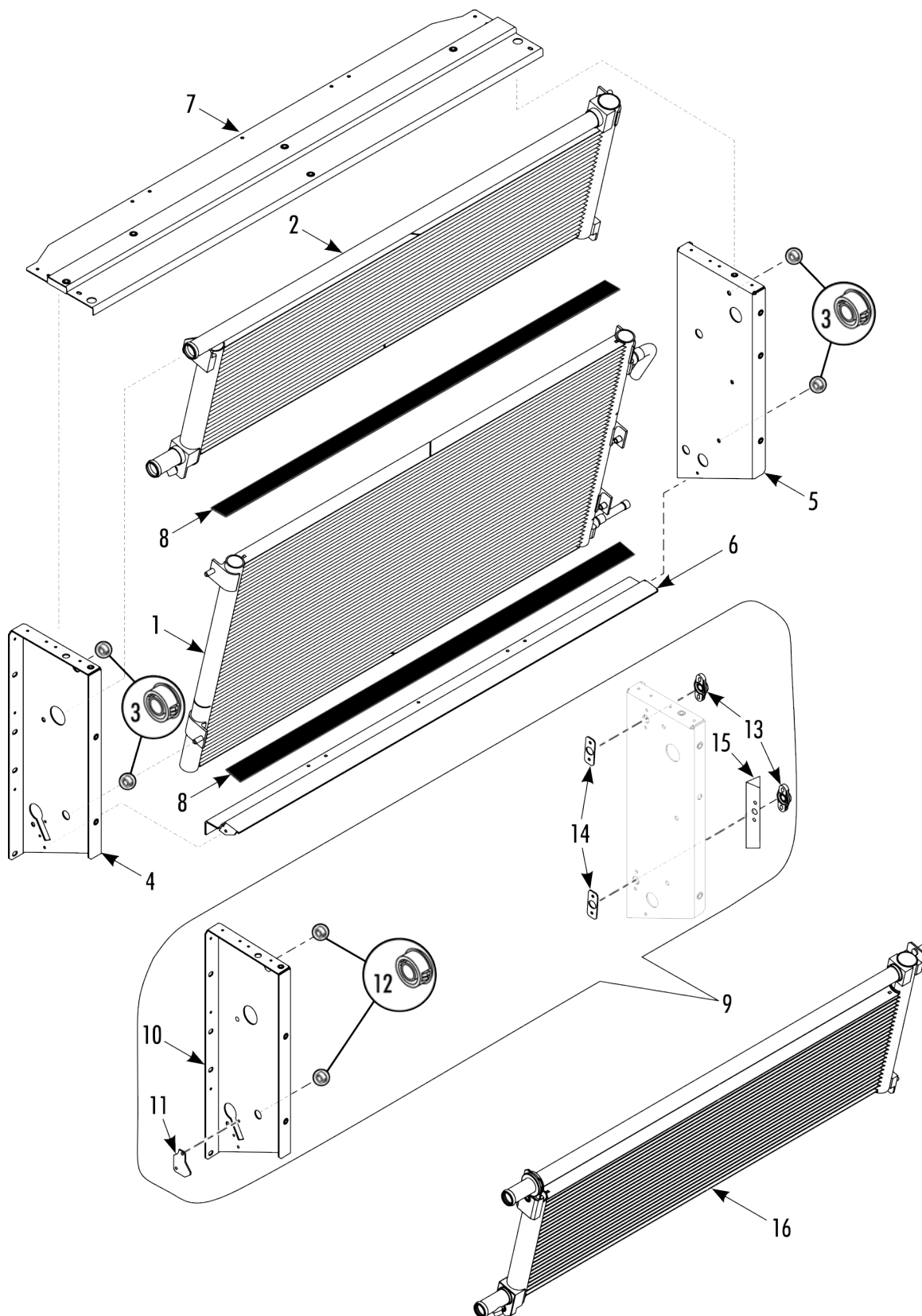
Revised
09/16/17**REFRIGERATION - CONDENSER (T-680R/
880R)****267A2**

REF	PART NO.	DESCRIPTION	QTY
1	8021146	COMPRESSOR - X214 (new exchange, see 185H5 or 275C4)	1
2	660129	VALVE - discharge (see 185H5 or 275C4)	1
3	614798	TUBE - valve to strainer	1
4	614682	STRAINER - discharge	1
5	661916	VALVE - suction	1
6	616171	TUBE - strainer to condenser valve	1
7	616618	VALVE - condenser inlet	1
	445174	* COIL	1
8	616122	TUBE - valve to condenser	1
9	421312	TRANSDUCER - discharge	1
10	616123	TUBE - condenser to check valve	1
11	665722	VALVE - check	1
12	615954	TUBE - check valve to receiver tank	1
13	672706	TANK - receiver (see 235H5)	1
14	667392	VALVE - relief	1
15	615955	TUBE - tank to dehydrator	1
16	610800	DEHYDRATOR (see 235H6)	1
17	616124	TUBE - dehydrator to evaporator	1
18	615959	TUBE - valve to receiver tank	1
19	668669	VALVE - check	1
20	614707	TUBE - valve to tube	1
21	616126	TUBE - discharge tube to hot gas solenoid	1
22	666384	VALVE - hot gas & purge (see 116G10)	2
23	616125	TUBE - hot gas (valve to evaporator)	1
24	672908	TANK - accumulator	1
	555579	SCREW - tank	3
	551173	LOCKWASHER	3
	557072	FLATWASHER	3
25	553682	ELBOW	3
26	614681	TUBE - evaporator to elbow	1

267A2**REFRIGERATION - CONDENSER (T-680R/
880R)**Revised
09/16/17

Revised
09/16/17**REFRIGERATION - CONDENSER (T-680R/
880R)****267A2**

REF	PART NO.	DESCRIPTION	QTY
	663570	* FITTING - saddle	1
27	115513	* VALVE - elbow	1
	117777	* INSERT - valve	1
	551983	* CAP - valve	1
28	614525	VALVE - pressure regulator (electric) (see PB1601 for more information)	1
	401029	* KIT - valve repair	1
29	616372	TUBE - suction (valve to valve)	1
30	615718	TUBE - accumulator to check valve	1
31	615725	VALVE - check	1
32	616071	TUBE - solenoid to check valve	1
33	NSS	COIL - condenser/ radiator (North America before 6/15 & Europe before 8/15, see 272H1)	1
	672968	COIL - condenser/ radiator (North America 6/15 & after, Europe 8/15 & after, see 290H1)	1
34	615960TKA	TUBE - check valve to solenoid	1
35	930676	BRACKET - strainer/ harness support	1
	449906	TAB - mounting	6
	511768	MOUNT - bandwrap	1
36	913886	CLAMP - tube	1
	557839	SCREW - clamp	8
37	600669	KIT - valve & harness (see PB1601 for more information)	1
	617724	* VALVE - throttling (electronic)	1
38	422524	* HARNESS - jumper	1
	401313	KIT - valve repair	1

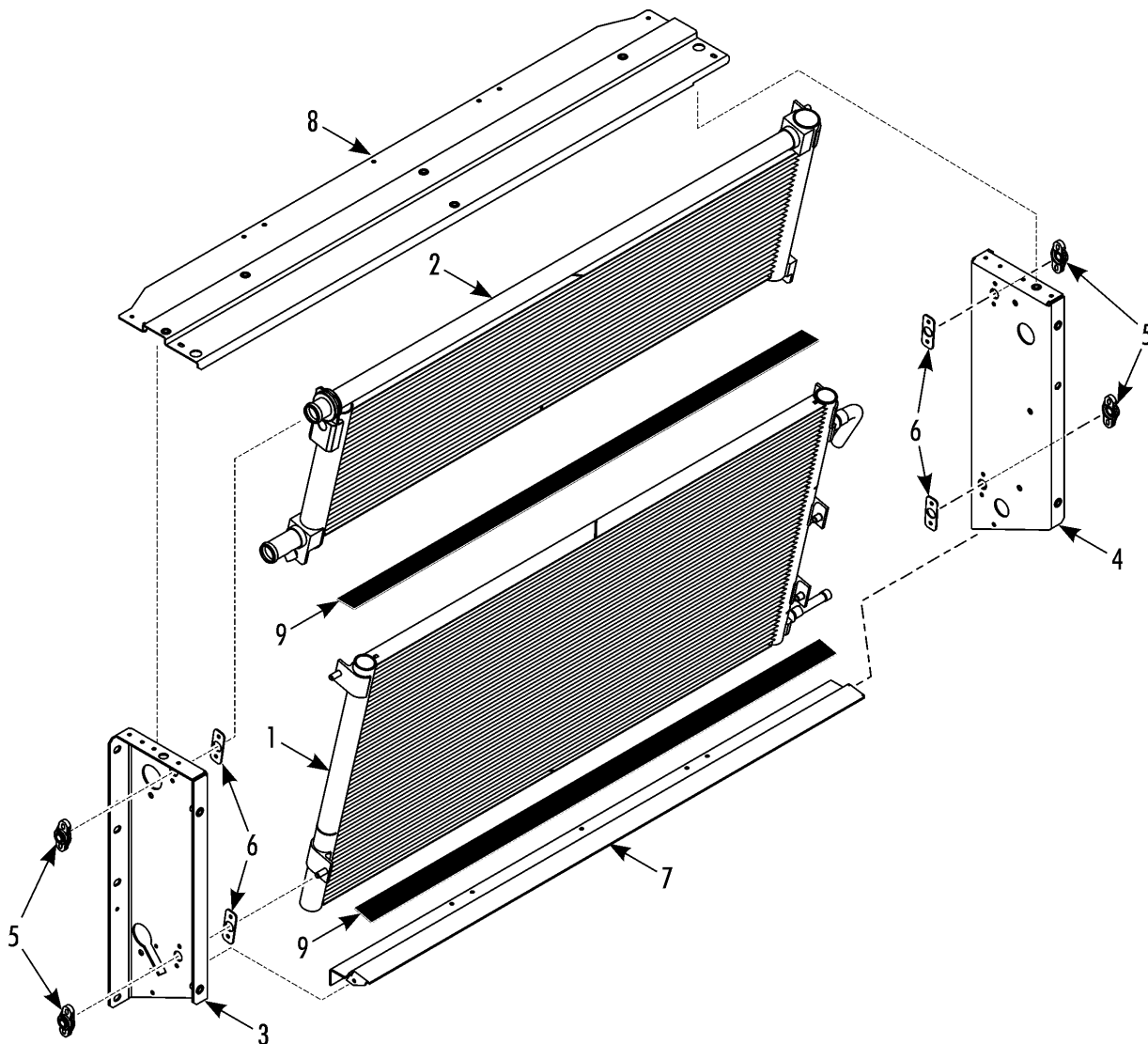
272H1**CONDENSER/ RADIATOR (North America
before 6/15 & Europe before 8/15)**Revised
09/16/17

Revised
09/16/17**CONDENSER/ RADIATOR (North America
before 6/15 & Europe before 8/15)****272H1**

REF	PART NO.	DESCRIPTION	QTY
	NSS	COIL - condenser/ radiator (micro-channel coil, see note)	1
1	NSS	* COIL - condenser (see note)	1
2	NSS	* COIL - radiator (see note)	1
3	512291	* BUSHING - snap-in	4
	511926	* SCREW - condenser & radiator	4
4	931516	* BRACKET - coil (radiator side)	1
5	931517	* BRACKET - coil (condenser side)	1
6	931518	* COVER - bottom	1
7	931382	* COVER - top	1
	553136	* RIVET - cover	8
8	332472	* STRIP - coil (25 ft)	A/R
	556993	SCREW - coil	8
	557342	LOCKWASHER	8
	510953	WASHER - special	8
9	100545	KIT - radiator mounting (see note)	1
10	935186	* BRACKET - coil (radiator side)	1
11	935182	* COVER	1
	553136	* RIVET	3
12	512291	* BUSHING - snap-in	2
13	513109	* BEARING - mounting	2
14	933422	* BRACKET - bearing	2
	557089	* FLATWASHER	4
	557034	* NUT	4
15	935183	* BRACKET - support (condenser side)	1
16	673054	COIL - radiator (see PB1606 for more information)	1

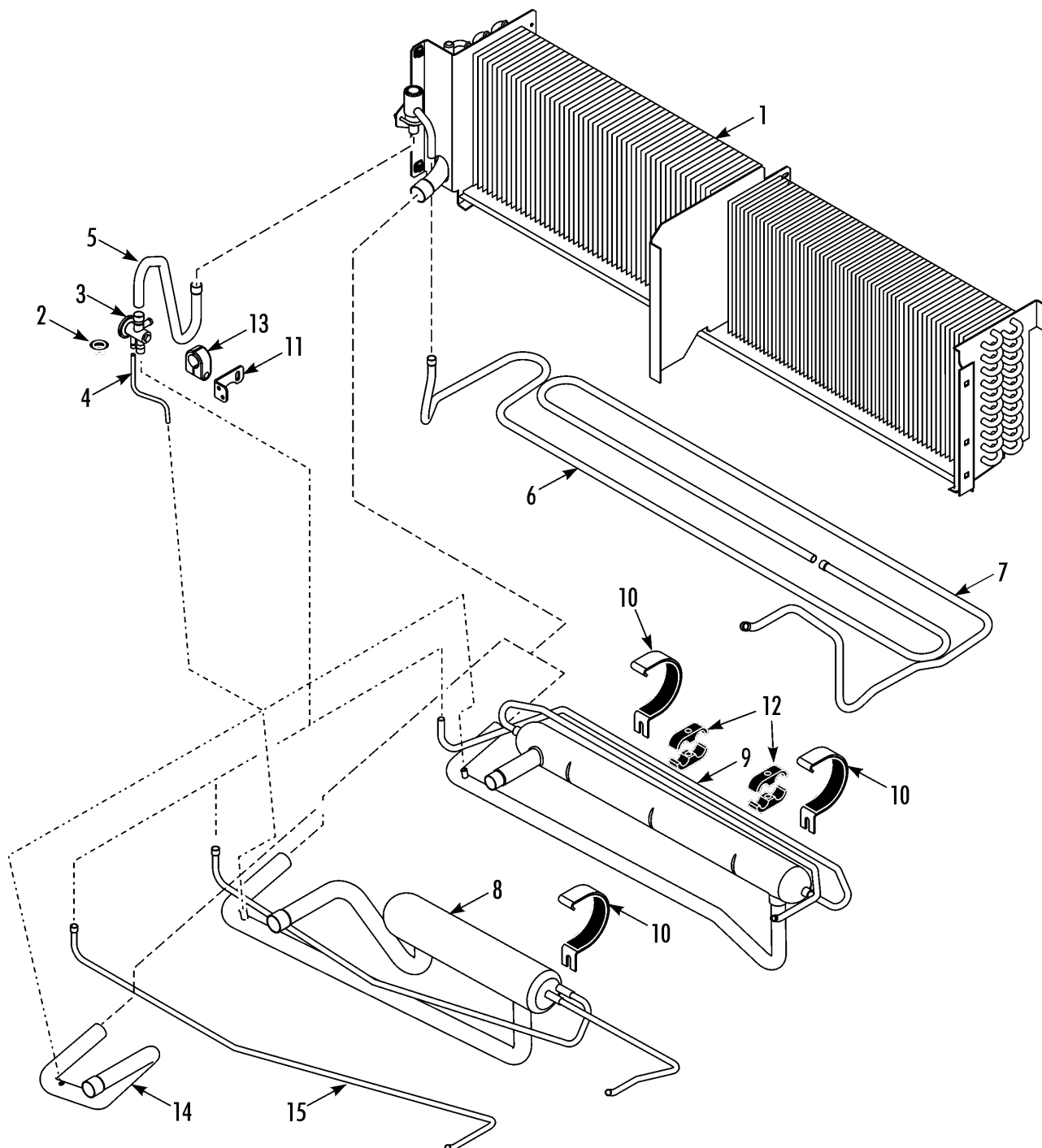
Serial Nos of the 1st T-Series with Microchannel Coils May 25, 2012 - T-600 = 5001219742, T-800 = 5001219744

NOTE: The condenser and radiator assembly have been replaced.
North America 6/15 & after and Europe 8/15 & after see 290H1.

290H1**CONDENSER/ RADIATOR (North America 6/15 & after, Europe 8/15 & after)**Revised
09/16/17

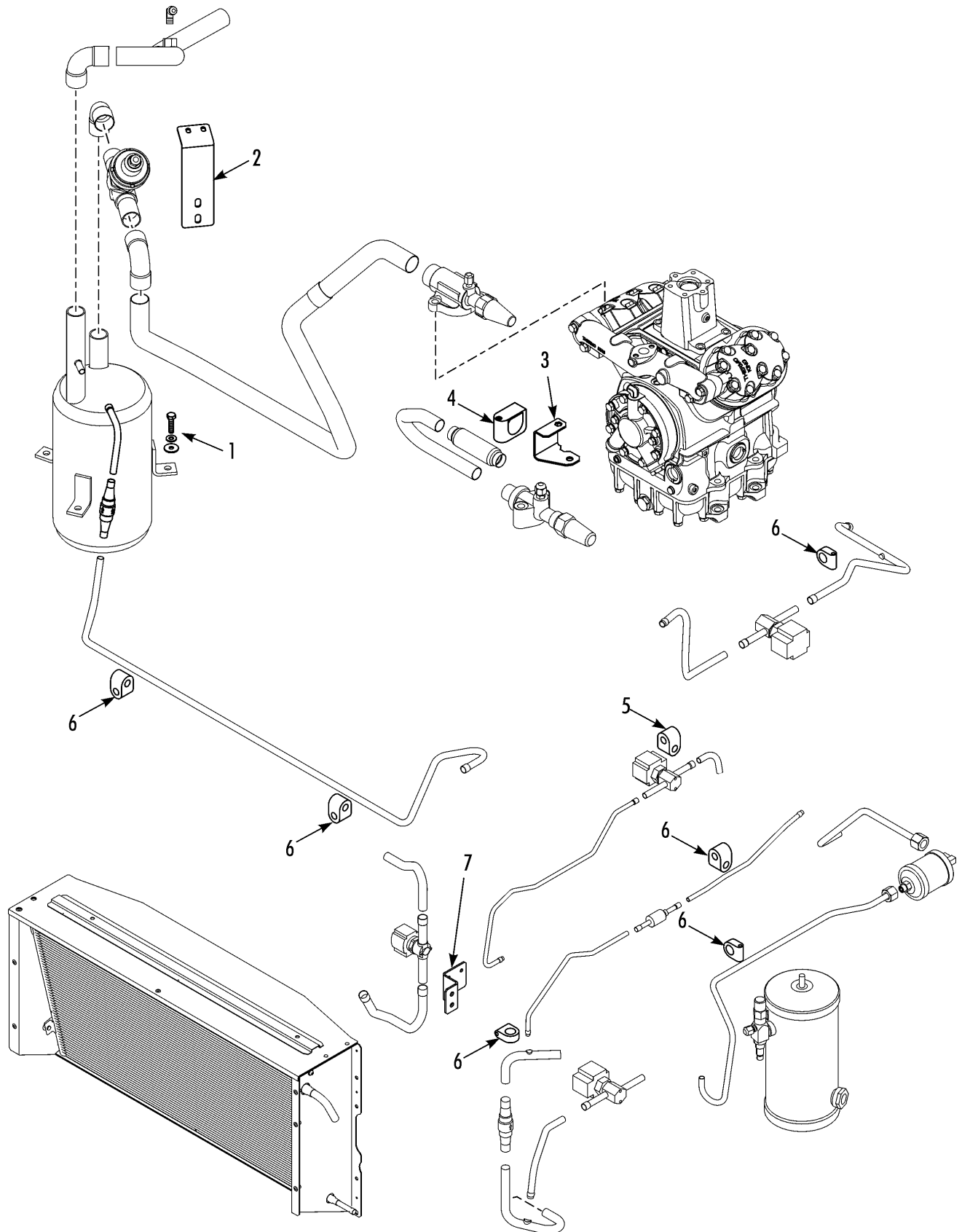
Revised
09/16/17**CONDENSER/ RADIATOR (North America 6/
15 & after, Europe 8/15 & after)****290H1**

REF	PART NO.	DESCRIPTION	QTY
	672968	COIL - condenser/ radiator (micro-channel coil)	1
1	672969	* COIL - condenser	1
2	673054	* COIL - radiator	1
3	933421	* BRACKET - coil (radiator side)	1
4	935336	* BRACKET - coil (condenser side)	1
5	513109	** BEARING - mounting	4
6	933422	** BRACKET - bearing	4
	557034	** NUT - bracket	8
	557089	** FLATWASHER	8
7	931518	* COVER - bottom	1
8	931382	* COVER - top	1
	553136	* RIVET - cover	8
	332472	* STRIP - coil (25 ft)	A/R
	556993	SCREW - coil	8
	557342	LOCKWASHER	8
	510953	WASHER - special	8

259F8**REFRIGERATION - EVAPORATOR (After 6/12)**Revised
09/16/17

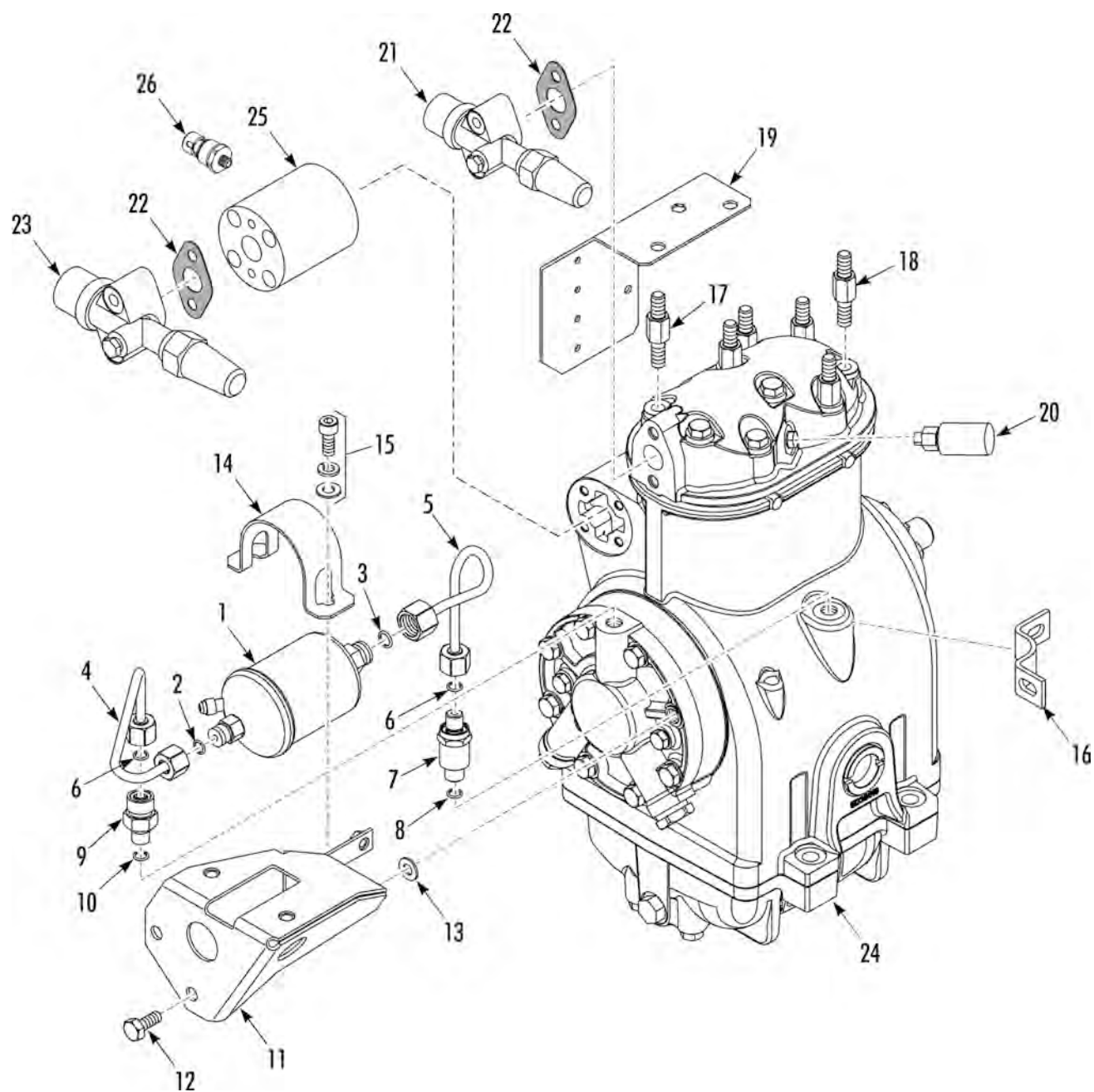
Revised
09/16/17**REFRIGERATION - EVAPORATOR (After 6/
12)****259F8**

REF	PART NO.	DESCRIPTION	QTY
1	672422	COIL - evaporator	1
2	330612	* GROMMET - heater cable	1
	929858	* STRAP - distributor	1
	559495	* RIVET - strap	2
	556997	* NUT - captive	8
	510718	SCREW - coil	4
3	614591	VALVE - expansion (T-570R/580R)	1
	614715	VALVE - expansion (T-600/800)	1
	614713	VALVE - expansion (T-600M/600R/800M/800R)	1
	614704	VALVE - expansion (T-1000/1000R/1000M)	1
	614885	VALVE - expansion (T-1200R)	1
	2030534	TAPE - insulating	A/R
4	614656	TUBE - equalizer	1
5	614712	TUBE - valve to coil	1
6	614654	TUBE - defrost (joint to evap)	1
7	616072	TUBE - defrost (bulkhead to joint)	1
8	672756	HEAT EXCHANGER (T-600/600R/600M/1000R/1000M)	1
9	672748	HEAT EXCHANGER (T-800/800M/800R/1000/1200R)	1
10	927649	STRAP - heat exchanger	2
	510718	SCREW - strap	4
11	927542	BRACKET - expansion valve	1
12	910445TKA	CLAMP - tubes	4
13	511179	CLAMP - expansion	1
	558316	SCREW - clamp	3
	557075	FLATWASHER	5
	557042	NUT	3
14	614657	TUBE - evaporator to accumulator (T-570R/580R)	1
15	616191	TUBE - condenser to expansion valve (T-570R/580R)	1

267A7**REFRIGERATION TUBES, CLAMPS & MOUNTING (2/13 & after)**Revised
09/27/17

Revised
09/27/17**REFRIGERATION TUBES, CLAMPS &
MOUNTING (2/13 & after)****267A7**

REF	PART NO.	DESCRIPTION	QTY
1	557072	SCREW - accumulator tank (M10 X 25)	3
	551173	LOCKWASHER	4
	557072	FLATWASHER	8
2	930672	BRACKET - ETV	1
	557825	NUT - bracket	2
	557085	FLATWASHER	2
	557342	LOCKWASHER	2
	512373	SCREW - ETV to bracket	2
3	927578	BRACKET - strainer (T-680/880)	1
	930671	BRACKET - strainer (T-1080)	1
4	913886	CLAMP - tube (1.0 in. dia)	1
	512203TKA	SCREW - clamp (M6 X 50)	1
	554638	FLATWASHER	1
5	556544	CLAMP - tube (0.25 dia)	2
6	556388	CLAMP - tube (0.38 dia)	6
	554605	SCREW - clamp (M6 X 40)	8
	557478	LOCKWASHER	8
	554638	FLATWASHER	8
	559084	INSERT - threaded	8
7	929926	BRACKET - valve	1
	551384	SCREW - valve	2
	555761	LOCKWASHER	2
	559084	INSERT - threaded	2

240H6**COMPRESSOR GROUP**Revised
09/16/17

Revised
09/16/17

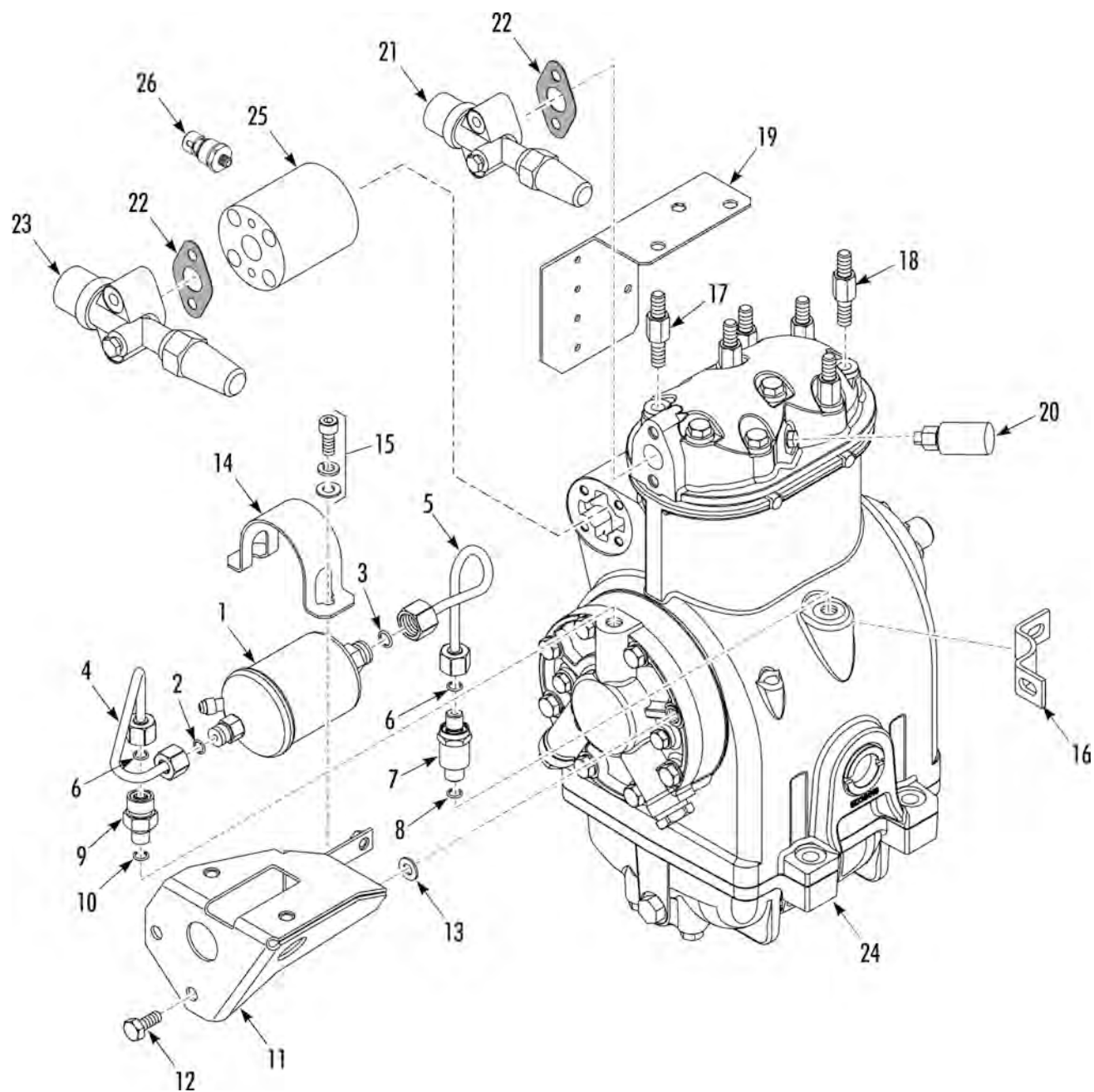
COMPRESSOR GROUP



240H6

REF	PART NO.	DESCRIPTION	QTY
	200198	KIT - compressor oil filter	1
1	667800	* FILTER - compressor oil	1
2	331461	** O-RING	1
3	331015	** O-RING	1
4	614876	* TUBE - compressor inlet	1
5	614875	* TUBE - compressor outlet	1
6	331461	* O-RING	2
7	614924	* ADAPTER - compressor inlet (o-ring seal)	1
8	331223	* O-RING	1
9	668928	* ADAPTER (o-ring seal)	1
10	331461	** O-RING	1
11	928116	* BRACKET - oil filter	1
12	510149	* SCREW - bracket	2
13	550896	* FLATWASHER	2
14	921893	* BRACKET - oil filter	1
15	558395	* SCREW - bracket	2
	557727	* LOCKWASHER	2
	557069	* FLATWASHER	2
16	511967	* CLAMP - adapter	1
	554666	* SCREW - clamp	2
	557478	* LOCKWASHER	2
	554638	* FLATWASHER	2
17	558765	STUD - cylinder head (4.1 inch long)	2
18	558764	STUD - cylinder head (3.5 inch long)	4
19	928128	BRACKET - harness (before 12/12)	1
	930676	BRACKET - harness (12/12 and after)	1
	550289	NUT	2
	550375	LOCKWASHER	2
	550402	FLATWASHER	2

Refer to Parts Bulletin PB1517 for information on the new compressor, crankshaft and drive key.

240H6**COMPRESSOR GROUP**Revised
09/16/17

Revised
09/16/17

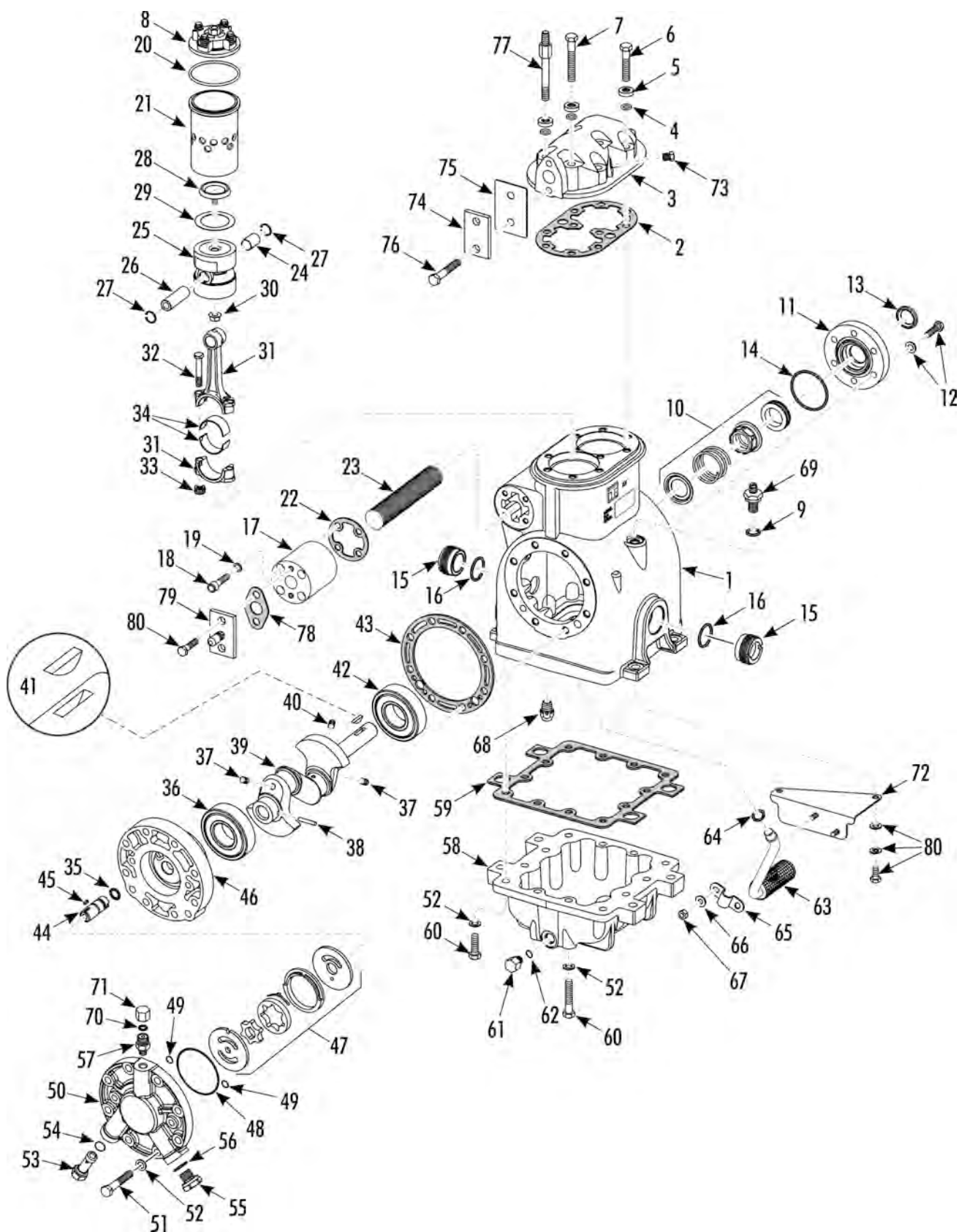
COMPRESSOR GROUP



240H6

REF	PART NO.	DESCRIPTION	QTY
20	413847	SWITCH - hpco	1
21	660129	VALVE - discharge	1
	558650	SCREW - discharge valve	2
	557411	WASHER - special	2
22	332805	GASKET - valve (service)	2
23	661916	VALVE - suction	1
	558650	SCREW - suction valve	2
	550895	FLATWASHER	2
24	NSS	COMPRESSOR - X214 (new exchange, see 185H5)	1
	8021146	COMPRESSOR - X214 (see note, new exchange, see 275C4)	1
25	668927	ADAPTER - suction (SR-2 units, before 8/11)	1
	221355	ADAPTER - suction (SR-3 units, 8/11 & after)	1
26	421313	TRANSDUCER - suction (SR-3 units, 8/11 & after)	1

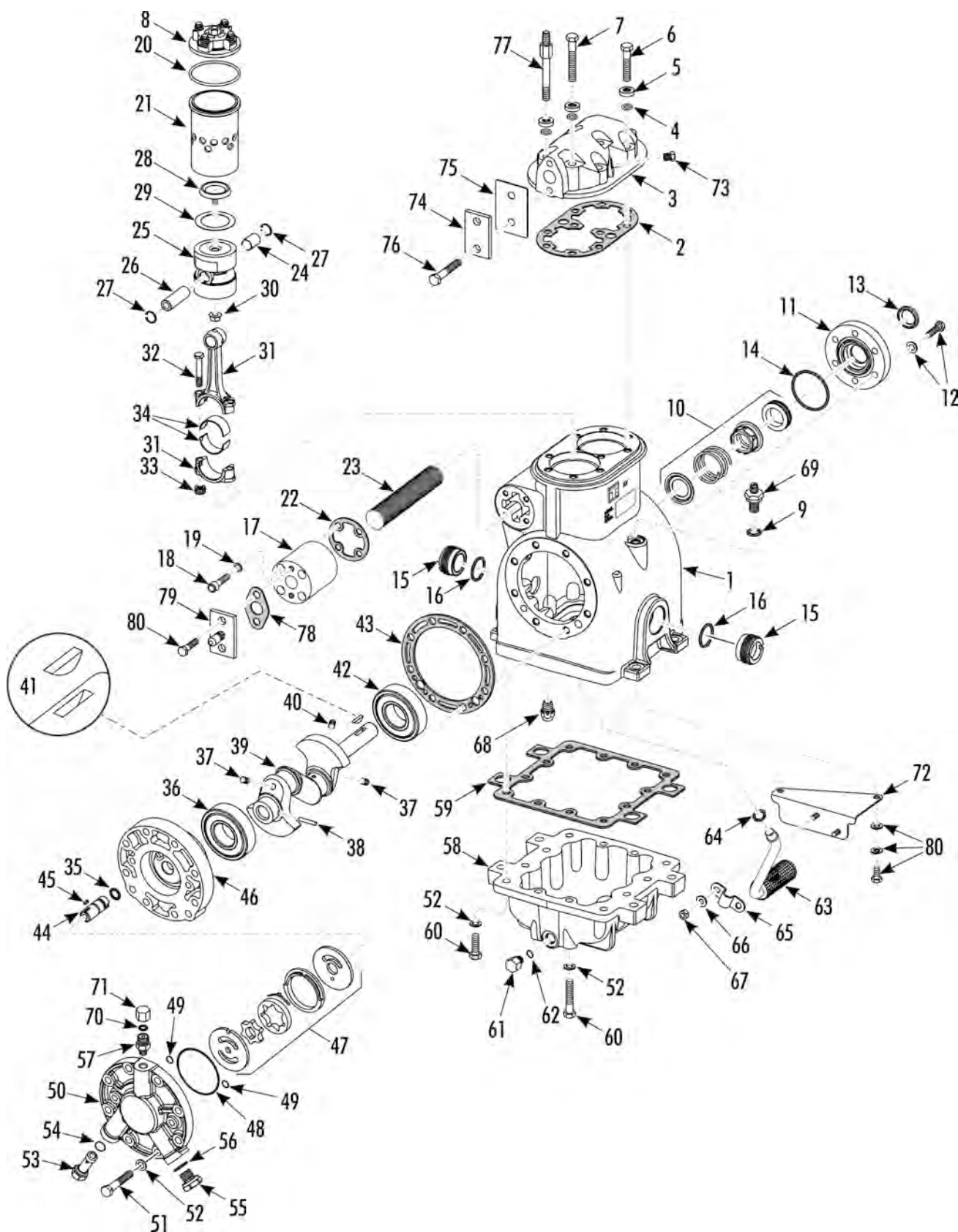
Refer to Parts Bulletin PB1517 for information on the new compressor, crankshaft and drive key.

185H5**COMPRESSOR X214 (DEEP SUMP)**Revised
09/16/17

Revised
09/16/17**COMPRESSOR X214 (DEEP SUMP)****185H5**

REF	PART NO.	DESCRIPTION	QTY
	NSS	COMPRESSOR - X214 (new exchange, see note)	1
1	NSS	* BODY - compressor	1
2	332552	* GASKET - compressor cylinder head	1
3	220788	* HEAD - cylinder	1
4	332019	* O-RING	10
5	556804	* WASHER - sealing	10
6	556805	* SCREW - cylinder head (2 lg)	6
7	556806	* SCREW - cylinder head (2-5/8 lg)	2
8	220990	* PLATE - valve	2
9	331223	* O-RING - oil fill	1
10	220899	* SEAL - crankshaft	1
11	220743	* PLATE	1
12	550172	* SCREW	6
	550895	* FLATWASHER	6
13	332044	* SEAL - oil	1
14	332043	* O-RING - seal plate	1
15	220350TKA	* SIGHT GLASS (does not include o-ring)	2
16	330822	* O-RING	2
17	668927	* ADAPTER - suction (SR-2 units, before 8/11)	1
	221355	* ADAPTER - suction (SR-3 units, 8/11 & after)	1
18	550190	* SCREW - adapter	4
19	553252	* WASHER	4
20	330408	* O-RING - valve plate	2
21	220608	* SLEEVE - cylinder	2
22	330211	* GASKET - adapter	1
23	220159	* SCREEN - suction port	1
24	110475TKA	* BUSHING - piston pin	2
25	220849	* PISTON	2
26	NSS	** PIN - piston	2

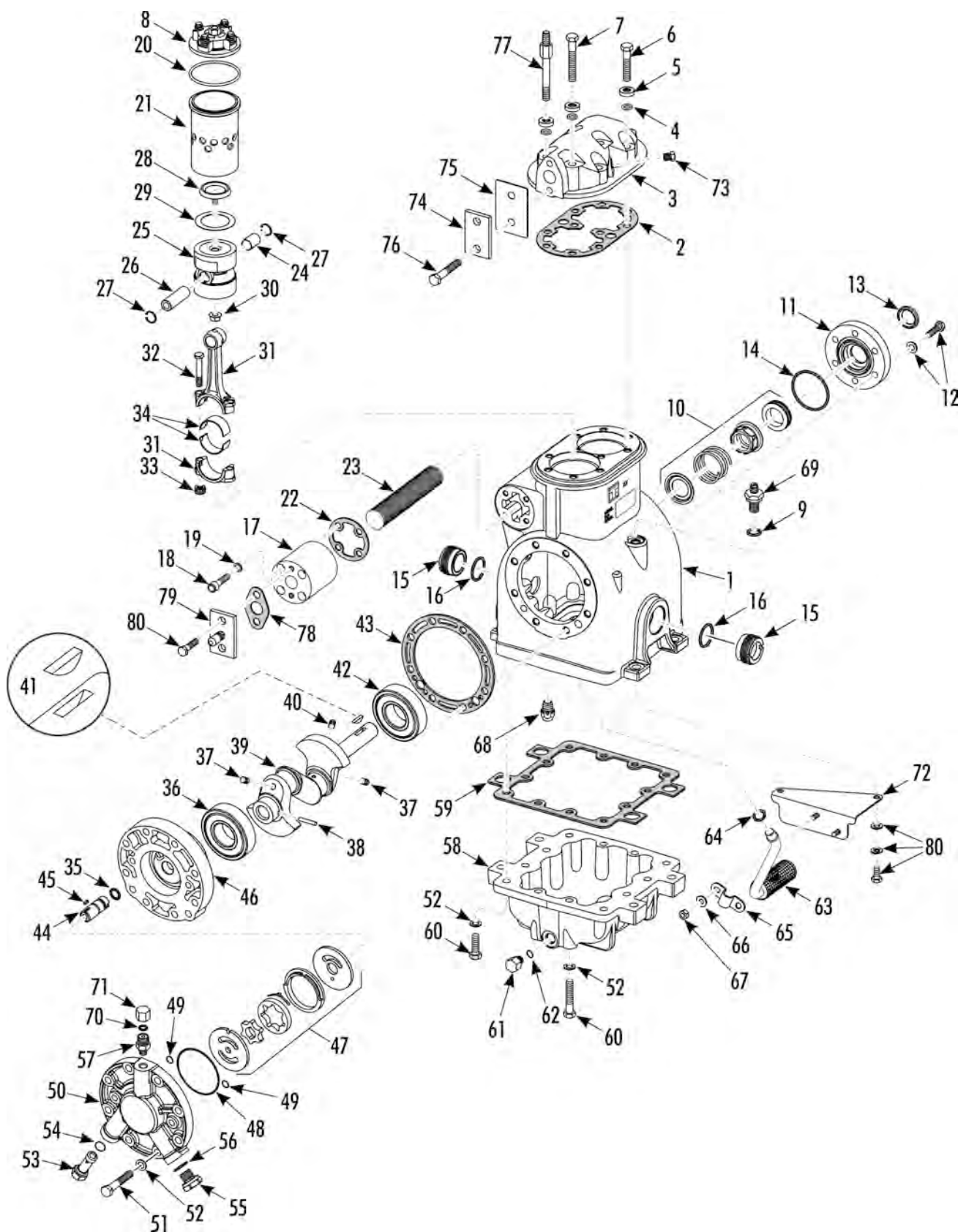
NOTE: Compressor 102-825 has been replaced see 275C4.

185H5**COMPRESSOR X214 (DEEP SUMP)**Revised
09/16/17

Revised
09/16/17**COMPRESSOR X214 (DEEP SUMP)****185H5**

REF	PART NO.	DESCRIPTION	QTY
27	552122	** RING - retaining	4
28	NSS	** HEAD - piston	2
29	NSS	** REED - piston	2
30	510115	** NUT	2
	550895	** FLATWASHER	2
31	220639	* ROD - connecting	2
32	555062	** BOLT - connecting rod	4
33	510666	** NUT - connecting rod	4
34	221246	* BEARING SET - connecting rod (standard)	2
	221264	* BEARING SET (0.005 us)	2
	221265	* BEARING SET (0.010 us)	2
	221266	* BEARING SET (0.020 us)	2
	221267	* BEARING SET (0.030 us)	2
35	331223	* O-RING - pumpshaft	1
36	220220TKA	* BEARING - crankshaft (pump end)	1
37	554720	* PLUG	2
38	557425	* PIN - dowel	1
39	200216	* CRANKSHAFT	1
40	220123	* PLUG - oil metering	1
41	550455	* KEY	1
42	772311	* BEARING - crankshaft (pulley end)	1
43	330110	* GASKET - bearing plate	1
44	221149	* SHAFT - oil pump	1
45	559760	* KEY - shaft	1
46	221254	* PLATE - pump bearing	1
47	221160TKA	* PUMP - oil	1
48	331175	* O-RING - oil pump cover	1
49	330239	* O-RING	2
50	221278	* COVER - pump	1

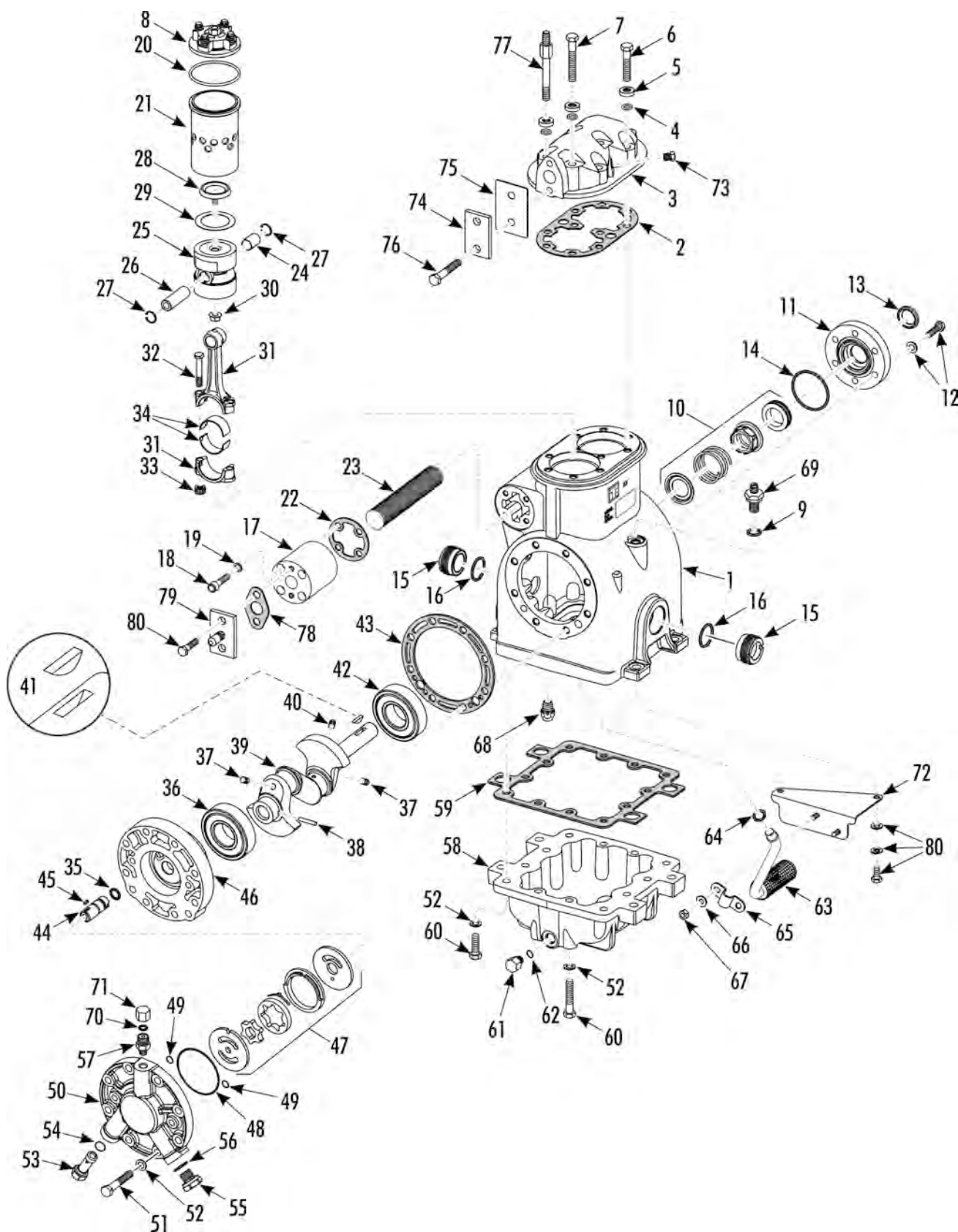
NOTE: Compressor 102-825 has been replaced see 275C4.

185H5**COMPRESSOR X214 (DEEP SUMP)**Revised
09/16/17

Revised
09/16/17**COMPRESSOR X214 (DEEP SUMP)****185H5**

REF	PART NO.	DESCRIPTION	QTY
51	550183	* SCREW - plate	8
52	550896	* FLATWASHER	20
53	220784	* REGULATOR - oil pressure	1
54	330672	* O-RING - regulator	1
55	556752	* PLUG - oil pump cover (includes o-ring)	1
	332095	** O-RING	1
56	331461	* O-RING	1
57	668928	* ADAPTER - o-ring seal	1
58	221188	* SUMP - oil	1
59	333839	* GASKET - oil sump	1
60	559106	* SCREW (1-1/8 lg)	8
	550926	* SCREW - oil sump (3-1/2 lg)	4
61	558398	* PLUG - oil drain	1
62	332747	* O-RING - plug	1
63	221189	* SCREEN - oil sump	1
64	332205	* O-RING - oil pickup	1
65	994848	* CLAMP - screen	1
66	550366	* LOCKWASHER	2
67	550291	* NUT	2
68	220653	* VALVE - check	1
69	668929	* VALVE - oil fill	1
70	331461	* O-RING - adapter	1
71	669387	* CAP - adapter	1
72	922988	* BRACKET - oil pickup	1
73	553364	* PLUG - pipe	1
74	915630	* COVER - cylinder head port	1
75	333103	* GASKET - cover	1
76	550329	* SCREW - plate	2
77	558765	* STUD - cylinder head (4.1 in lg)	2

NOTE: Compressor 102-825 has been replaced see 275C4.

185H5**COMPRESSOR X214 (DEEP SUMP)**Revised
09/16/17

Revised
09/16/17

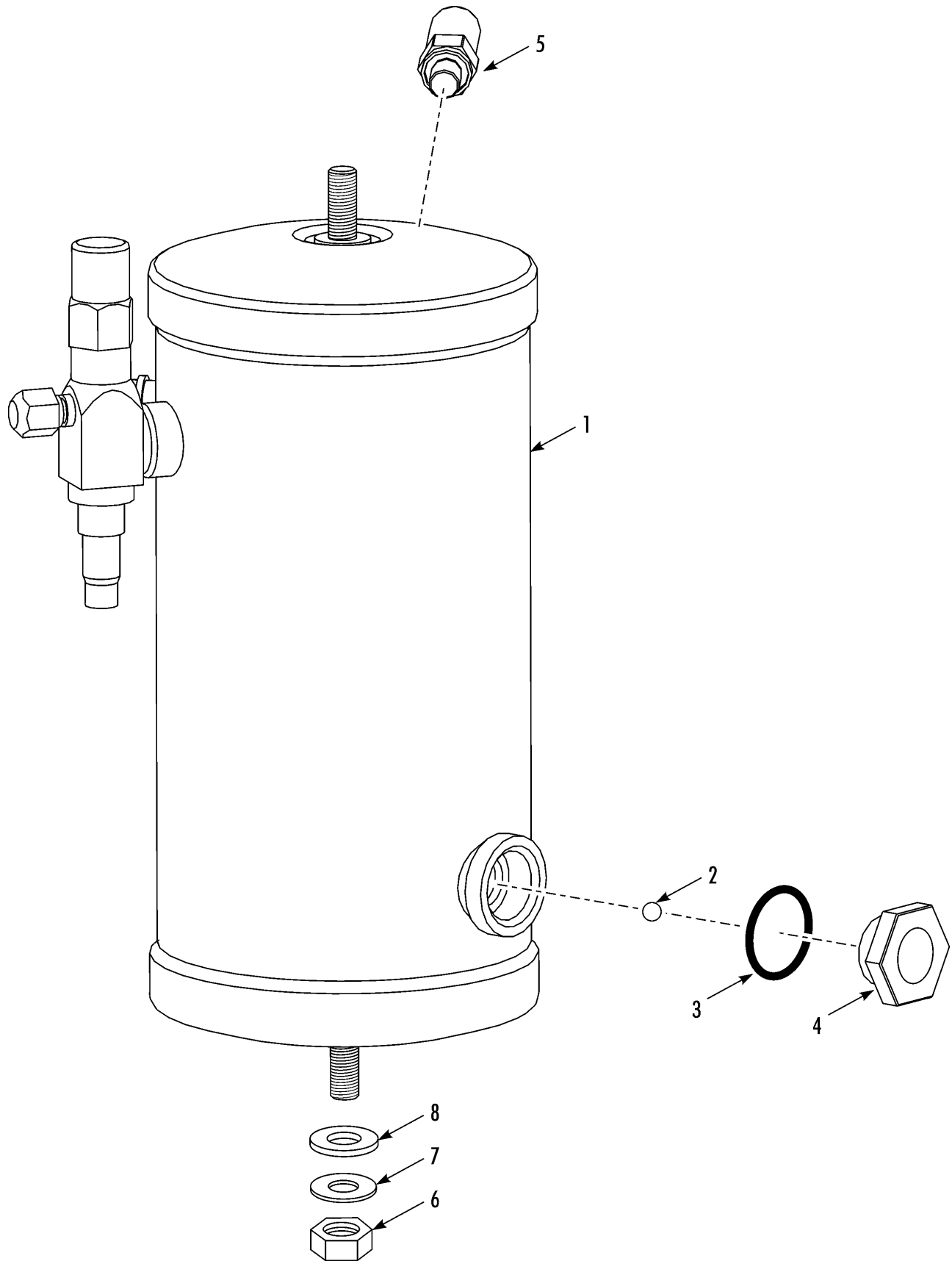
COMPRESSOR X214 (DEEP SUMP)



185H5

REF	PART NO.	DESCRIPTION	QTY
	558764	* STUD - cylinder head (3.5 in lg)	4
78	332542	* GASKET - suction cover plate	1
79	915629TKA	* PLATE - suction cover	1
	112886	* VALVE (Schrader)	1
80	550141	* SCREW - bracket	2
	550895	* FLATWASHER	2
	550790	* LOCKWASHER	2
	300247	* KIT - gasket (see note)	1
	2030513	OIL - compressor (R134a, R404A, 1L)	A/R
	2030518	KIT - acid test (polyol ester kit)	1

NOTE: Compressor 102-825 has been replaced see 275C4.

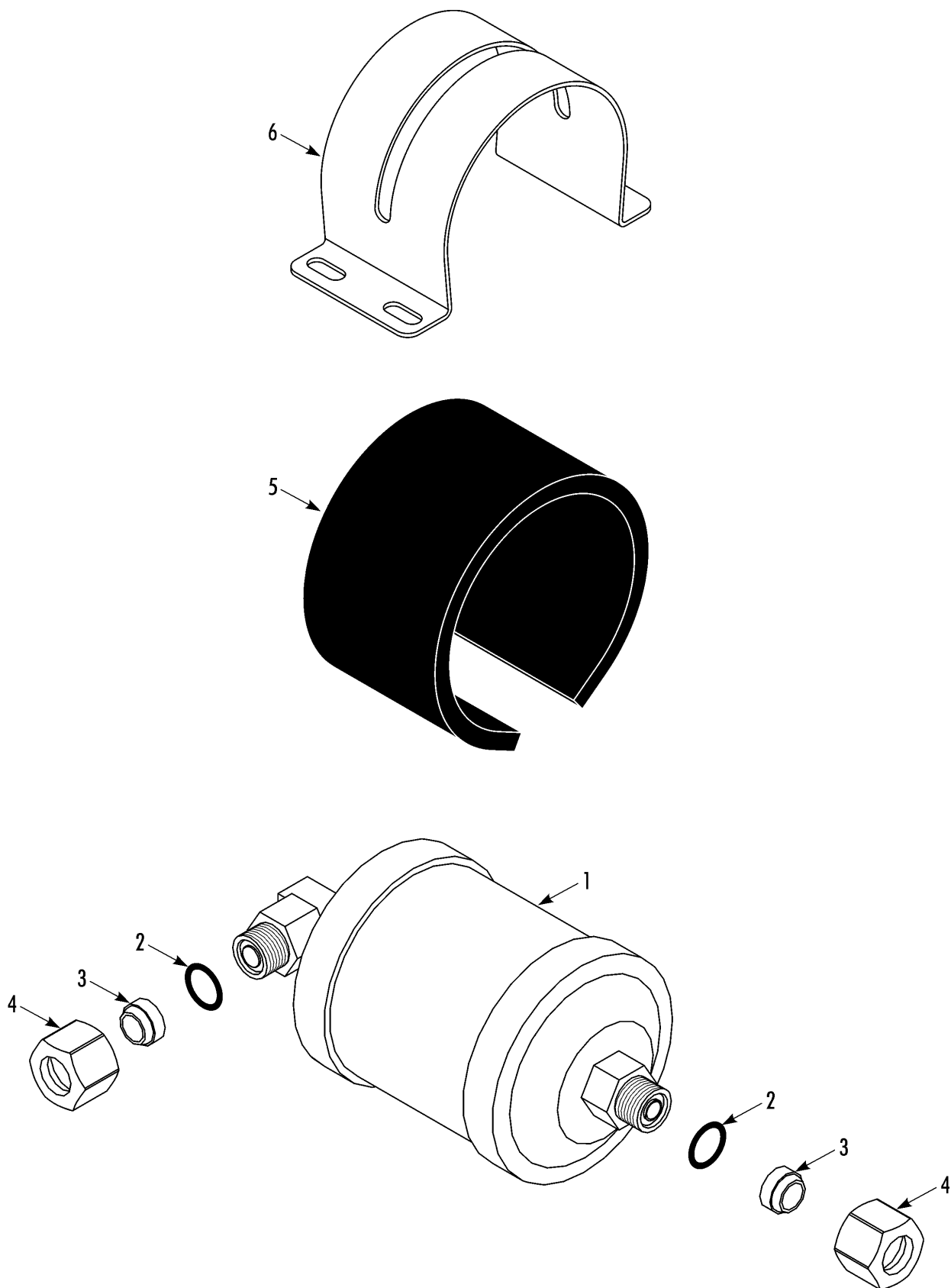
235H5**RECEIVER TANK GROUP**Revised
03/21/18

Revised
03/21/18

RECEIVER TANK GROUP

**235H5**

REF	PART NO.	DESCRIPTION	QTY
1	672405	TANK - receiver (100 mm dia)	1
	672706	TANK - receiver (127 mm dia, use w/ mc (micro channel coil, TSA)	1
	672707	TANK - receiver (127 mm dia, use w/ mc coil, EMEIA)	1
	672708	TANK - receiver (152 mm dia, use w/ mc coil, TSA SPECTRUM)	1
	672709	TANK - receiver (152 mm dia, use w/ mc coil, EMEIA SPECTRUM)	1
2	669257	* BALL - sight glass	1
3	332419	* O-RING	1
4	669918	* INDICATOR - liquid	1
5	667392	* VALVE - relief	1
6	557348	NUT - receiver tank	2
7	557347	LOCKWASHER	2
8	558536	FLATWASHER	2

235H6**DEHYDRATOR GROUP**Revised
09/25/17

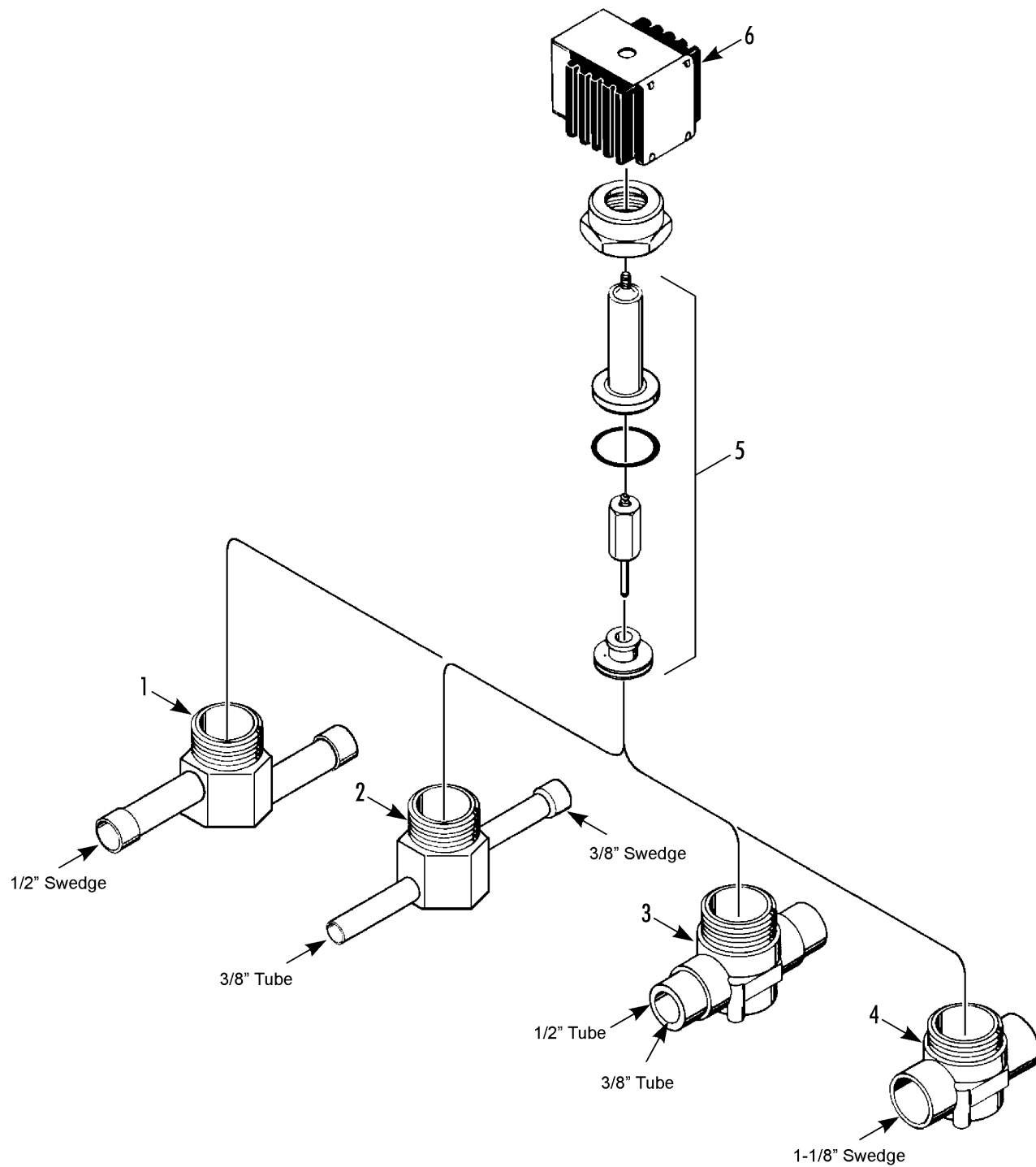
Revised
09/25/17

DEHYDRATOR GROUP



235H6

REF	PART NO.	DESCRIPTION	QTY
1	610800	DEHYDRATOR (inc o-rings)	1
2	331015	* O-RING (#6)	2
3	558268	SHOULDER	2
4	558267	NUT - shoulder	2
5	334984	PAD - dehydrator	1
6	927545	CLAMP - dehydrator	1
	557035	SCREW - clamp	2
	557075	FLATWASHER	2
	557170	LOCKWASHER	2
	559084	INSERT - threaded	2

116G10**SOLENOID VALVE - NORMALLY CLOSED**Revised
09/21/17

Revised
09/21/17

SOLENOID VALVE - NORMALLY CLOSED



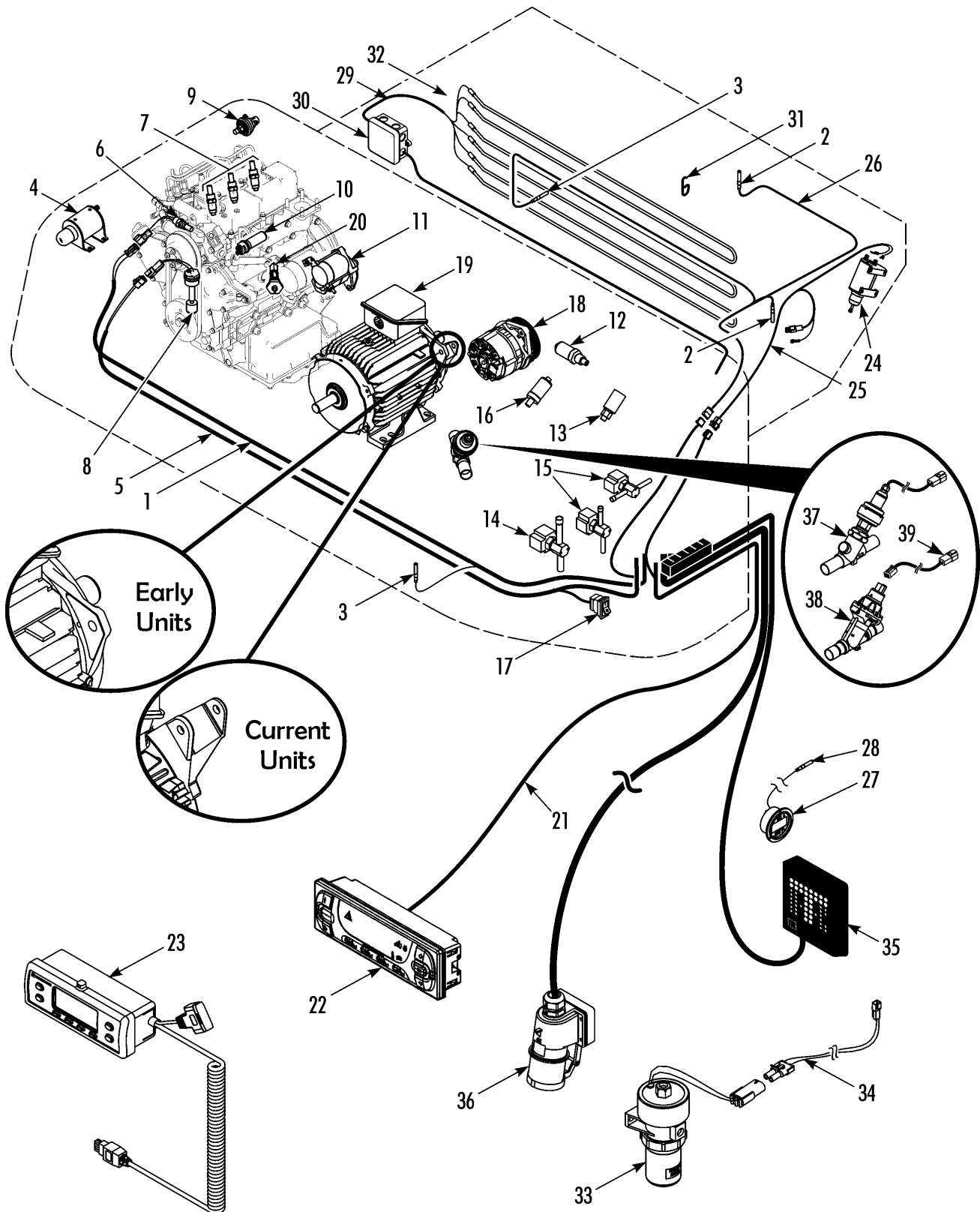
116G10

REF	PART NO.	DESCRIPTION	QTY
1	666102	VALVE - solenoid	1
2	666384	VALVE - solenoid	1
3	665305	VALVE - solenoid	1
4	662859	VALVE - solenoid	1
5	600181TKA	* KIT - repair	1
6	413681	* COIL	1
	553029	SCREW - valve	2
	552201	FLATWASHER	2
	552202	LOCKWASHER	2

267A3



ELECTRICAL COMPONENTS

Revised
03/15/18

Revised
03/15/18

ELECTRICAL COMPONENTS



267A3

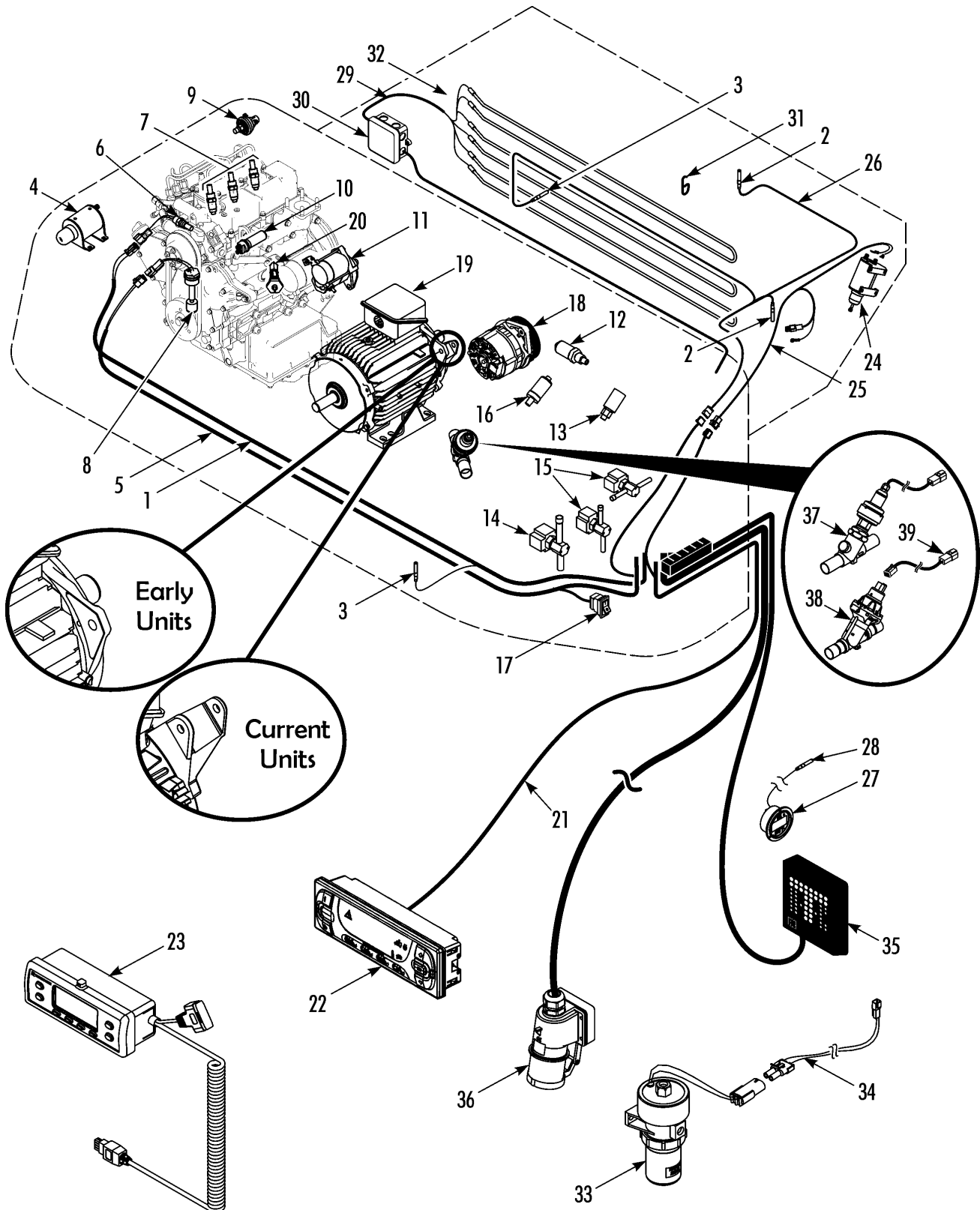
REF	PART NO.	DESCRIPTION	QTY
1	418698	HARNESS - sensor (see 236D1)	1
2	400974	KIT - sensor	2
3	400975	KIT - sensor	2
4	419081	SOLENOID - throttle (see 235A4)	1
5	420155	HARNESS - main (SR-3, see 235F3)	1
6	416538	SENSOR - temperature (engine coolant)	1
7	420916	GLOW PLUG (see 267B2)	3
8	414470	SWITCH - oil level	1
9	417064	SENSOR - oil pressure	1
10	449298	SENSOR - rpm	1
11	451718	STARTER	1
	452326	STARTER (standard life plus)	1
12	413847	SWITCH - hpco	1
13	421313	TRANSDUCER - suction	1
14	616618	VALVE - condenser inlet (recip compressor, see note)	1
	616750	* COIL	1
	612950	VALVE - condenser inlet (scroll compressor)	1
15	666384	VALVE - hot gas & purge (see 116G10)	2
16	421312	TRANSDUCER - discharge	1
17	418737	SWITCH - on/off (rocker, see 250F4 for harness)	1
18	452589	ALTERNATOR (original equipment, 37A, w/o fan)	1
	452777	ALTERNATOR (standard life plus, 37A, w/o fan)	1
	8452681	ALTERNATOR (37A, w/o fan, reman)	1
	418851	* REGULATOR & BRUSH	1
	422341	FAN - alternator (bi-directional)	1
19	1040784	MOTOR (before 5/13, 7.2 hp)	1
	1040801	MOTOR (5/13 & after, 7.2 hp)	1
	1040786	MOTOR (before 5/13, 12 hp)	1
	1040791	MOTOR (5/13 & after, 12 hp)	1

See bulletin SPAB 375 for more information on condenser inlet solenoid.

267A3



ELECTRICAL COMPONENTS

Revised
03/15/18

Revised
03/15/18

ELECTRICAL COMPONENTS



267A3

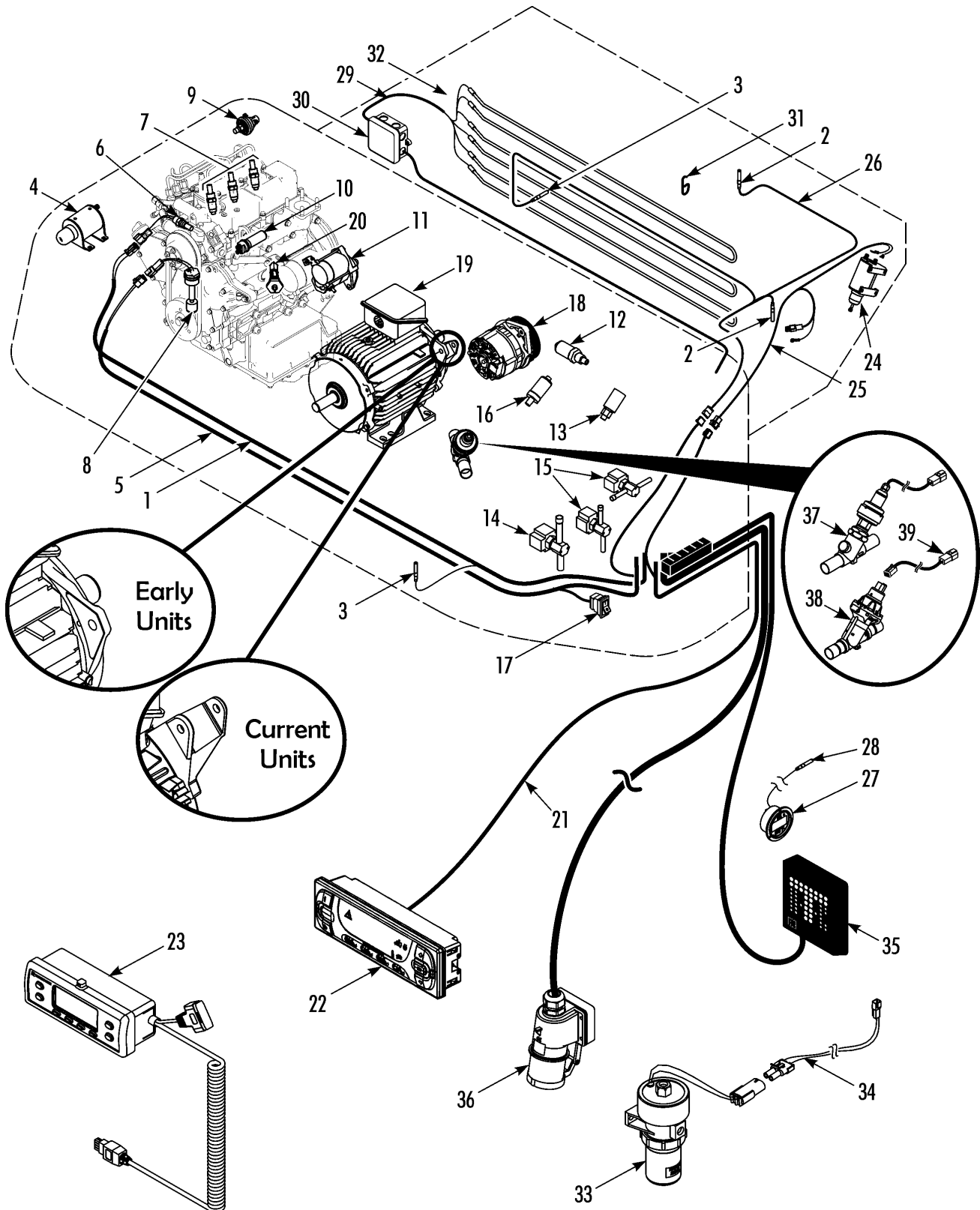
REF	PART NO.	DESCRIPTION	QTY
20	422347	SENSOR - coolant level	1
	333007	O-RING - switch	1
21	420644	HARNESS - HMI controller (12M, see 238B7)	1
	420644	HARNESS - HMI controller (12M, standard, see 238B7)	1
	415813	HARNESS - HMI controller (10M, premium, see 238B7)	1
	420645	HARNESS - HMI controller (12M, premium, see 238B7)	1
22	452376	HMI - controller (standard, see 238B7)	1
	452385	HMI - controller (premium, see 238B7)	1
23	2041916	TOOL - controller diagnostic	1
	421318	* HARNESS - diagnostic controller	1
24	442823	SOLENOID - damper (see 242G5)	1
25	418695	HARNESS - evaporator (see 235F3)	1
26	418696	HARNESS - sensor (evaporator, see 236D1)	1
27	412590	THERMOMETER - digital LED (F, optional, TSA)	1
	412591	THERMOMETER - digital LED (C, optional, TSA)	1
28	410418	SENSOR - thermostat (optional, TSA)	1
29	418871	CABLE - heater	1
30	447354	BOX - junction	1
31	910240	RETAINER - heater	12
32	451374	HEATER	3
33	417059	PUMP - fuel (12V)	1
34	413664	HARNESS - fuel pump (190.0 in)	1
	420643	HARNESS - fuel pump (266.0 in)	1
35	400980	DISPLAY - remote light (optional, see 226E6)	1
36	NSS	RECEPTACLE - power inlet (TSA, see 236D3)	1
37	614525	VALVE - throttling, electric (see PB1601 for more information)	1
	401029	* KIT - valve repair	1
38	600669	KIT - valve & harness (see PB1601 for more information)	1
	617724	* VALVE - throttling (electronic)	1

See bulletin SPAB 375 for more information on condenser inlet solenoid.

267A3



ELECTRICAL COMPONENTS

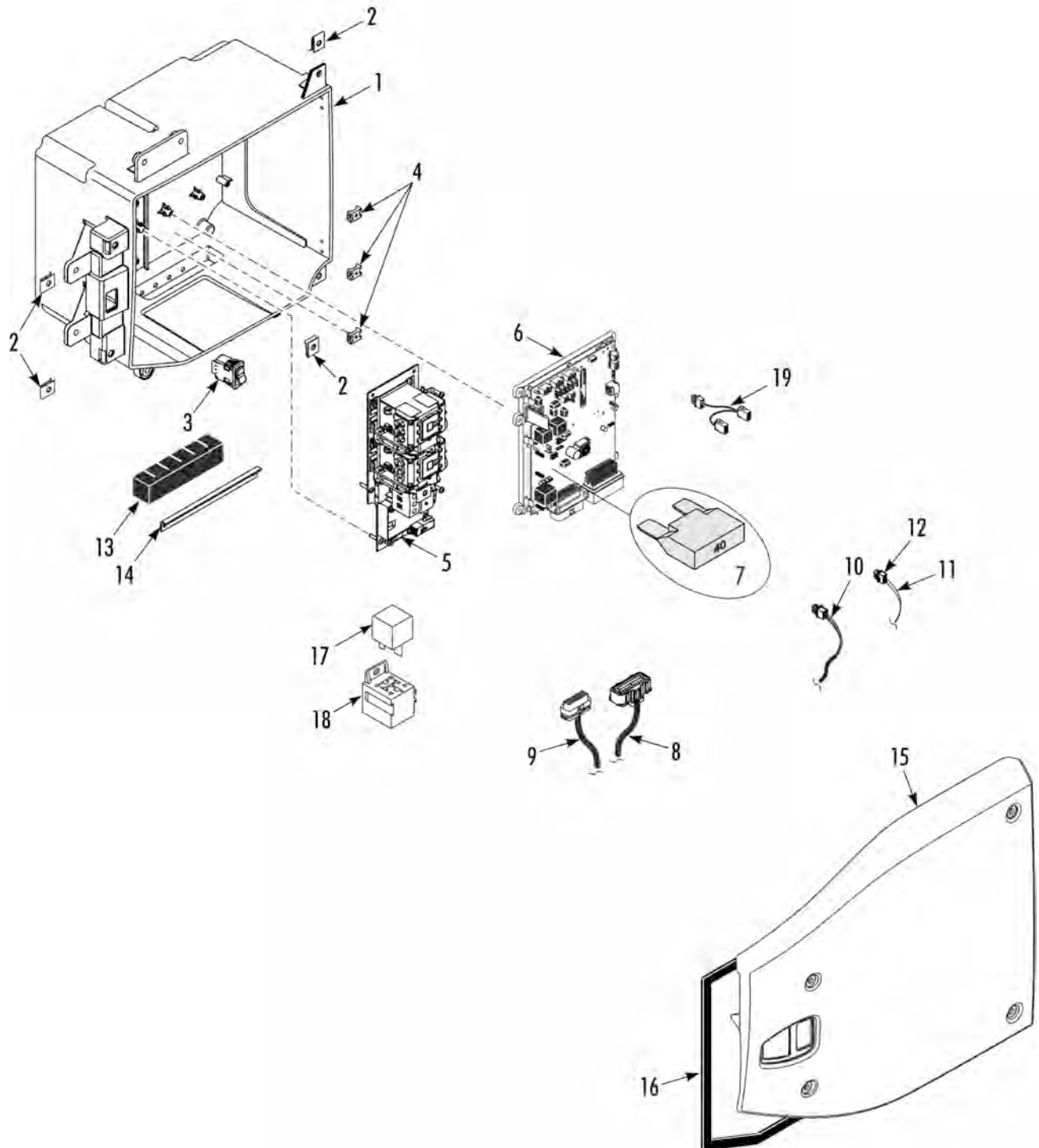
Revised
03/15/18

Revised
03/15/18

ELECTRICAL COMPONENTS**267A3**

REF	PART NO.	DESCRIPTION	QTY
39	422524	* HARNESS - jumper	1
	401313	KIT - valve repair	1

See bulletin SPAB 375 for more information on condenser inlet solenoid.

267A4**CONTROL BOX**Revised
09/16/17

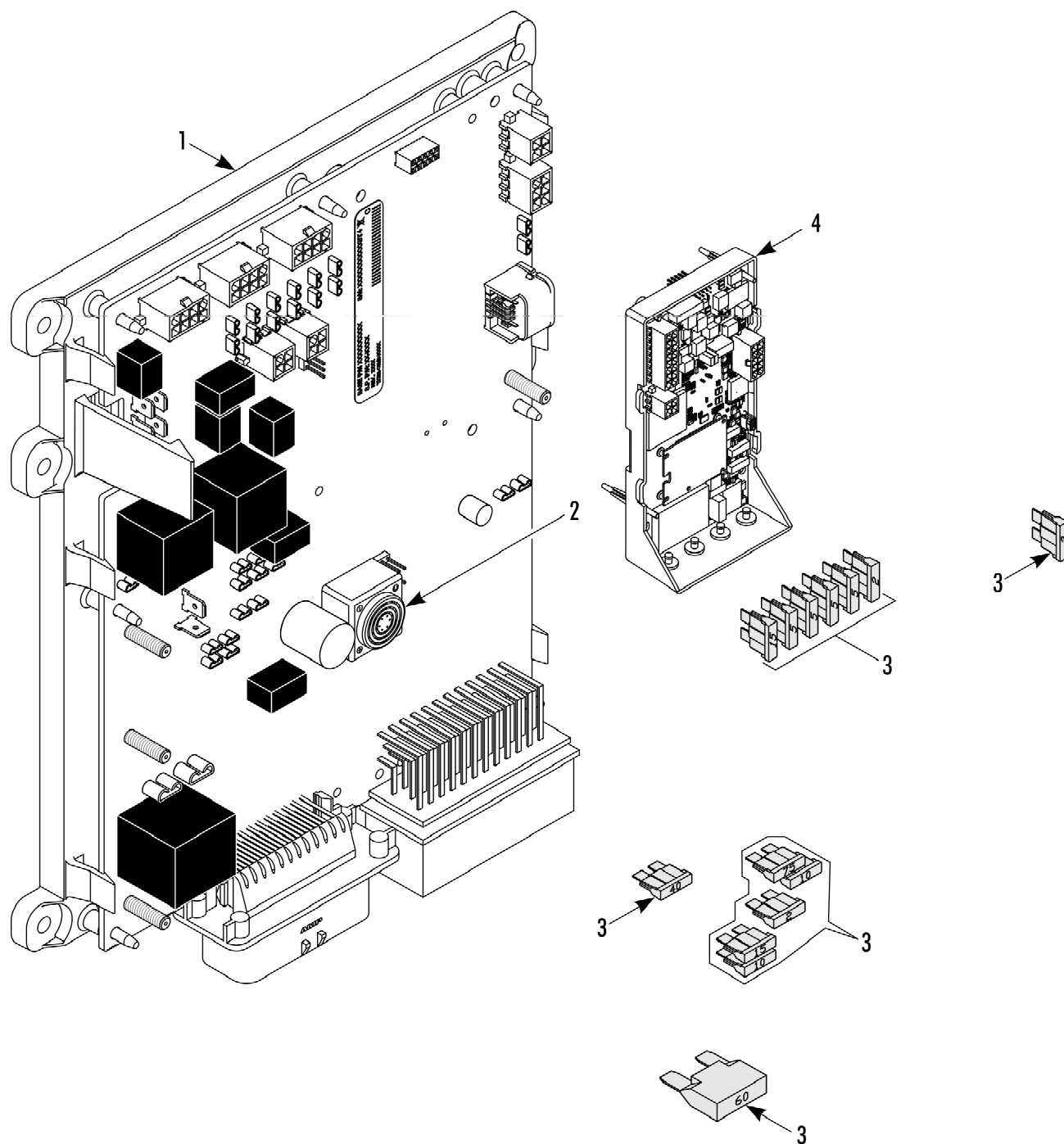
Revised
09/16/17

CONTROL BOX

**267A4**

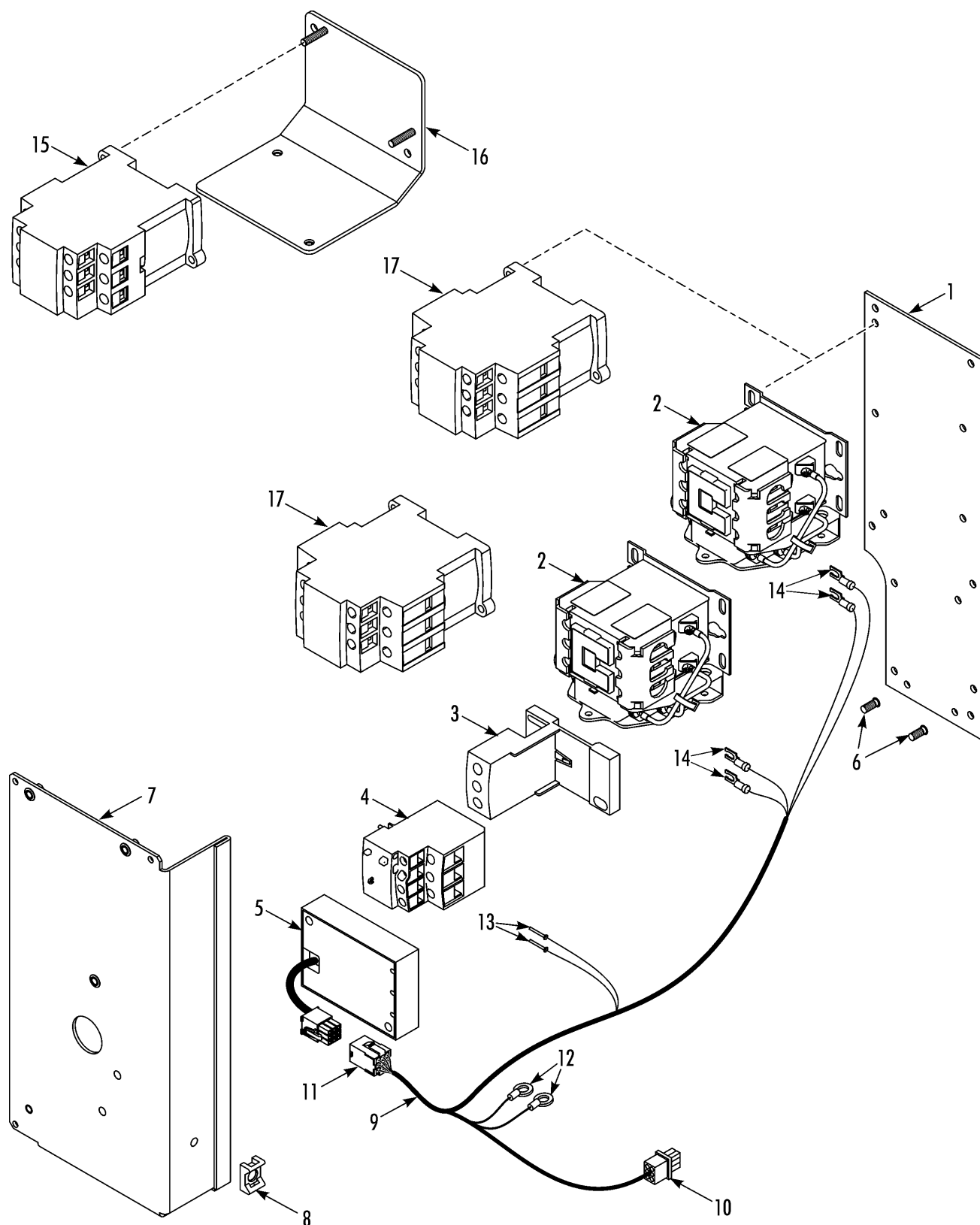
REF	PART NO.	DESCRIPTION	QTY
1	988222	BOX - control	1
2	554318	NUT - u	4
3	418737	SWITCH - on/off (rocker)	1
4	993281	MOUNT - cable tie	5
	511851TKA	SCREW - mount	5
	552331	BANDWRAP (4.0 dia)	A/R
	552330	BANDWRAP (1.75 dia)	A/R
	552332	BANDWRAP (0.75 dia)	A/R
5	NSS	TRAY - high voltage (see 235F2)	1
	511851TKA	SCREW - tray	6
6	8452721	BOARD & CONTROLLER (SR-3)	1
7	415786	FUSE (40A)	1
8	420155	HARNESS - main	1
9	418698	HARNESS - sensor (see 236D1)	1
10	420156	HARNESS - communications	1
11	420644	HARNESS - HMI controller (12M, see 238B7)	1
	415813	HARNESS - HMI controller (preimum, see 238B7)	1
12	418870TKA	* PLUG - 8-pin (J14 & HMI)	2
	415719	* SOCKET - gold (20 ga)	16
	416256	* SEAL - wire	16
	333908	* GASKET - plug	2
13	334503	FOAM - wire harness	1
14	927579	BRACKET - harness retaining	1
	511851TKA	SCREW - bracket	2
15	988024	DOOR - control box (see Doors & Cover grid)	1
16	334504	GASKET - door	1
17	419313TKA	RELAY - engine	1
18	415800	SOCKET - relay	1
	559966	SCREW - socket	1
19	418187	HARNESS - extension (CAN)	1

250B2
CONTROLLER INTERFACE ASSEMBLY SR-3

 Revised
09/16/17


Revised
09/16/17**CONTROLLER INTERFACE ASSEMBLY SR-****3****250B2**

REF	PART NO.	DESCRIPTION	QTY
1	8452721	BOARD & CONTROLLER (SR-3)	1
2	418291	* BUZZER - warning	1
3	412543	* FUSE (2A)	3
	411292	* FUSE (5A)	4
	449359	* FUSE (7.5A)	1
	449758	* FUSE (10A)	2
	449344	* FUSE (15A, 32Vdc)	3
	410226	* FUSE (40A)	1
	413666	* FUSE (60A)	1
4	452538	RADIO EXPANSION BOARD - iBox	1
	421754	RADIO EXPANSION BOARD - 3G O2	1
	421755	RADIO EXPANSION BOARD - 3G T-Mobil	1
	421756	RADIO EXPANSION BOARD - 3G T-Mobil WiFi	1
	421757	RADIO EXPANSION BOARD - 3G O2 WiFi	1

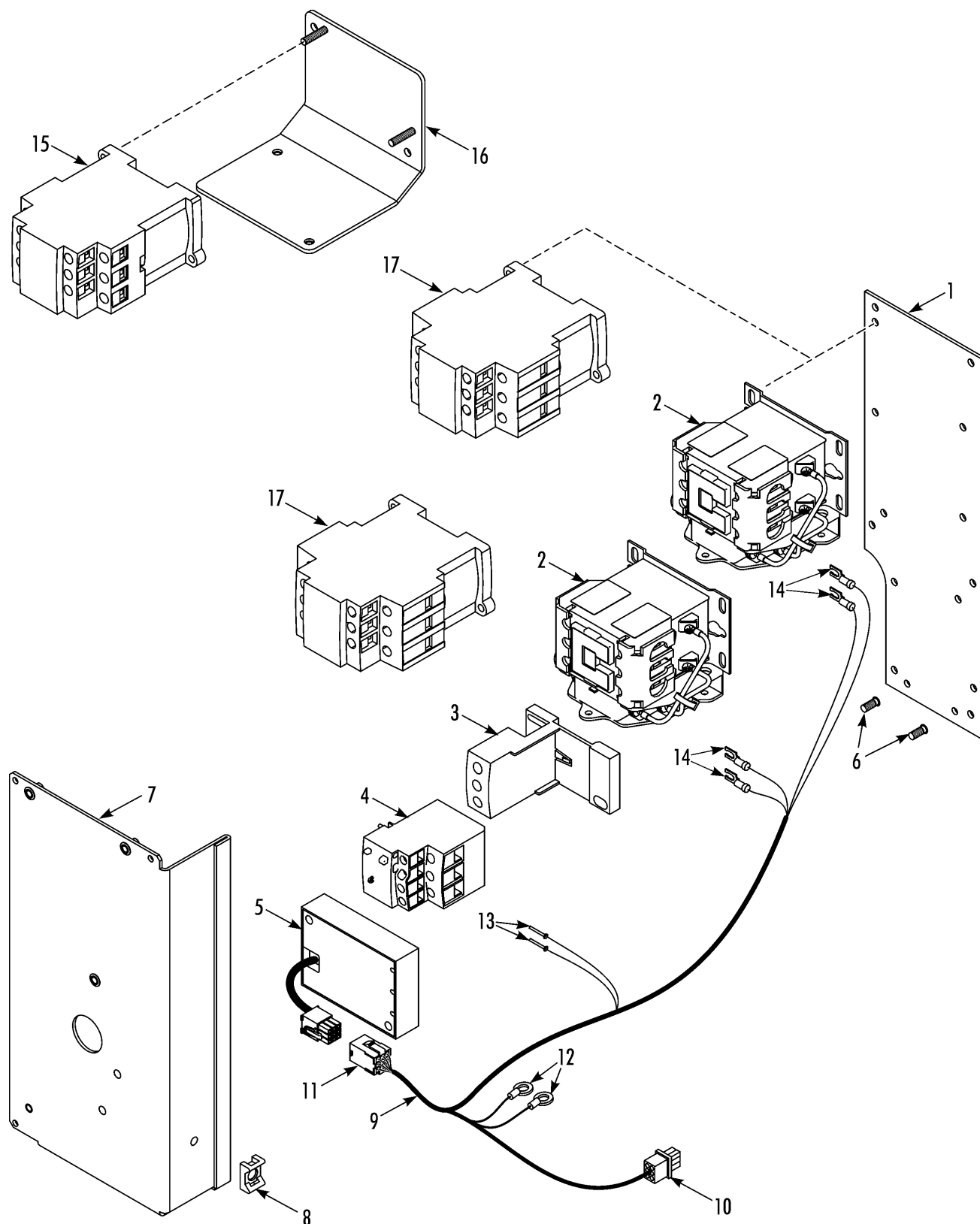
235F2**HIGH VOLTAGE TRAY**Revised
09/25/17

Revised
09/25/17

HIGH VOLTAGE TRAY

**235F2**

REF	PART NO.	DESCRIPTION	QTY
1	927580	TRAY - high voltage	1
2	417934	CONTACTOR & TIMER	2
3	416096	ADAPTER - overload relay	1
4	416409	RELAY - overload (230/3/50-60, T-600/600R/600M/800/800R/800M)	1
	416410	RELAY - overload (400-460/3/50-60, T-580R/600/600M/600R/800/800R)	1
	416094	RELAY - overload (230/3/50-60, T-1000/T1200R)	1
	416315TKA	RELAY - overload (460/3/50-60, T-1000/1000 M/T1200R)	1
5	420792	SELECTOR - phase	1
	557862	SCREW - components (10mm)	5
	557664	SCREW - components (16mm)	1
	557700	SCREW - components (30mm)	2
	557369	LOCKWASHER	8
	557697	FLATWASHER	7
	559810	NUT - components	8
6	511879	STUD - ground	2
	510717	NUT	2
7	927630	BRACKET - shield	1
	512131	SCREW - bracket	6
8	996093	MOUNT - cable tie	3
	511602TKA	RIVET - mount	3
9	418738	HARNESS - 50 units	1
10	415745	* PLUG - 6-pin (phase selector)	1
	334015	* GASKET - plug	1
	415719	* SOCKET - gold (18 ga)	5
	416256	* SEAL - wire	5
11	417510	* RECEPTACLE - 9-pin	1
	418739	* PIN - gold (18 ga)	6
12	447245	* TERMINAL - ring (red)	1
	418868	* TERMINAL - ring (blue)	1

235F2**HIGH VOLTAGE TRAY**Revised
09/25/17

Revised
09/25/17

HIGH VOLTAGE TRAY



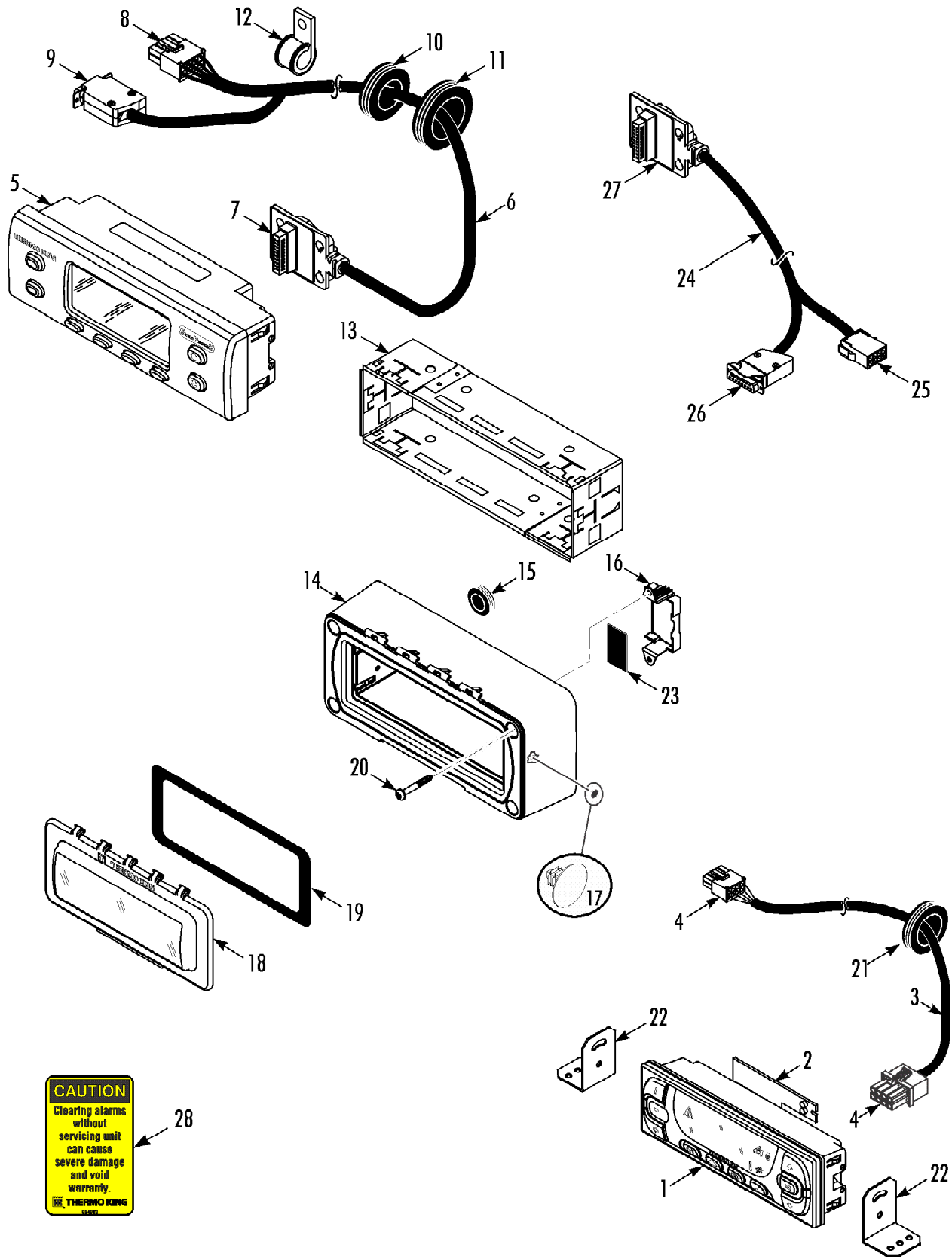
235F2

REF	PART NO.	DESCRIPTION	QTY
13	449888	* TERMINAL - pin	2
14	410280	* TERMINAL - fork (red)	2
	418869	* TERMINAL - fork (blue)	2
15	415629	CONTACTOR - heater (optional)	1
	559763	NUT - contactor	2
16	927555	BRACKET - heater relay	1
	557862	SCREW - bracket	2
	557369	LOCKWASHER	2
	557697	FLATWASHER	2
17	419391	CONTACTOR (400/3/50)	2

238B7



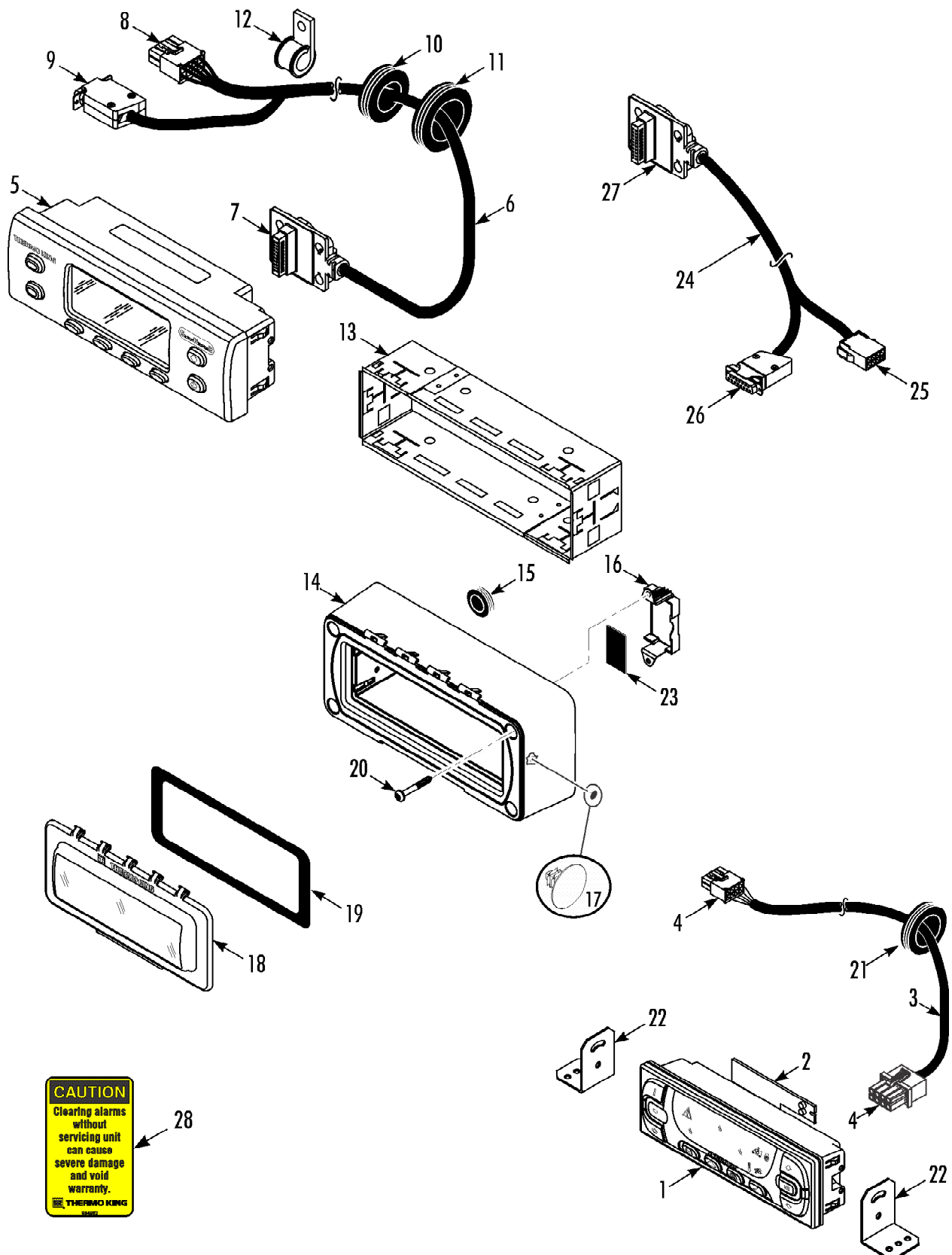
CAB HMI CONTROLLER & HARNESS

Revised
02/06/18

Revised
02/06/18**CAB HMI CONTROLLER & HARNESS****238B7**

REF	PART NO.	DESCRIPTION	QTY
1	452376	CONTROLLER - cab (standard, HMI)	1
2	928984	* COVER - harness	1
3	420644	HARNESS - HMI controller (12M)	1
	NSS	HARNESS - HMI controller (10M)	1
4	418870TKA	* CONNECTOR - interface board (8-pin)	2
	333908	* GASKET - connector	2
5	452385	CONTROLLER - cab (premium, HMI)	1
6	415813	HARNESS - HMI controller (10 M, premium)	1
	420645	HARNESS - HMI controller (12 M, premium)	1
7	414858	* CONNECTOR - display (20-pin)	1
	414859	* SOCKET	6
8	414734TKA	* CONNECTOR - interface board (8-pin)	1
9	412411	* CONNECTOR - flash loading (D-sub)	1
	411217	* COVER - connector	1
10	333927	* GROMMET (0.75 in)	1
11	332110	* GROMMET (1.0 in)	1
12	553484	CLAMP - harness (.312 dia)	5
	556147	CLAMP - harness (.937 dia)	1
	555640	SCREW - clamp	6
	552001	FLATWASHER	6
13	925199	BRACKET - din	1
14	928104	ENCLUSURE - HMI (includes 16, 17, 18, 19 & 20)	1
	931391	* PIN - cover	1
15	330282	GROMMET	1
16	928106	COVER - rear	1
17	511966	CLIP - HMI controller	4
18	928105	COVER - box	1
	559905	SCREW - cover	2
19	334541	GASKET - cover	1

NOTE: For more information on the Harness, premium adapter see SB1070 and/ or PB536.

238B7**CAB HMI CONTROLLER & HARNESS**Revised
02/06/18

Revised
02/06/18

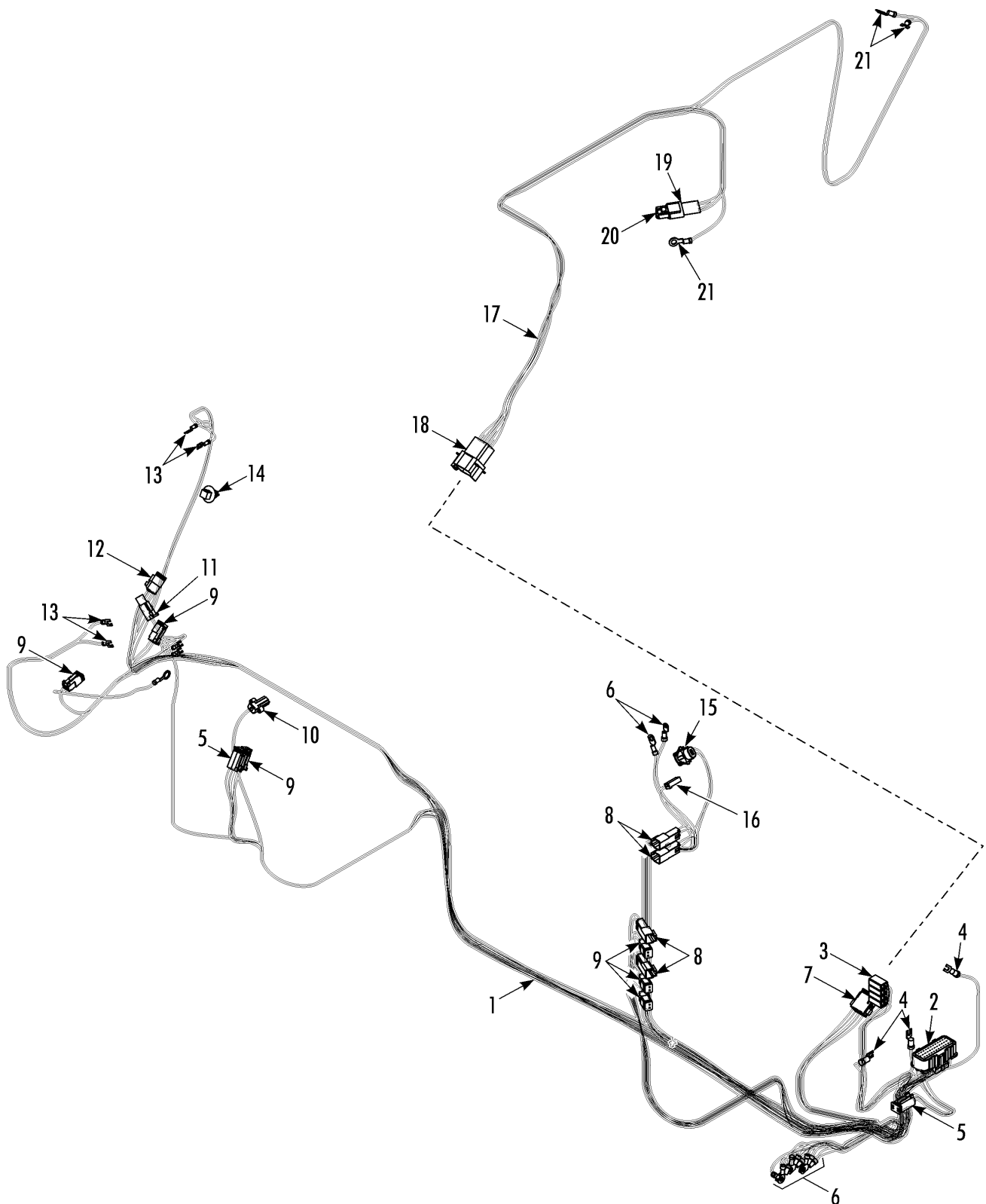
CAB HMI CONTROLLER & HARNESS



238B7

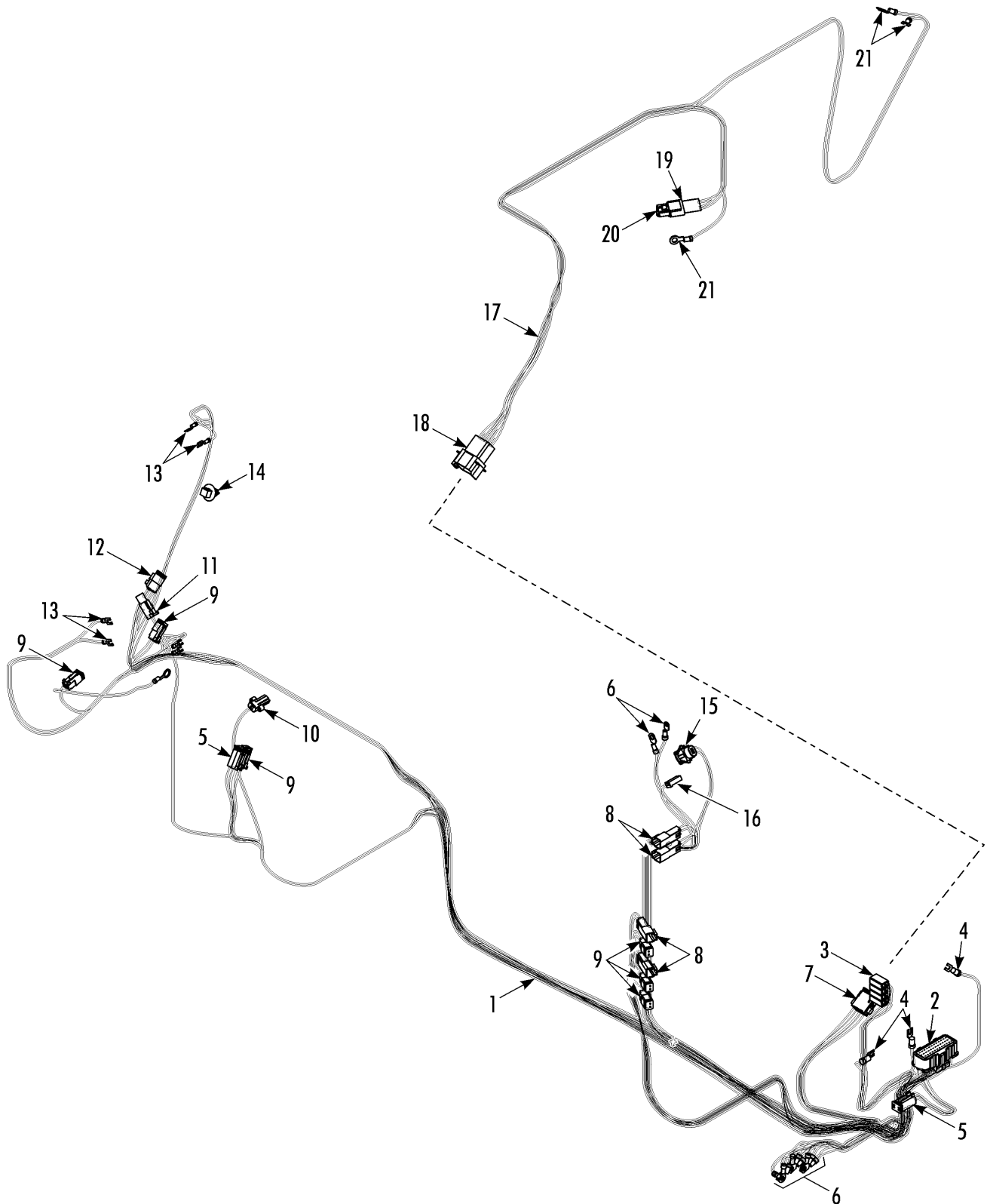
REF	PART NO.	DESCRIPTION	QTY
20	510801	SCREW - box	4
21	332110	GROMMET (1.0 in)	1
22	914308	BRACKET - in-cab controller	2
	555636	SCREW - bracket	4
	552201	FLATWASHER	4
23	334799	GASKET - sealing	1
24	422550	HARNESS - premium adaptor (Europe units only, see note)	1
25	418828	* RECETACLE (8-pin)	1
26	412411	* CONNECTOR - flash loading (D-sub)	1
27	414858	* CONNECTOR - display (20-pin)	1
28	934982	NAMEPLATE - Caution, Alarm Clearing	1

NOTE: For more information on the Harness, premium adapter see SB1070 and/ or PB536.

235F3**MAIN HARNESS & EVAPORATOR
HARNESS**Revised
09/25/17

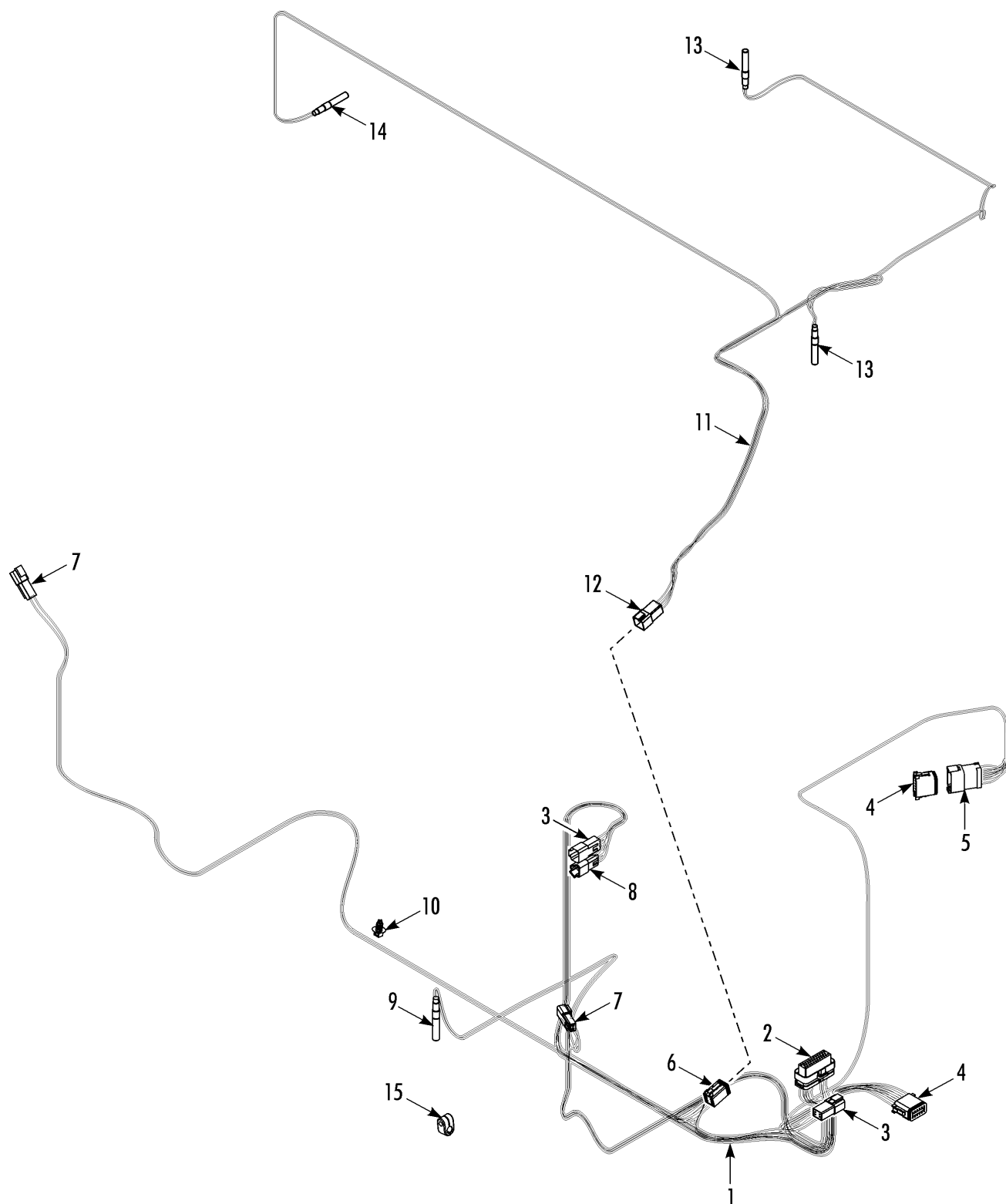
Revised
09/25/17**MAIN HARNESS & EVAPORATOR
HARNESS****235F3**

REF	PART NO.	DESCRIPTION	QTY
1	418697	HARNESS - main (SR-2, before 8/11)	1
	420155	HARNESS - main (SR-3, 8/11 & after)	1
	421517	HARNESS - main (ESA)	1
2	449768	* RECEPTACLE - 36 pin (J7)	1
	449769	* LOCK - receptacle	1
	449855	* TERMINAL	28
3	445719	* CONNECTOR - 8-pin (J15)	1
	445630	* TERMINAL	6
4	445087	* TERMINAL - fork (yellow #10, 10-12 ga)	3
5	418736	* PLUG - 4-pin (sensor & ETV)	2
	418815	* WEDGE - 4-pin	2
	418816	* SOCKET - gold (sensor connector, 18 ga)	4
	449587	* SOCKET (18 ga)	4
6	442793	* TERMINAL - ring (1/4 yellow)	7
	418817	* TERMINAL - ring (1/4 blue)	2
7	418758	* PLUG - 8-pin (sensor harness)	1
	418759	* WEDGE - 8-pin	1
	449593	* SOCKET (14-16 ga)	A/R
	449587	* SOCKET (18 ga)	A/R
8	418818	* RECEPTACLE - 2-pin	4
	418819	* WEDGE - 2-pin	4
	449597	* PIN - (14-16 ga)	4
	449591	* TERMINAL - pin (16-18 ga)	2
	418821	* PIN - gold (18 ga)	2
9	418733	* PLUG - 2-pin	6
	418820	* WEDGE - 2-pin	6
	449593	* SOCKET (14-16 ga)	2
	449587	* SOCKET (18 ga)	10
10	417619	* COVER - terminal (starter)	1
	417620	* TERMINAL	1

235F3**MAIN HARNESS & EVAPORATOR HARNESS**Revised
09/25/17

Revised
09/25/17**MAIN HARNESS & EVAPORATOR
HARNESS****235F3**

REF	PART NO.	DESCRIPTION	QTY
	418822	* SEAL - connector	1
11	414857	* PLUG - 1 pin (glow plug)	1
	449836	* SOCKET (12-14 ga)	1
12	418734	* PLUG - 3 pin (fuel solenoid)	1
	418823	* WEDGE - 3 pin	1
	449593	* SOCKET (14-16 ga)	3
13	442788	* TERMINAL - fork (22-16 ga red)	4
14	511768	* MOUNT - cable (fir tree)	8
15	449607	* CONNECTOR - alternator (sense & exc)	1
	410277	* TERMINAL - female	2
16	446381	* CONNECTOR - alternator (W wire)	1
	445066	* TERMINAL-FINGRIP 18-14GA	1
17	418695	HARNESS - evaporator	1
18	418826	* RECEPTACLE - 8-pin	1
	418827	* WEDGE - 8-pin	1
	449597	* PIN (14-16 ga)	6
19	418824	* RECEPTACLE - 3 pin (door switch)	1
	418825	* WEDGE - 3 pin	1
	449597	* PIN (14-16 ga)	3
20	418734	* PLUG - 3 pin (sealing)	1
	418823	* WEDGE - 3 pin	1
	449602	* PIN - sealing	5
21	442789TKA	* TERMINAL - ring (16-14 1/4)	1
	419022	* TERMINAL - fork (16-14 #8)	2

236D1**SENSOR HARNESSES**Revised
09/16/17

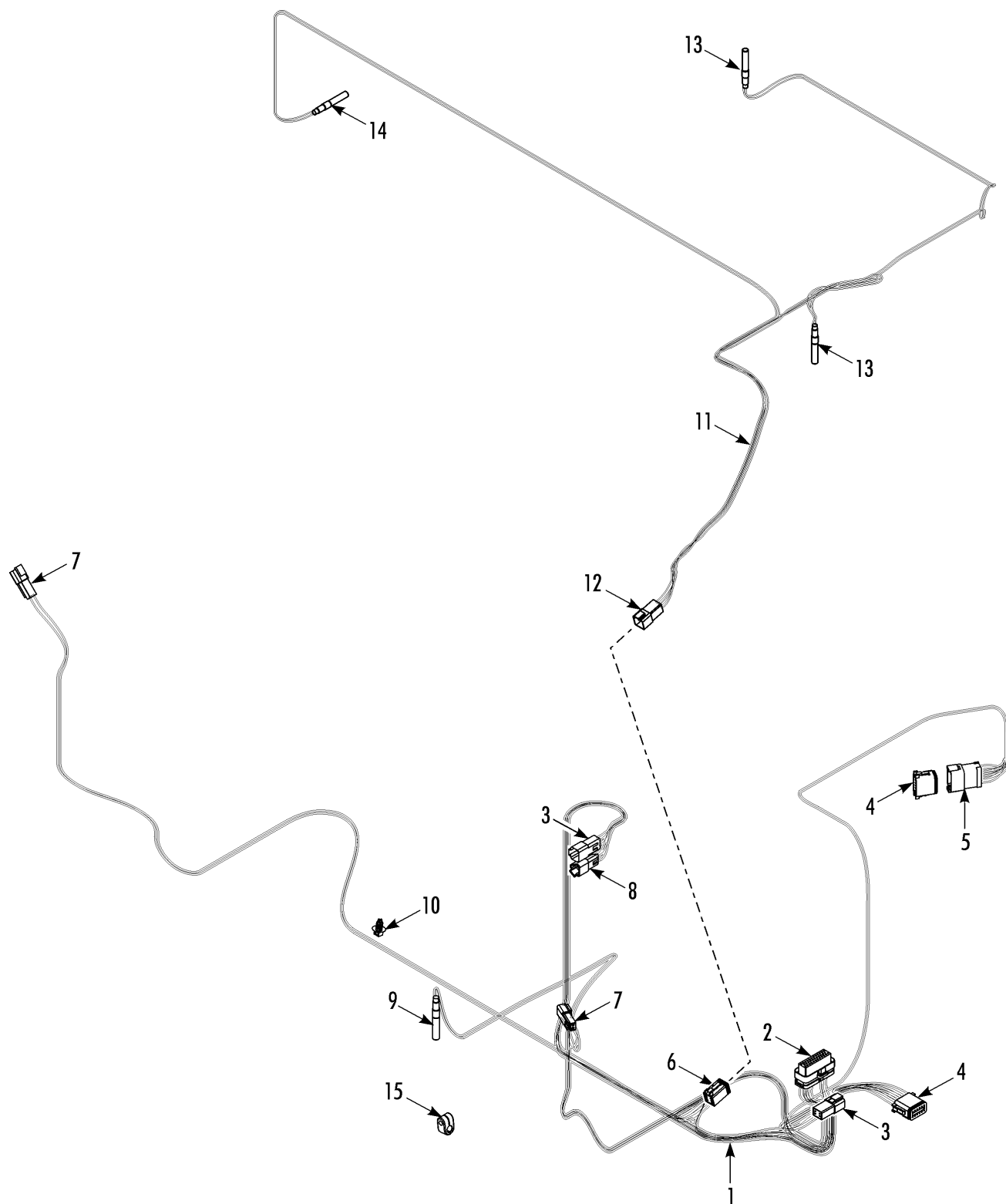
Revised
09/16/17

SENSOR HARNESSES



236D1

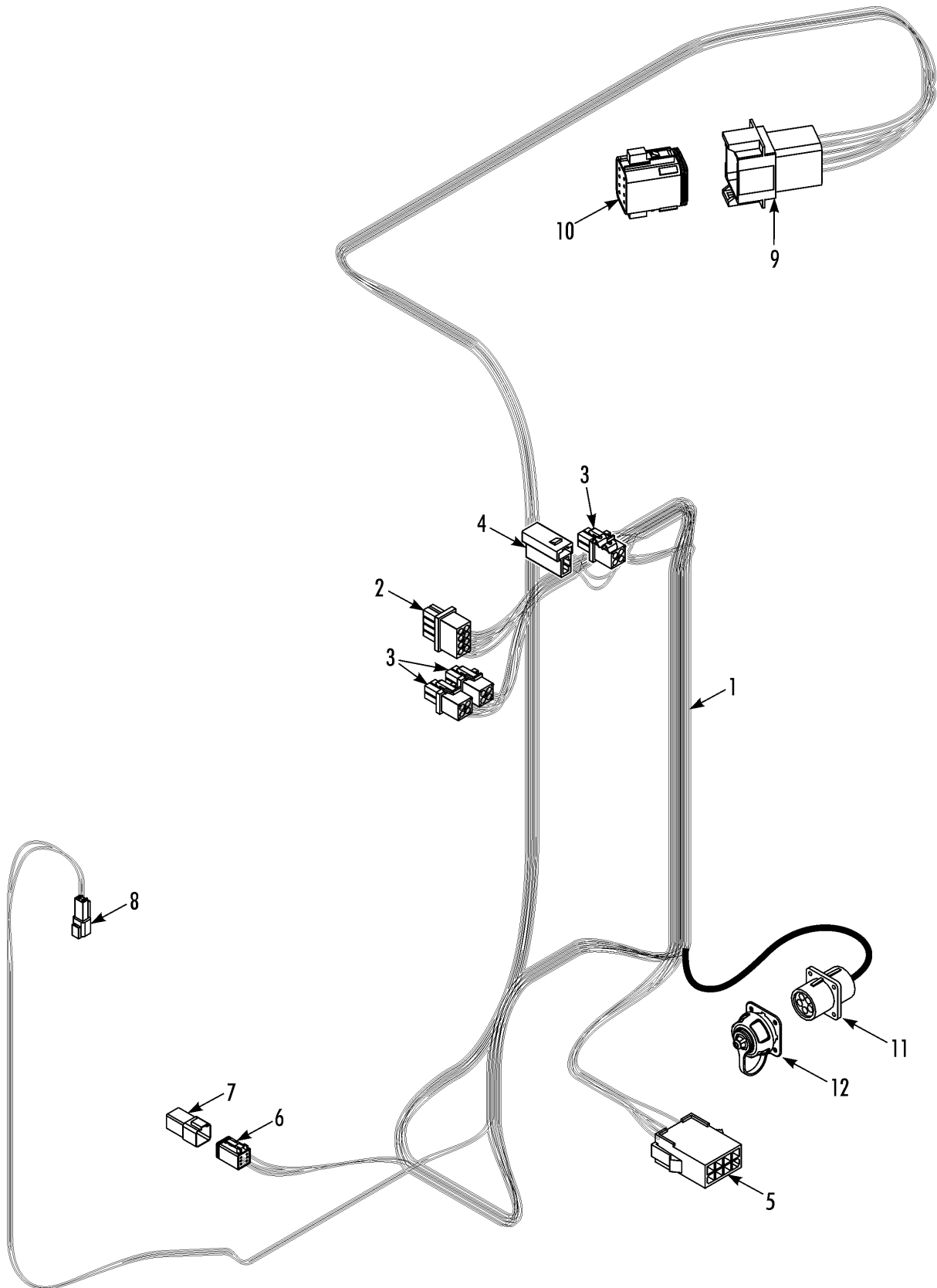
REF	PART NO.	DESCRIPTION	QTY
1	418698	HARNESS - sensor (condenser)	1
2	412407	* PLUG - 35-pin	1
	412457	* TERMINAL - socket	14
3	418735	* RECEPTACLE - 4-pin (main harness & suction transducer)	2
	418833	* WEDGE - 4-pin	2
	418821	* PIN - gold (18 ga)	7
	449602	* PIN - sealing	1
4	417585	* PLUG - 12-pin (DAS)	2
	417586	* WEDGE - 12-pin	2
	449587	* SOCKET (18 ga)	12
	449602	* PIN - sealing	12
5	418834	* RECEPTACLE - 12-pin (DAS)	1
	418835	* WEDGE - 12-pin	1
	449591	* TERMINAL - pin (16-18 ga)	12
6	418829	* PLUG - 6-pin (evap sensor harness)	1
	418836	* WEDGE - 6-pin	1
	418816	* SOCKET - gold (18 ga)	6
7	418818	* RECEPTACLE - 2-pin (water & compr temp sensor)	2
	418819	* WEDGE - 2-pin	2
	418821	* PIN - gold (18 ga)	4
8	418824	* RECEPTACLE - 3-pin (discharge pressure transducer)	1
	418825	* WEDGE - 3-pin	1
	418821	* PIN - gold (18 ga)	3
9	400975	* KIT - sensor	1
10	511768	* MOUNT - cable (fir tree)	4
11	418696	HARNESS - sensor (evaporator)	1
12	418831	* RECEPTACLE - 6-pin	1
	418830	* WEDGE - 6-pin	1
	418832	* PIN - gold (18 ga)	6
13	400974	* KIT - sensor	2

236D1**SENSOR HARNESSES**Revised
09/16/17

Revised
09/16/17

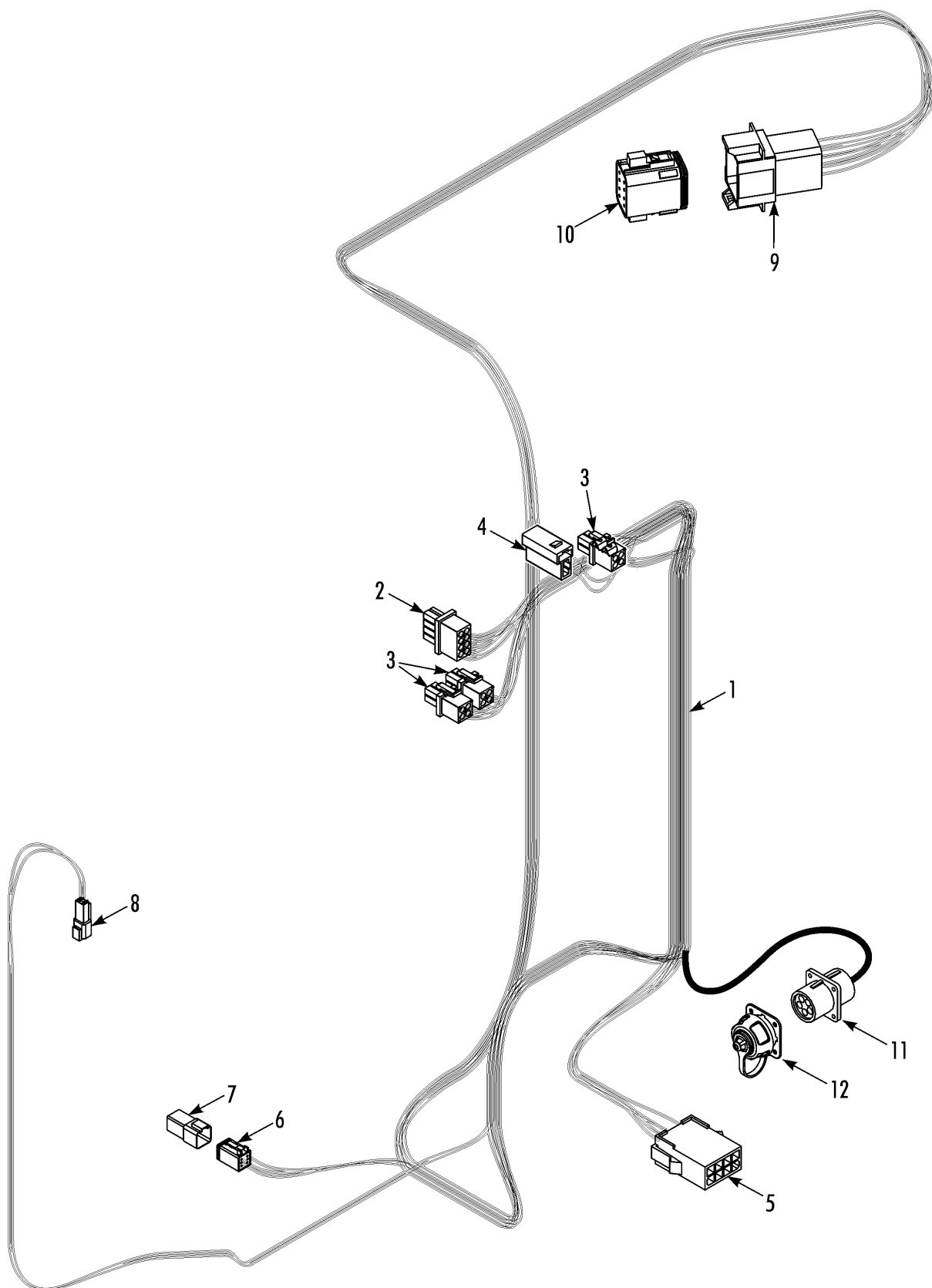
SENSOR HARNESSES**236D1**

REF	PART NO.	DESCRIPTION	QTY
14	400975	* KIT - sensor	1
15	556388	CLAMP - sensor	3
	558316	SCREW - clamp	3

250F4**COMMUNICATION HARNESSES (8/11 & after)**Revised
09/26/17

Revised
09/26/17**COMMUNICATION HARNESSSES (8/11 &
after)****250F4**

REF	PART NO.	DESCRIPTION	QTY
1	420156	HARNESS - communications (SR-3, 8/11 & after)	1
2	415709	* RECEPTACLE - 8-pin (J13)	1
	333908	* GASKET - 8-pin receptacle	1
3	415710	* RECEPTACLE - 4-pin (J8, J9, J10)	3
	333909	* GASKET - 4-pin receptacle	3
	415719	* SOCKET - gold (16-20 ga)	16
	416256	* SEAL - socket	16
4	445219	* CONNECTOR - 2-pin (J4)	1
	445630	* TERMINAL - fingrip	2
5	418828	* RECEPTACLE - 8-pin (DAS)	1
	418739	* PIN (16-20 ga)	6
	416256	* SEAL - pin	6
6	418829	* PLUG - 6-pin (status light or thermometer)	1
	418836	* WEDGE - 6-pin	1
	449587	* SOCKET (18 ga)	3
	449602	* PIN - sealing	3
7	418831	* RECEPTACLE - 6-pin (sealing)	1
	418830	* WEDGE - 6-pin	1
	449602	* PIN - sealing	6
8	418818	* RECEPTACLE - 2-pin (on-off switch)	1
	418819	* WEDGE - 2-pin	1
	449597	* PIN (14-16 ga)	2
9	418826	* RECEPTACLE - 8-pin (flush mount controller)	1
	418827	* WEDGE - 8-pin	1
	418832	* PIN - gold (20 ga)	8
10	418758	* PLUG - 8-pin (sealing)	1
	418759	* WEDGE - 8-pin	1
	449602	* PIN - sealing	8
11	412405	* RECEPTACLE - 5-pin (controller download)	1
	449591	* TERMINAL - pin (16-18 ga)	4

250F4**COMMUNICATION HARNESSES (8/11 & after)**Revised
09/26/17

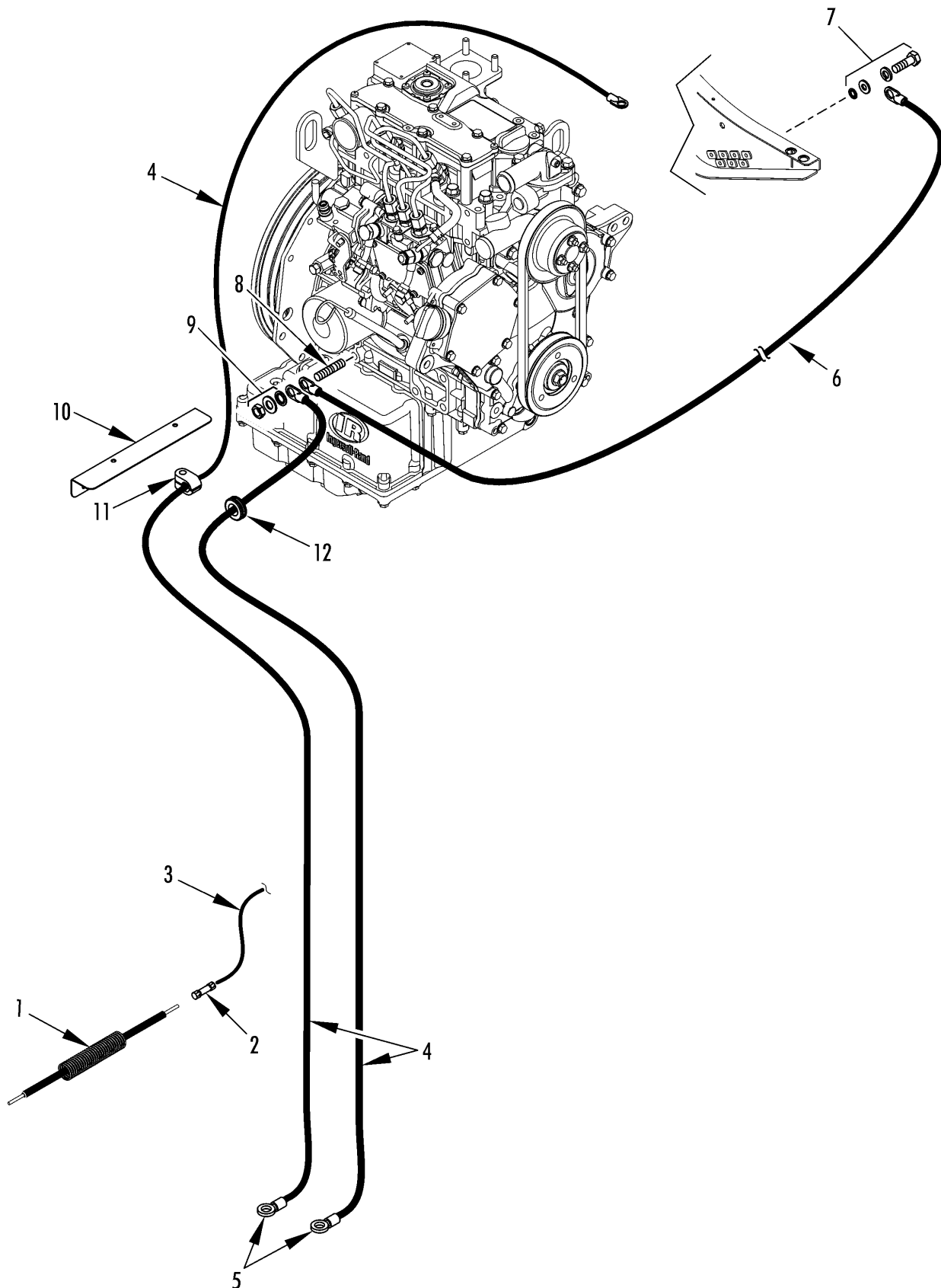
Revised
09/26/17

**COMMUNICATION HARNESSSES (8/11 &
after)**



250F4

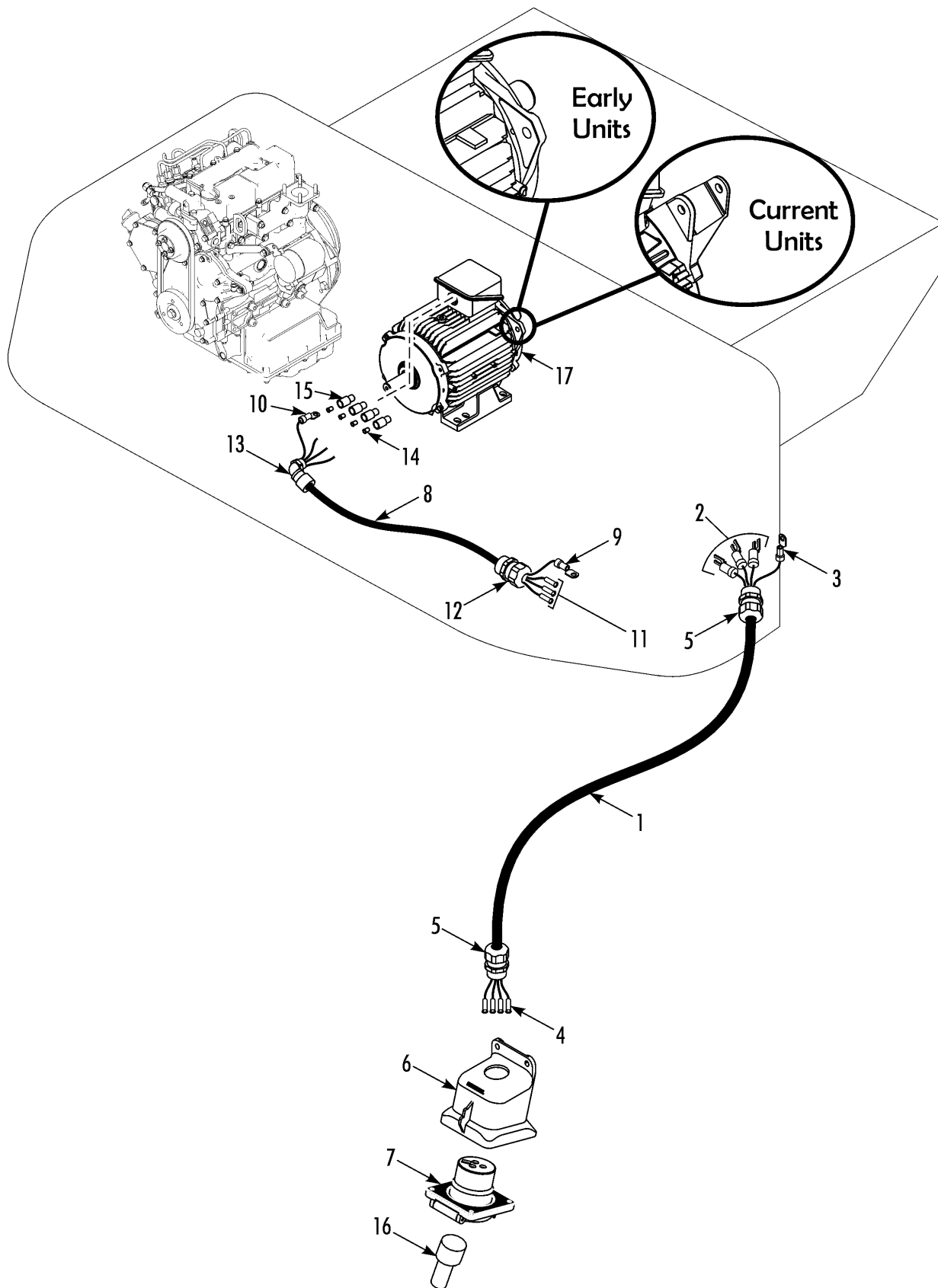
REF	PART NO.	DESCRIPTION	QTY
12	923067	* CAP - dust	1

236D0**BATTERY CABLES & FUSE**Revised
09/25/17

Revised
09/25/17**BATTERY CABLES & FUSE****236D0**

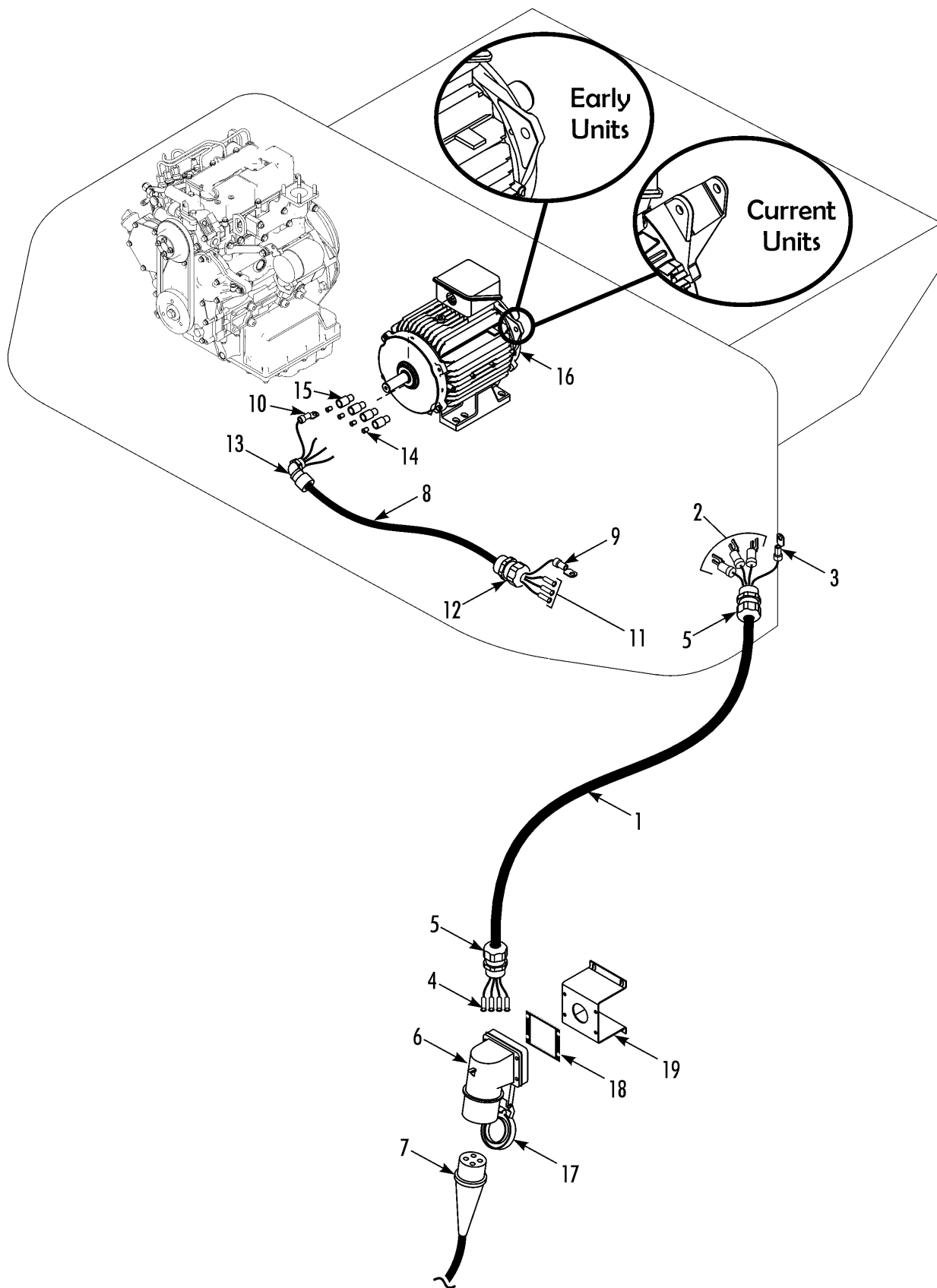
REF	PART NO.	DESCRIPTION	QTY
1	422499	KIT - 60 amp in line fuse (see note)	1
2	413408	TERMINAL - splice	1
3	418699	CABLE - power (#2 wire, 12V)	1
4	418597	CABLE - battery (21 ft)	2
	420642	CABLE - battery (8.4 M)	1
5	418598	TERMINAL - battery cable	2
6	418701	CABLE - ground (96 in)	1
7	556994	SCREW - ground	1
	557075	FLATWASHER	1
	557170	LOCKWASHER	1
8	511614TKA	STUD - ground terminal	1
9	552640	NUT - ground	1
	553996	LOCKWASHER (internal tooth)	1
	552363	LOCKWASHER (spring)	1
	552641	FLATWASHER	3
10	927521TKA	BRACKET - battery cable	1
	929583	BRACKET - battery cable (T-500R only)	1
	554606	SCREW - bracket	2
	554638	FLATWASHER	2
	557478	LOCKWASHER	2
11	556388	CLAMP - cable (3/8)	2
	925563	CLAMP - cable (7/16)	2
14	331371	GROMMET	2

NOTE: See TK56239 for more information about the in line fuse kit.

236D3**POWER RECEPTACLE & MOTOR
HARNESS TSA**Revised
10/06/17

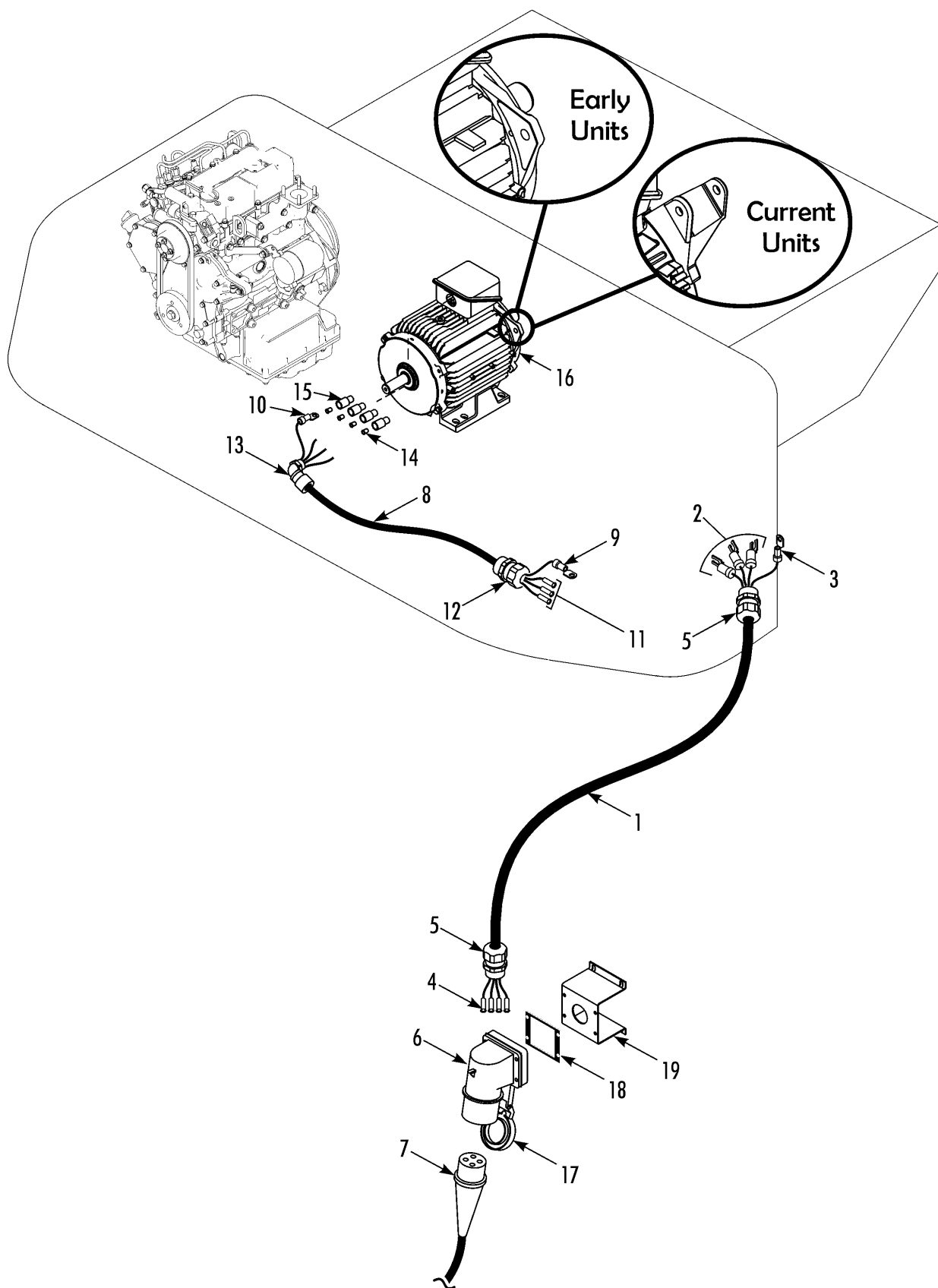
Revised
10/06/17**POWER RECEPTACLE & MOTOR
HARNESS TSA****236D3**

REF	PART NO.	DESCRIPTION	QTY
1	418741	CABLE - power (10 ft long)	1
	423104	CABLE - power (17 ft long)	1
2	414407	* TERMINAL - fork (#8 yellow)	3
3	442792	* TERMINAL - ring (#8 yellow)	1
4	449891	* TERMINAL - pin (10 ga)	4
5	414188	* CONNECTOR - harness grip	2
	552636	* NUT - lock	2
	414189	* WASHER - sealing	2
6	418292	BOX - receptacle	1
7	418293	RECEPTACLE - power (30A, 230/3/60)	1
	418294TKA	RECEPTACLE - power (20A, 460/3/60)	1
	418275	RECEPTACLE - power (50A, 230/3/60)	1
8	418740	CABLE - motor	1
9	442792	* TERMINAL - ring (#8 yellow)	1
10	442793	* TERMINAL - ring (1/4 yellow)	1
11	449891	* TERMINAL - pin (10 ga)	3
12	414188	CONNECTOR - harness grip	1
13	511853TKA	CONNECTOR - harness grip (90 degree)	1
	552636	NUT - lock	2
	414189	WASHER - sealing	2
14	411105	SLEEVE - crimp	A/R
15	446646	CAP - sleeve	A/R
16	444695	PLUG - power (30A, 230/3/60)	1
	411816	PLUG - power (50A, 230/3/60)	1
	444700	PLUG - power (20A, 460/3/60)	1
17	1040784	MOTOR (before 5/13, 7.2 hp)	1
	1040801	MOTOR (5/13 & after, 7.2 hp)	1
	1040786	MOTOR (before 5/13, 12 hp)	1
	1040791	MOTOR (5/13 & after, 12 hp)	1

240C5**POWER RECEPTACLE & MOTOR
HARNESS EMEIA**Revised
09/16/17

Revised
09/16/17**POWER RECEPTACLE & MOTOR
HARNESS EMEIA****240C5**

REF	PART NO.	DESCRIPTION	QTY
1	418745	HARNESS - power (EMEIA, 4100 mm)	1
	420641	HARNESS - power (EMEIA, 6100 mm)	1
2	414407	* TERMINAL - fork (#8 yellow)	3
3	442792	* TERMINAL - ring (#8 yellow)	1
4	449891	* TERMINAL - pin (10 ga)	4
5	511852TKA	* CONNECTOR - harness grip	2
	552636	* NUT - lock	2
	414189	* WASHER - sealing	2
6	418746	RECEPTACLE - power (220/3/50 30A, 3 pole + E + N)	1
	418762	RECEPTACLE - power (380/3/50 32A, 3 pole + E + N)	1
	446971	RECEPTACLE - power (230/3/50 32A, 3 pole + E)	1
	446875	RECEPTACLE - power (380/3/50 32A, 3 pole + E)	1
7	447576	PLUG - power (230/3/50 32A, 3 pole + E, mates with 44-6971)	1
	446685	PLUG - power (380/3/50 32A, 3 pole + E, mates with 44-6875)	1
	410782	PLUG - power (220/3/50 30A, 3 pole + E + N), mates w/ 41-8746)	1
	410520	PLUG - power (380/3/50 30A, 3 pole + E + N), mates w/ 41-8762)	1
8	420903	HARNESS - motor	1
9	442792	* TERMINAL - ring (#8 yellow)	1
10	442793	* TERMINAL - ring (1/4 yellow)	1
11	449891	* TERMINAL - pin (10 ga)	3
12	511852TKA	* CONNECTOR - harness grip	1
13	511853TKA	* CONNECTOR - harness grip (90 degree)	1
14	411105	SLEEVE - crimp	A/R
15	446646	CAP - sleeve	A/R
16	1040784	MOTOR (early units, 7.2 hp)	1
	1040801	MOTOR (current units 7.2 hp)	1
	1040786	MOTOR (early units, 12 hp)	1
	1040791	MOTOR (current units 12 hp)	1
17	999052	COVER - receptacle	1
18	331697	GASKET - receptacle	2

240C5**POWER RECEPTACLE & MOTOR
HARNESS EMEIA**Revised
09/16/17

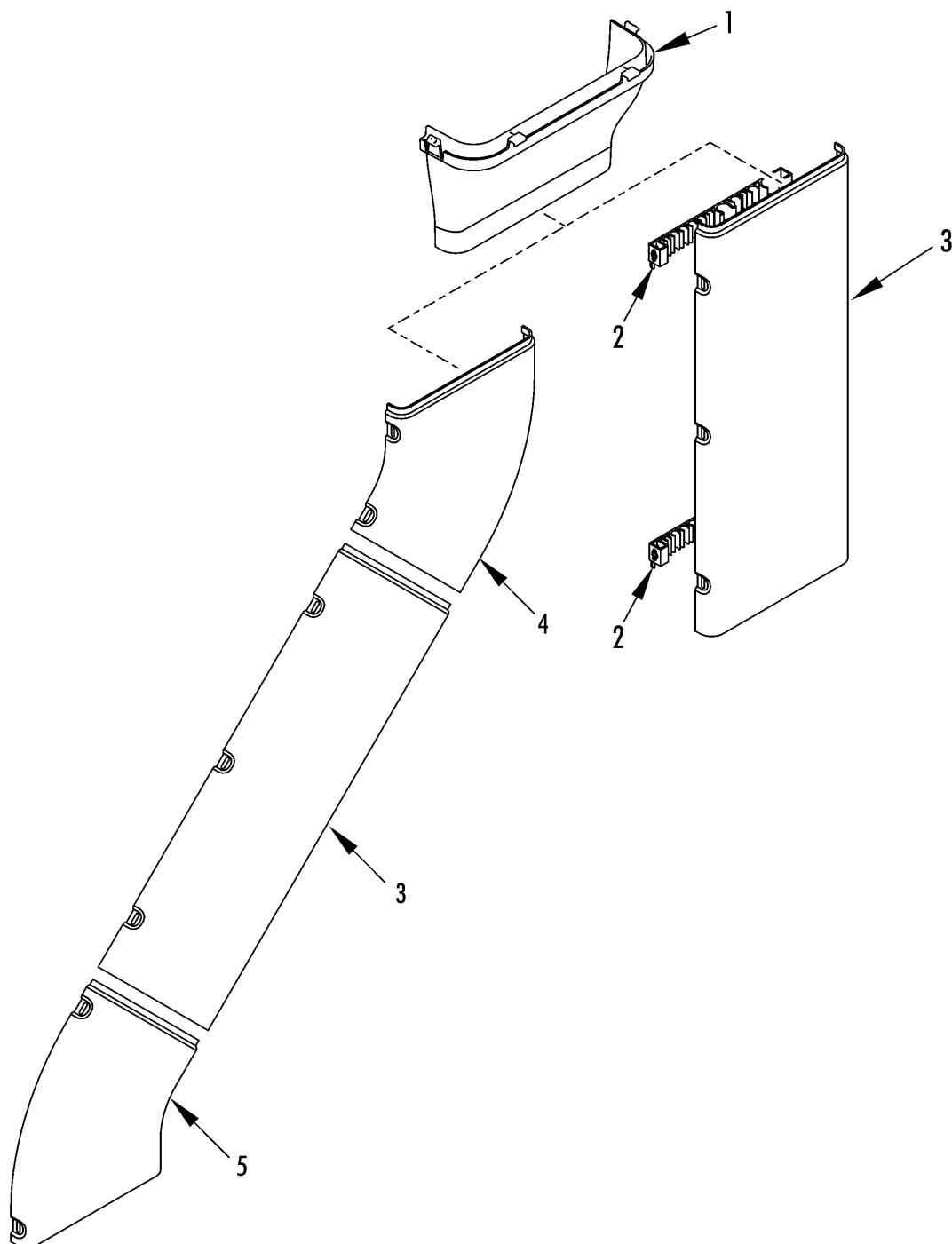
Revised
09/16/17

**POWER RECEPTACLE & MOTOR
HARNESS EMEIA**



240C5

REF	PART NO.	DESCRIPTION	QTY
19	921169	BRACKET - receptacle	1
	559695	SCREW - receptacle to bracket	4
	559763	NUT	4

236H1**HOSE MANAGEMENT**Revised
09/25/17

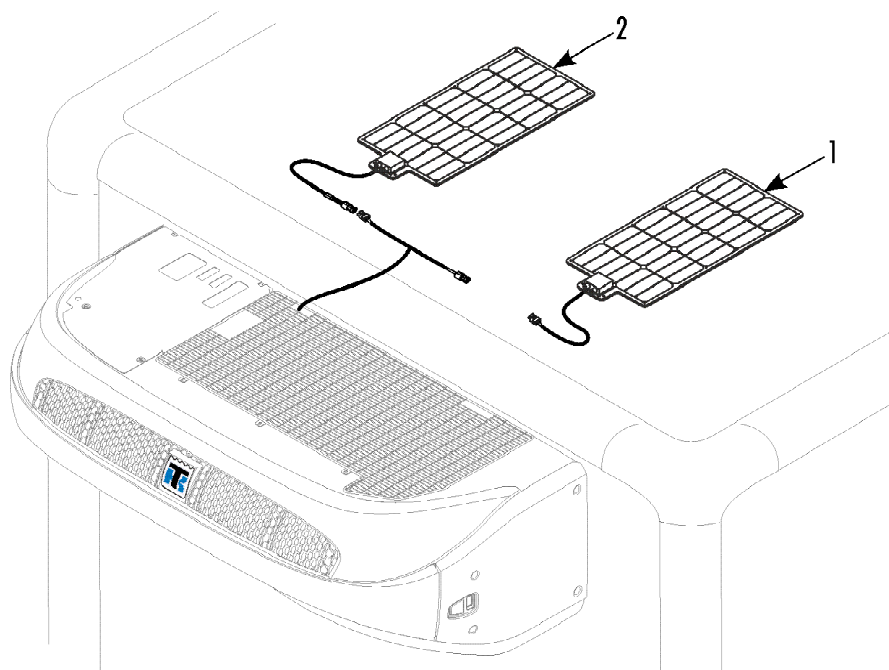
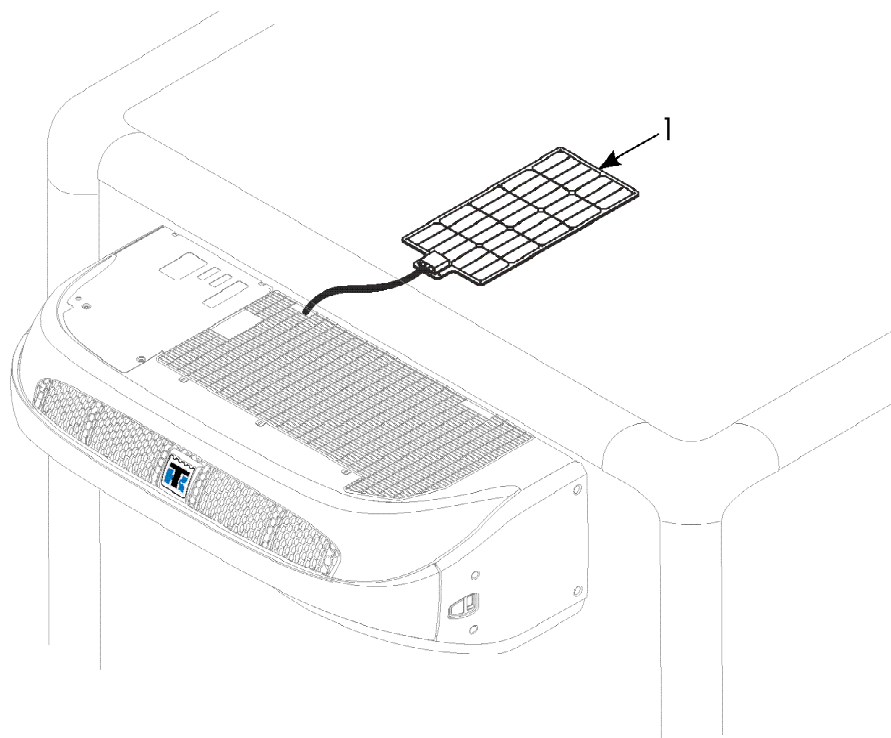
Revised
09/25/17

HOSE MANAGEMENT



236H1

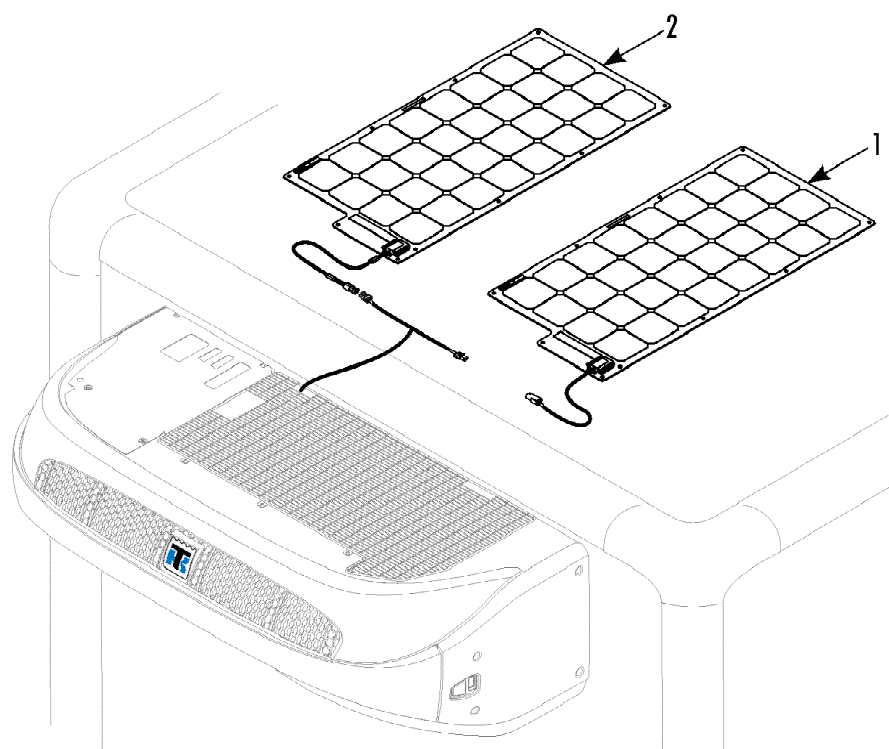
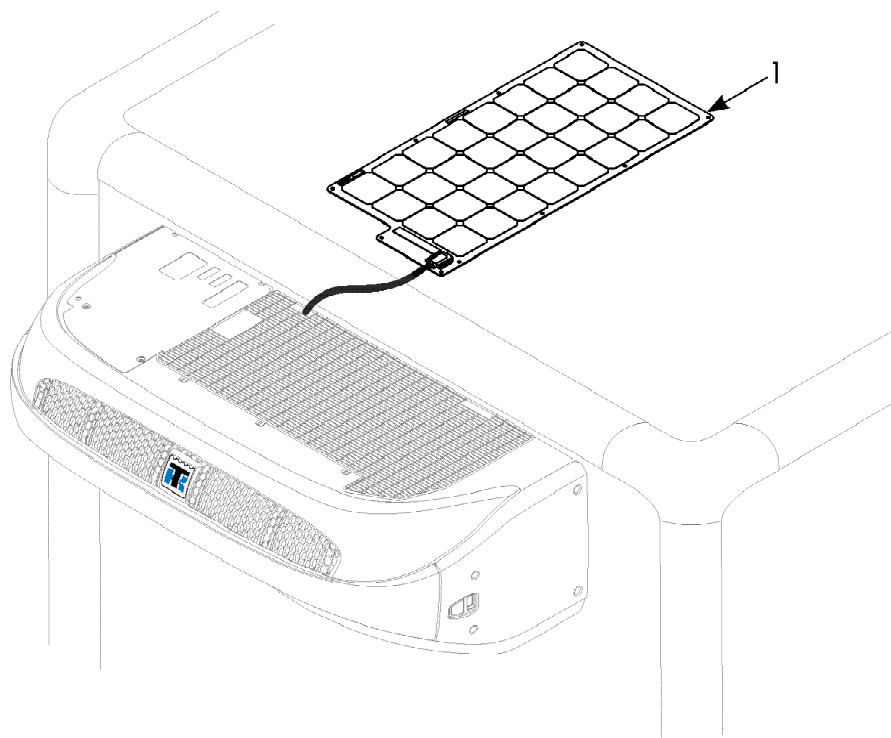
REF	PART NO.	DESCRIPTION	QTY
	900421TKA	KIT - hose management	1
1	988213	* COVER - hose management	1
2	921111	* HOLDER - hose clip	6
3	921112	* COVER - straight	3
	553015	* SCREW - holder & clip	6
4	921113	COVER - hose management (curved, TSA option)	1
5	921114	COVER - hose management (curved, TSA option)	1

317D8**36W SOLAR PANEL (Truck, North America)**Revised
10/20/17

Revised
10/20/17**36W SOLAR PANEL (Truck, North America)****317D8**

REF	PART NO.	DESCRIPTION	QTY
1	401326	KIT - solar panel (36W, see note)	1
2	401327	KIT - solar panel, expansion (36W, see note)	1

NOTE: See TK56516 for more information on Solar Panels and installation procedures.

317D9**100W SOLAR PANEL (Truck, North America)**Revised
10/20/17

Revised
10/20/17

100W SOLAR PANEL (Truck, North America)



317D9

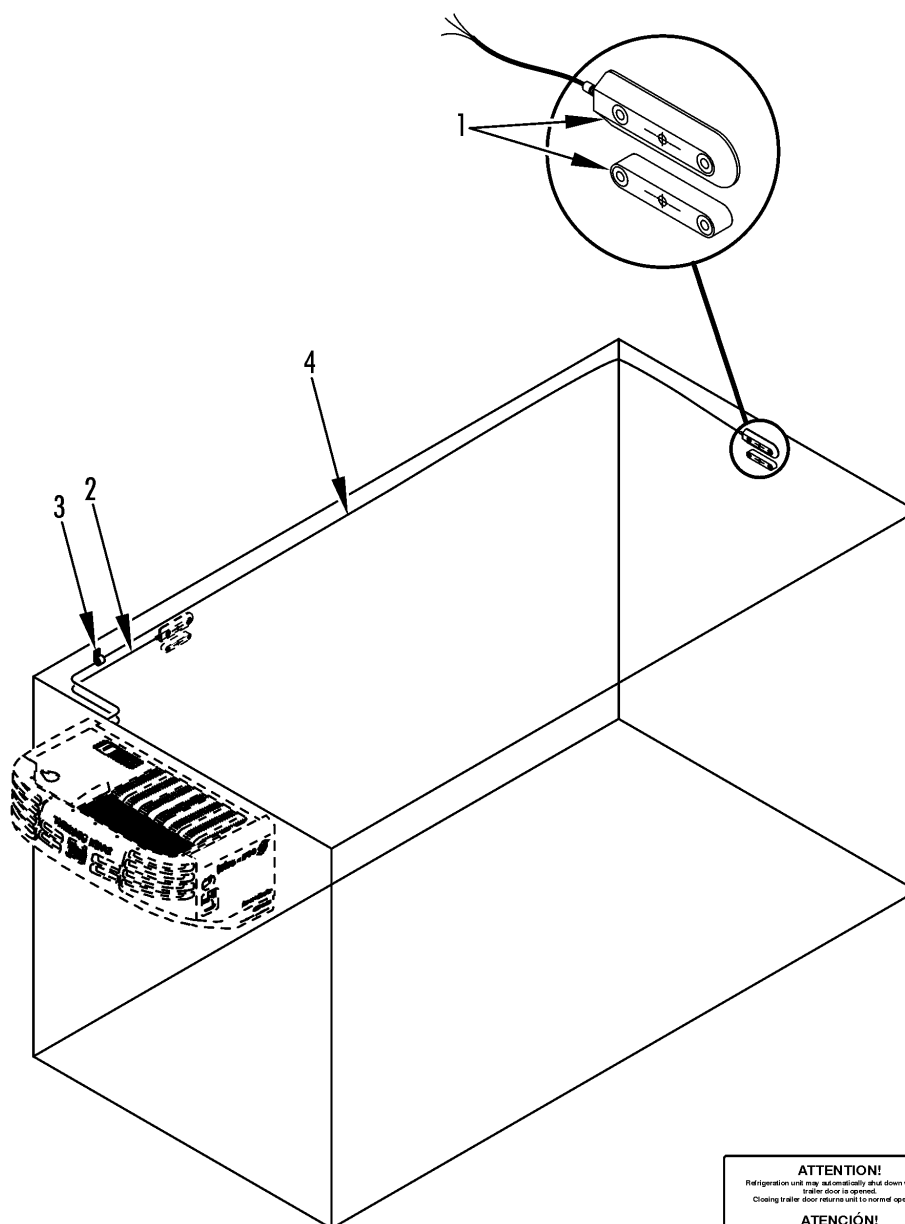
REF	PART NO.	DESCRIPTION	QTY
1	401300	KIT - solar panel (100W, see note)	1
2	401301	KIT - solar panel, expansion (100W, see note)	1

NOTE: See TK56516 for more information on Solar Panels and installation procedures.

174E6



DOOR SWITCH

Revised
09/21/17

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 automáticamente cuando se abre la puerta del trailer.
La unidad volverá a funcionar al cerrar la puerta del trailer.

5

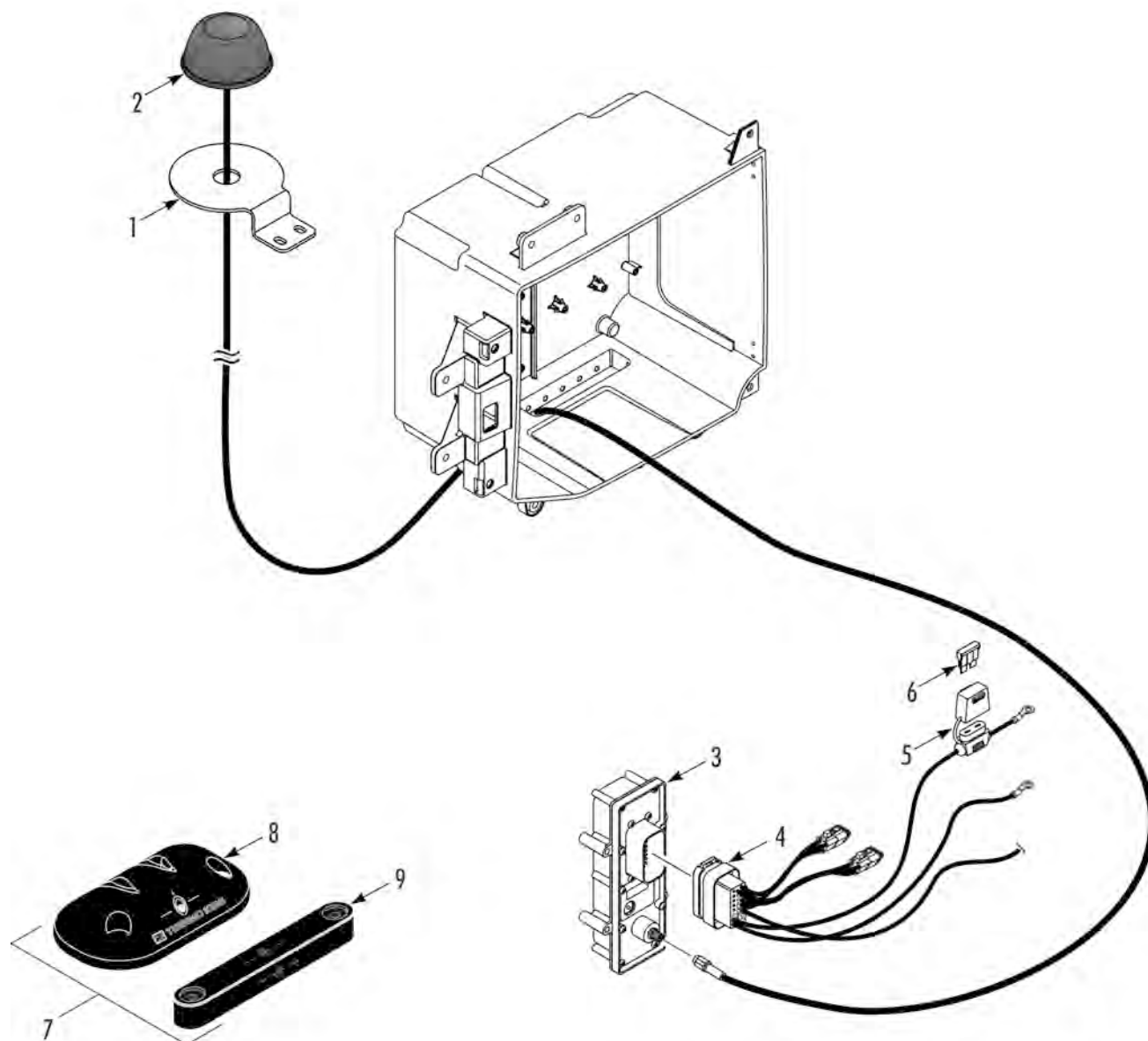
Revised
09/21/17

DOOR SWITCH



174E6

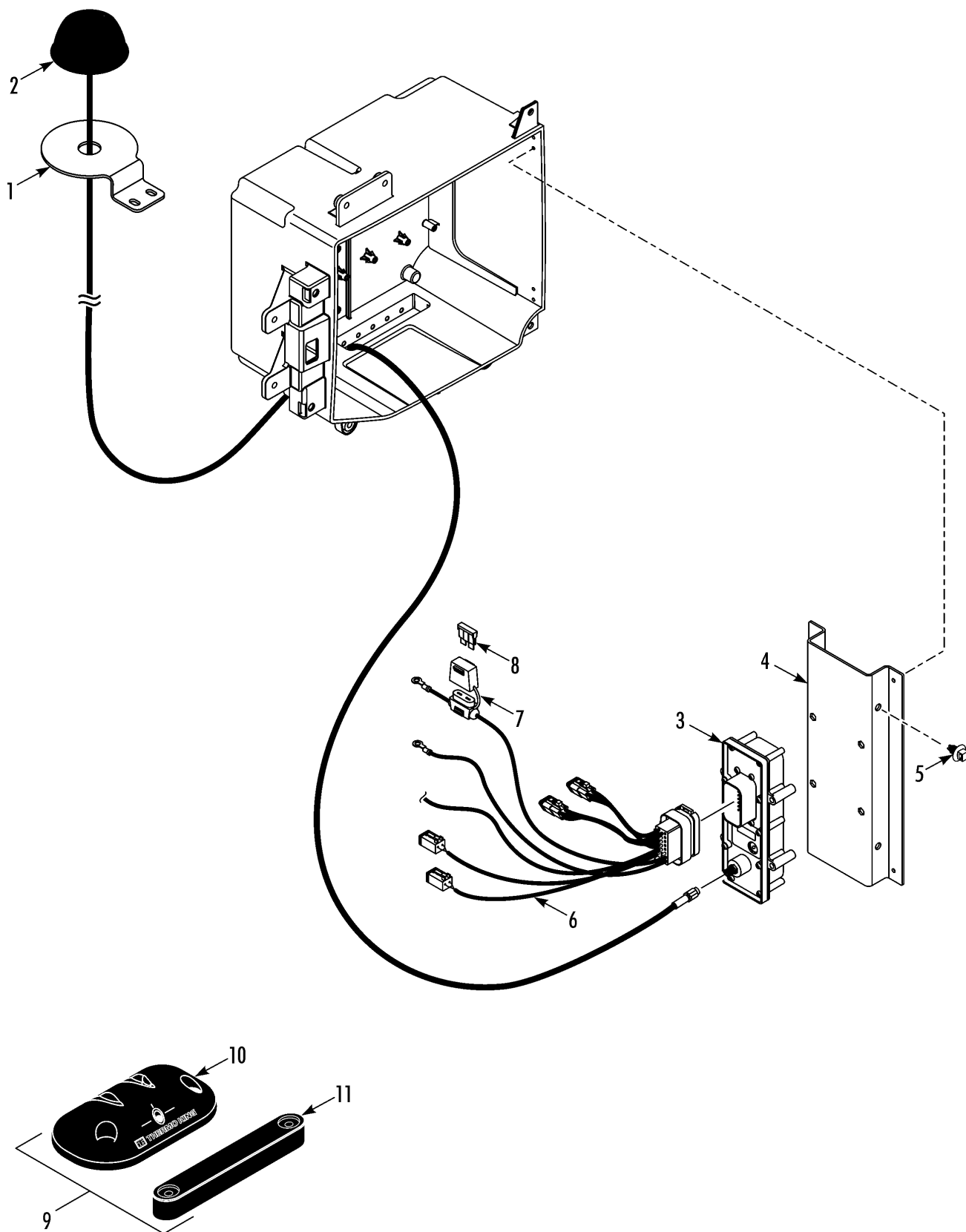
REF	PART NO.	DESCRIPTION	QTY
1	401135	KIT - door switch (3 wire)	2
	558421	* SCREW - switch (1.0 in)	2
	511321	* SCREW - switch (3/4 in)	2
	552001	* FLATWASHER	3
2	417281	HARNESS - door switch (single temp or zone 1)	1
	417282	HARNESS - door switch (2 switches, parallel)	1
3	552536	CLAMP - harness	15
	559126	SCREW - harness	15
4	414753	HARNESS - door switch (zone 2)	1
	417039	HARNESS - door switch (zone 3)	1
5	924772	NAMEPLATE - Door Switch	1

267F2**DOOR SWITCH TRUCK (CargoLink)**Revised
10/06/17

Revised
10/06/17**DOOR SWITCH TRUCK (CargoLink)****267F2**

REF	PART NO.	DESCRIPTION	QTY
	401150	KIT - WPAN Truck	1
1	929334	BRACKET - antenna	1
	554829	SCREW - bracket	2
2	420239	ANTENNA	1
3	420228	CONTROLLER - coordinator	1
	554829	SCREW - controller	2
4	420240	HARNESS - interface (SR-3)	1
	419350	* CONNECTOR - 23-pin	1
	412457	* TERMINAL - socket	8
	419694	* PIN - sealing	15
5	415841	* HOLDER - fuse	1
6	412543	* FUSE 2A	1
7	401143	KIT - door switch (see note)	A/R
8	NSS	* SENSOR - door	1
9	NSS	* MAGNET	1
	511321	* SCREW - 3/4 in	2
	558421	* SCREW - 1.0 in	2
	552001	* FLATWASHER	4
	401135	KIT - door switch (3 wire)	1

NOTE: See PRB9017 for more information for KIT - door switch.

290E3**DOOR SWITCH TRUCK (CargoLink, w/
factory installed WPAN)**Revised
10/06/17

Revised
10/06/17**DOOR SWITCH TRUCK (CargoLink, w/
factory installed WPAN)****290E3**

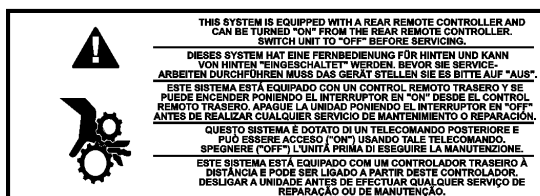
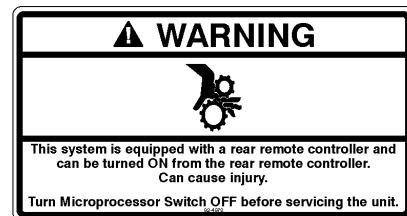
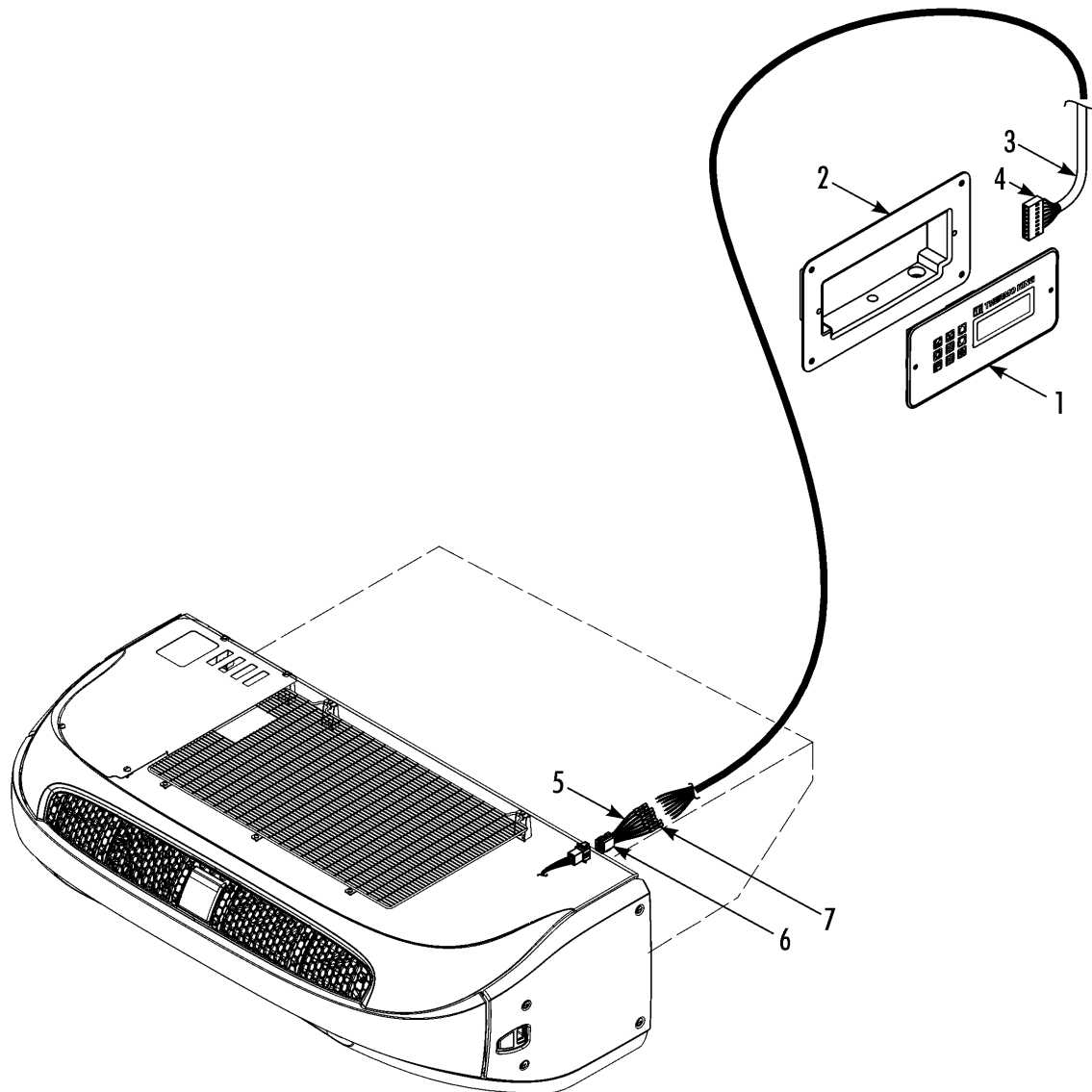
REF	PART NO.	DESCRIPTION	QTY
	401150	KIT - WPAN Truck	1
1	929334	BRACKET - antenna	1
	554829	SCREW - bracket	2
2	420239	ANTENNA	1
3	420228	CONTROLLER - coordinator	1
	558956	SCREW - controller	4
	557369	LOCKWASHER	4
	557697	FLATWASHER	8
4	933446	BRACKET - controller	1
	512263	* INSERT	4
	512229	SCREW - bracket	4
5	511768	MOUNT - bandwrap	2
6	422335	HARNESS - interface (SR-3)	1
	419350	* CONNECTOR - 23-pin	1
	412457	* TERMINAL - socket	8
	419694	* PIN - sealing	15
	418733	* PLUG (2 pin)	2
	418820	* WEDGE	2
	449631	* CONNECTOR (3-pin, w/ seal)	2
	449536	* WEDGE	2
7	415841	* HOLDER - fuse	1
8	412543	* FUSE 2A	1
9	401143	KIT - door switch (see note)	A/R
10	NSS	* SENSOR - door	1
11	NSS	* MAGNET	1
	511321	* SCREW - 3/4 in	2
	558421	* SCREW - 1.0 in	2
	552001	* FLATWASHER	4
	401135	KIT - door switch (3 wire)	1

NOTE: See PRB9017 for more information for KIT - door switch.

235H8



REAR REMOTE CONTROLLER

Revised
09/25/17

Revised
09/25/17

REAR REMOTE CONTROLLER

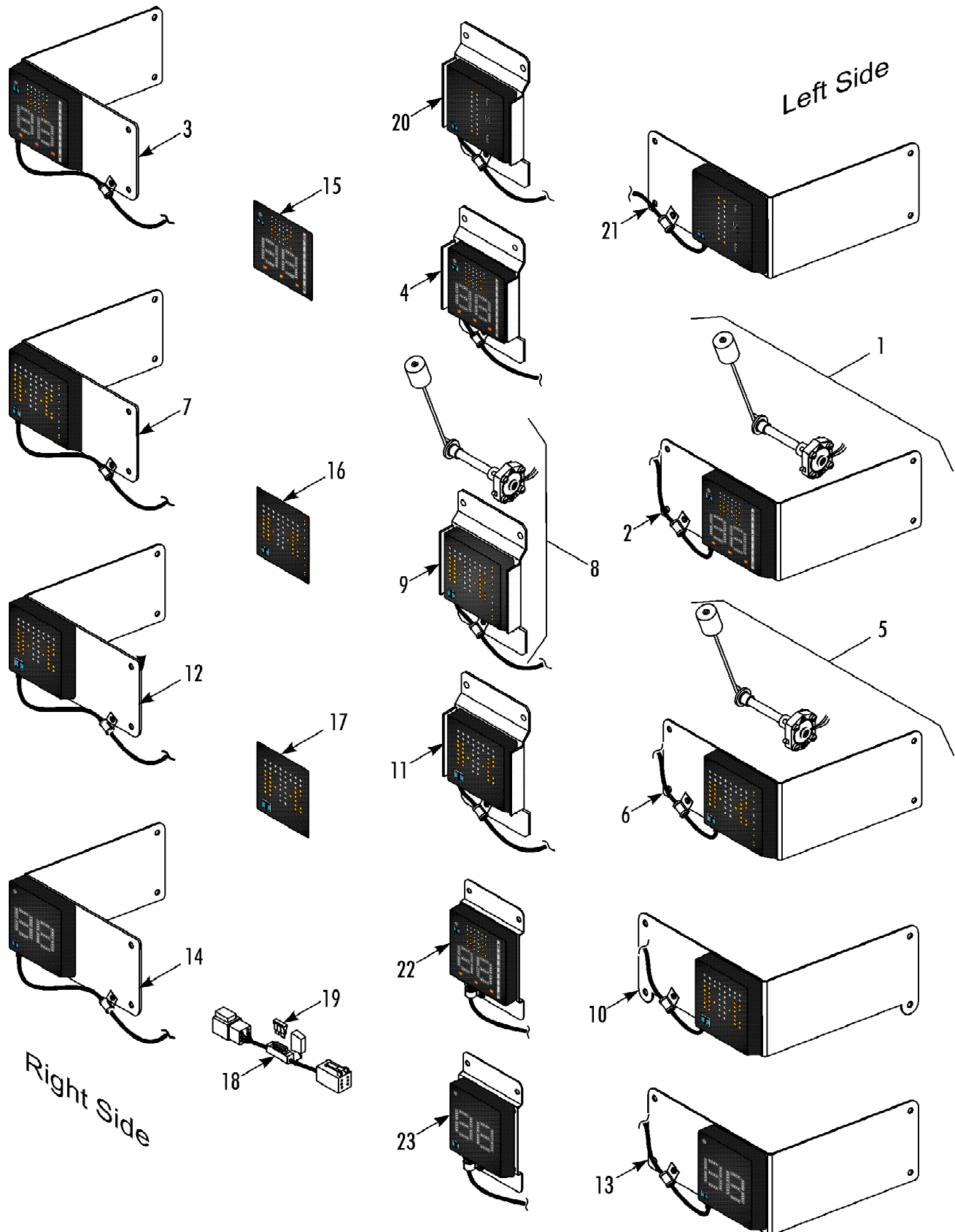
**235H8**

REF	PART NO.	DESCRIPTION	QTY
	401061	KIT - flush mount controller (single temp)	1
	401062	KIT - flush mount controller (multi temp)	1
1	452401	* CONTROLLER - flush mount (single temp)	1
	452404	* CONTROLLER - flush mount (multi temp)	1
	931032	** FACEPLATE	1
	553443	* SCREW - controller	2
2	900335TKA	* KIT - box, remote controller	1
3	418702	* HARNESS - controller to evap	1
4	418765	** CONNECTOR - 8-pin	1
	418872	** TERMINAL - gold (20 ga)	7
5	416586	* HARNESS - evaporator	1
6	449903	** PLUG - 8-pin	1
	449902	** WEDGE - 8-pin	1
	418816	** SOCKET - gold (18 ga)	8
7	410124	** TERMINAL - splice	8
8	926682	* NAMEPLATE - Warning	1
9	924978	NAMEPLATE - Attention	1

226E6



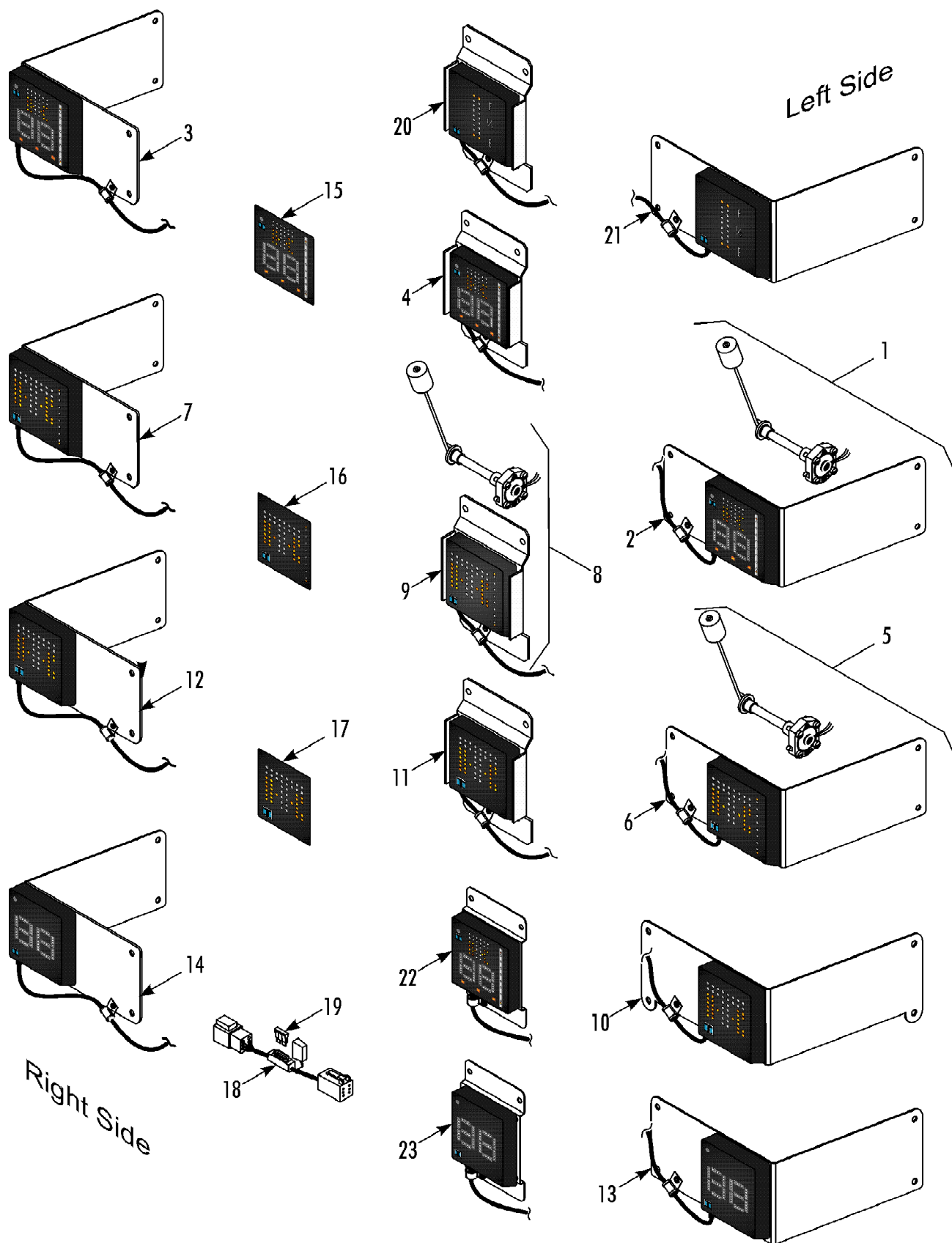
STATUS/ TEMPERATURE/ FUEL LEVEL DISPLAYS (North America)

 Revised
03/28/18


Revised
03/28/18**STATUS/ TEMPERATURE/ FUEL LEVEL
DISPLAYS (North America)****226E6**

REF	PART NO.	DESCRIPTION	QTY
1	401109	KIT - status/ temp/ fuel level display (left side, w/fuel gauge)	1
2	401110	KIT - status/ temperature/ fuel level display (left side)	1
	401303	KIT - status/ temperature/ fuel level display (left side, SLXi-DRC)	1
3	401111	KIT - status/ temperature/ fuel level display (right side)	1
4	401112	KIT - status/ temperature/ fuel level display (flush mount)	1
	401304	KIT - status/ temperature/ fuel level display (flush mount, SLXi-DRC)	1
5	401070	KIT - status/ fuel level display (left side, w/fuel gauge)	1
6	401068	KIT - status/ fuel level display (left side)	1
7	401069	KIT - status/ fuel level display (right side)	1
8	401071	KIT - status/ fuel level display (flush mount, w/fuel gauge)	1
9	401067	KIT - status/ fuel level display (flush mount)	1
10	400980	KIT - status display (left side, SB)	1
	400984	KIT - status display (left side, SLXi DRC, Precedent, T-Series Truck after 11/11)	1
	3504665	KIT - status display (Carrier units only)	1
11	400981	KIT - status display (flush mount, SB)	1
	400989	KIT - status display (flush mount, SLXi DRC, Precedent)	1
12	400996	KIT - status display (right mount, SB Australia)	1
	400985	KIT - status display (right side, SLXi DRC, Precedent)	1
13	401119	KIT - temperature display (left side, degrees F, 12V only)	1
	401120	KIT - temperature display (left side, degrees C, 12V only)	1
14	401121	KIT - temperature display (right side, degrees C, 12V only)	1
15	419024	DISPLAY - face plate decal (status/ temp/ fuel level display)	1
16	419025	DISPLAY - face plate decal (status/ fuel level display)	1
17	419023	DISPLAY - face plate decal (status display)	1
18	416742	HARNESS - fuse (multi temp units)	1
19	411932	FUSE (1A)	1
20	401160	KIT - fuel level (flushmount)	1

226E6
**STATUS/ TEMPERATURE/ FUEL LEVEL
DISPLAYS (North America)**

 Revised
03/28/18


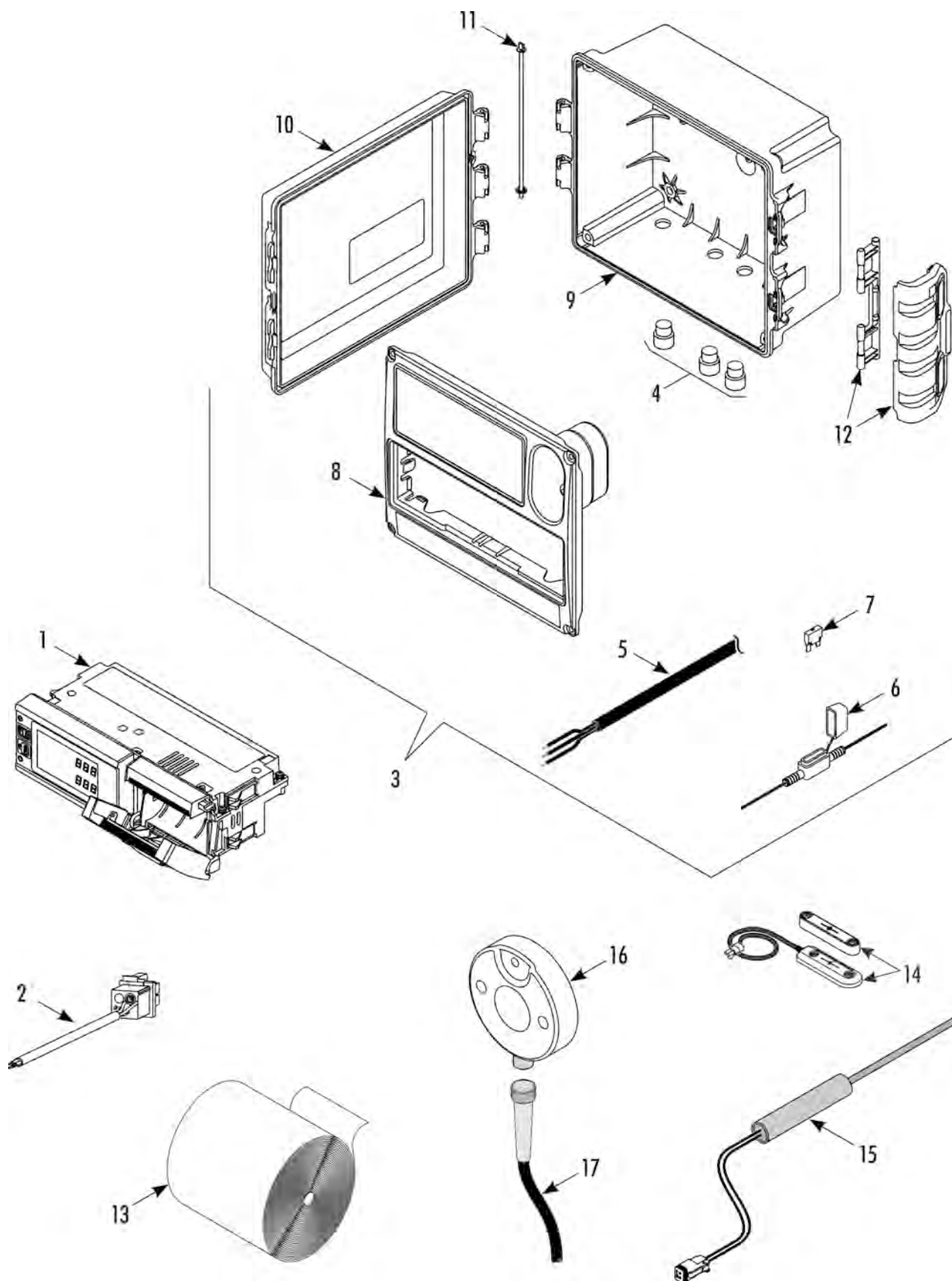
Revised
03/28/18

**STATUS/ TEMPERATURE/ FUEL LEVEL
DISPLAYS (North America)**



226E6

REF	PART NO.	DESCRIPTION	QTY
21	401165	KIT - fuel level (left side)	1
22	401391	KIT - status/ temperature/ fuel level display (narrow flush mount)	1
23	401402	KIT - temperature display (narrow flush mount)	1

290H6**TouchPrint DATALOGGER (North America)**Revised
10/06/17

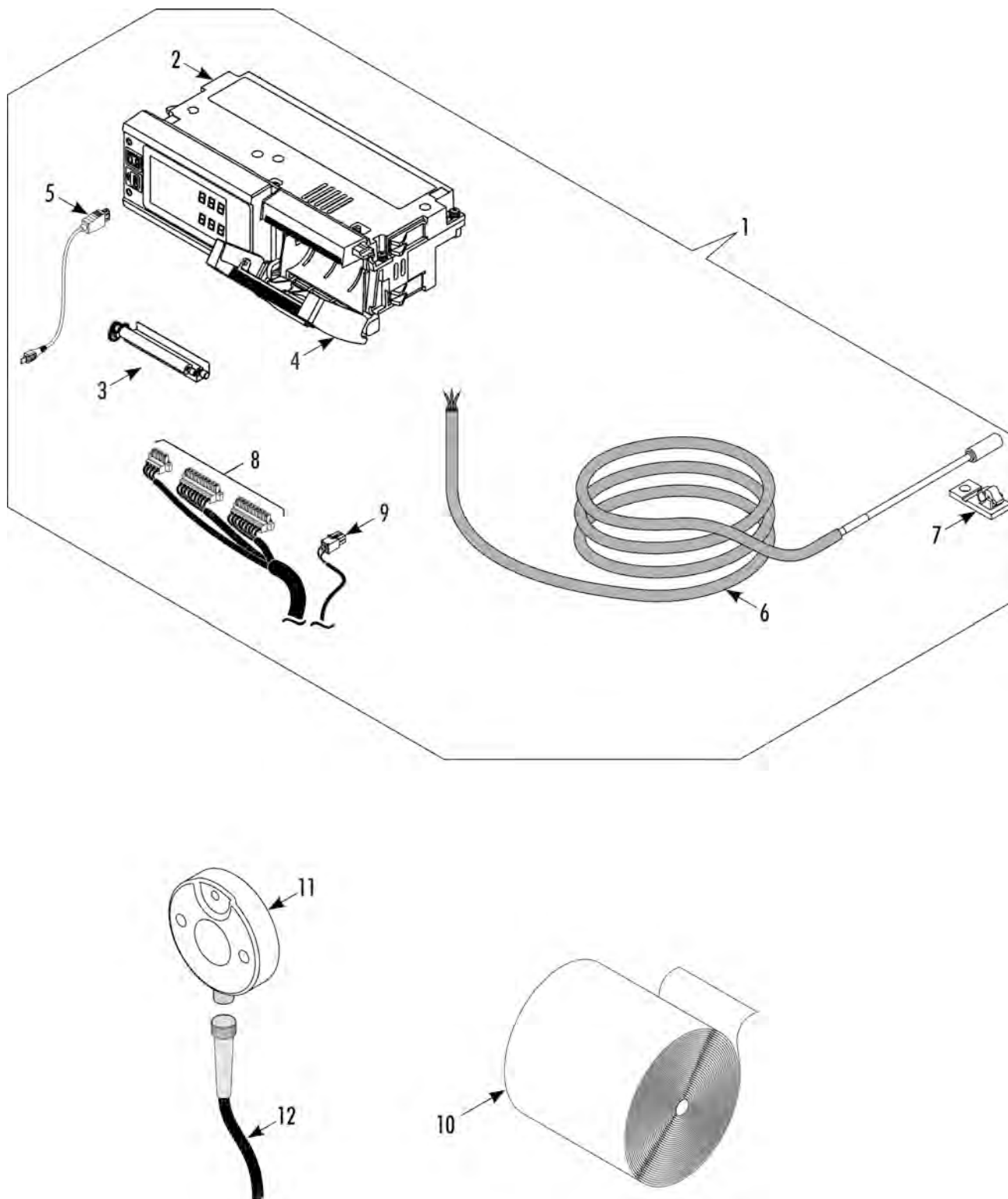
Revised
10/06/17

TouchPrint DATALOGGER (North America)

**290H6**

REF	PART NO.	DESCRIPTION	QTY
1	401192	KIT - TouchPrint, standard (1S, see 290H7)	1
	401193	KIT - TouchPrint, Premium (3S, see 290H7)	1
2	401230	HARNESS - serial port (optional, use with 401193 Premium only)	1
3	902613	KIT - enclosure box	1
4	512652	* GRIP - harness (standard, 7 mm)	A/R
	512653	* GRIP - harness (reduced, 5.5 mm)	A/R
	512654	* LOCKNUT	5
5	421236	* HARNESS - power	1
6	421235	* HOLDER - fuse	1
7	413080	* FUSE 2A	1
8	421238	* PANEL - TouchPrint	1
	512656	* SCREW - panel	4
9	NSS	* ENCLOSURE	1
10	933338	** DOOR (w/ nameplate)	1
11	931237	** PIN - door hinge	1
	512657	** WASHER - hinge (top)	1
	512658	** LOCKWASHER - hinge (bottom)	1
	512655	** SCREW - box to trailer	4
12	902711	** KIT - latch & hinge	1
13	2050875	PAPER - thermal (pack of 10)	1
14	400907	KIT - door switch (optional)	1
15	420474	SENSOR - Cargo Watch, handheld (optional)	1
16	419836	SENSOR - humidity (RS 485, 4 pin, optional, use w/ premium only)	1
17	420374	CABLE - supply (RS 485, 4 pin, 9.8 ft, optional, use w/ premium only)	1

NOTE: See Parts Bulletin PB1562 for more information.

290H7**TouchPrint DATALOGGER (North America)**Revised
10/06/17

Revised
10/06/17**TouchPrint DATALOGGER (North America)****290H7**

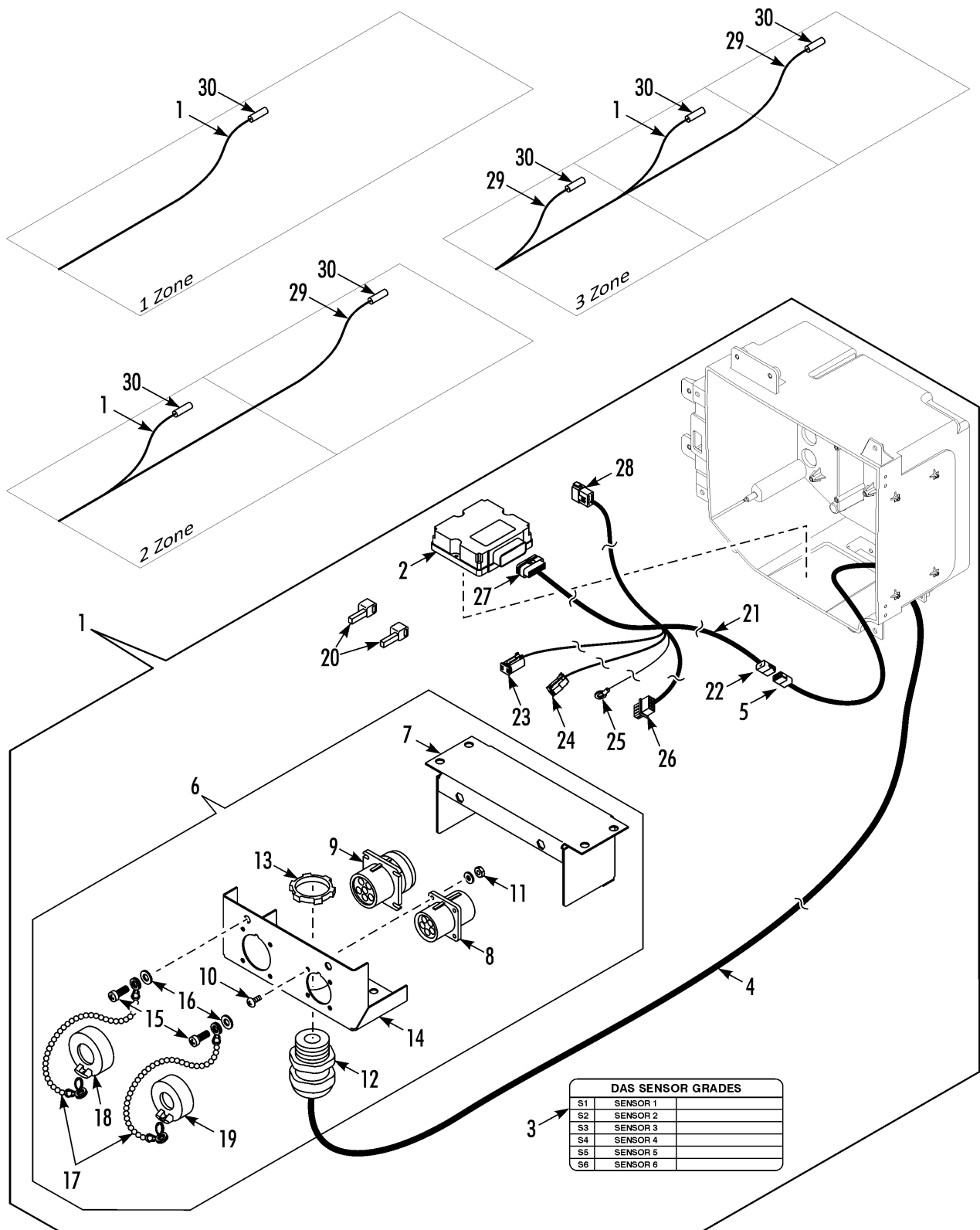
REF	PART NO.	DESCRIPTION	QTY
1	401192	KIT - TouchPrint, standard (1S port, includes 452544, items 3, 4, 5 & 6)	1
	401193	KIT - TouchPrint, premium (3S port, includes 452545, items 3, 4, 5 & 6)	1
2	NSS	TouchPrint - datalogger (1 serial port)	1
	NSS	TouchPrint - datalogger (3 serial port)	1
3	421022	MECHANISM - printer	1
4	931268	COVER - printer	1
5	420969	CABLE - USB (short, female, mini)	1
	420970	CABLE - USB (long, laptop)	1
6	420966	SENSOR - thermistor (30 ft)	1
	421546	SENSOR - thermistor (40 ft)	1
	420967	SENSOR - thermistor (60 ft)	1
	420968	SENSOR - thermistor (80 ft, optional)	1
7	512385	HOLDER - sensor (set of 10)	1
8	420990	CONNECTOR - set of three (4 pin and two 9 pin)	1
9	401230	HARNESS - service watch (included only with 401193)	1
10	2050875	PAPER - thermal (pack of 10)	1
11	419836	SENSOR - humidity (RS 485, 4 pin, optional, use w/ premium only)	1
12	420374	CABLE - supply (RS 485, 4 pin, 9.8 ft, optional, use w/ premium only)	1

NOTE: See Parts Bulletin PB1562 for more information.

235H9



DAS CONTROL BOX

Revised
09/25/17

Revised
09/25/17

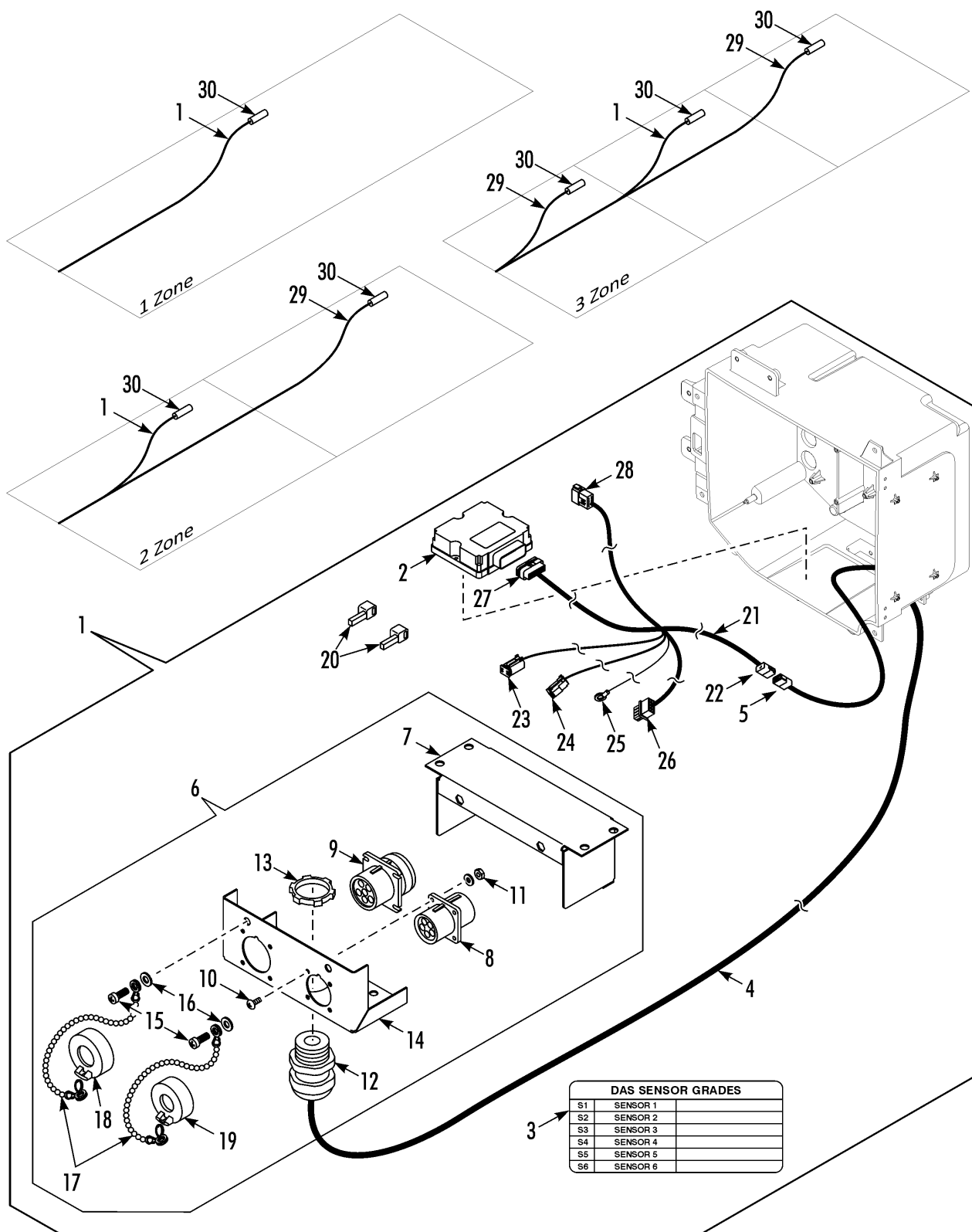
DAS CONTROL BOX



235H9

REF	PART NO.	DESCRIPTION	QTY
1	401125	KIT - DAS (EMEIA, 1 zone, incl sensor and 20 ft harness)	1
2	452247	* DATALOGGER - DAS IV	1
	2030439	** BATTERY	1
3	919305TKA	* NAMEPLATE - DAS Sensor Grade	1
4	418743	* HARNESS - DAS communications	1
5	449904	** RECEPTACLE - 12-pin	1
	449905	** WEDGE - 12-pin	1
	449591	** PIN - terminal (18 ga)	18
	449894	** PIN - sealing	3
6	415367	* BOX ASSEMBLY - DAS	1
7	919585TKA	** BOX - DAS	1
8	412405	** CONNECTOR - receptacle (5-pin)	1
9	448329	** RECEPTACLE (6-pin)	1
10	553427	** SCREW - receptacle	8
	552359	** FLATWASHER	16
11	552361	** NUT	8
12	556742TKA	** CONNECTOR - harness grip	1
13	552635	** NUT	1
14	919586TKA	** COVER - box	1
15	553025	** SCREW - cover	4
16	552001	** FLATWASHER	4
17	993685	** CHAIN	2
18	412406	** CAP - dust	1
19	448333	** CAP - dust	1
20	552332	* BANDWRAP	2
21	418703	* HARNESS - DAS	1
22	417585	** PLUG - 12-pin (to DAS remote box)	1
	417586	** WEDGE - 12-pin	1

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

235H9**DAS CONTROL BOX**Revised
09/25/17

Revised
09/25/17

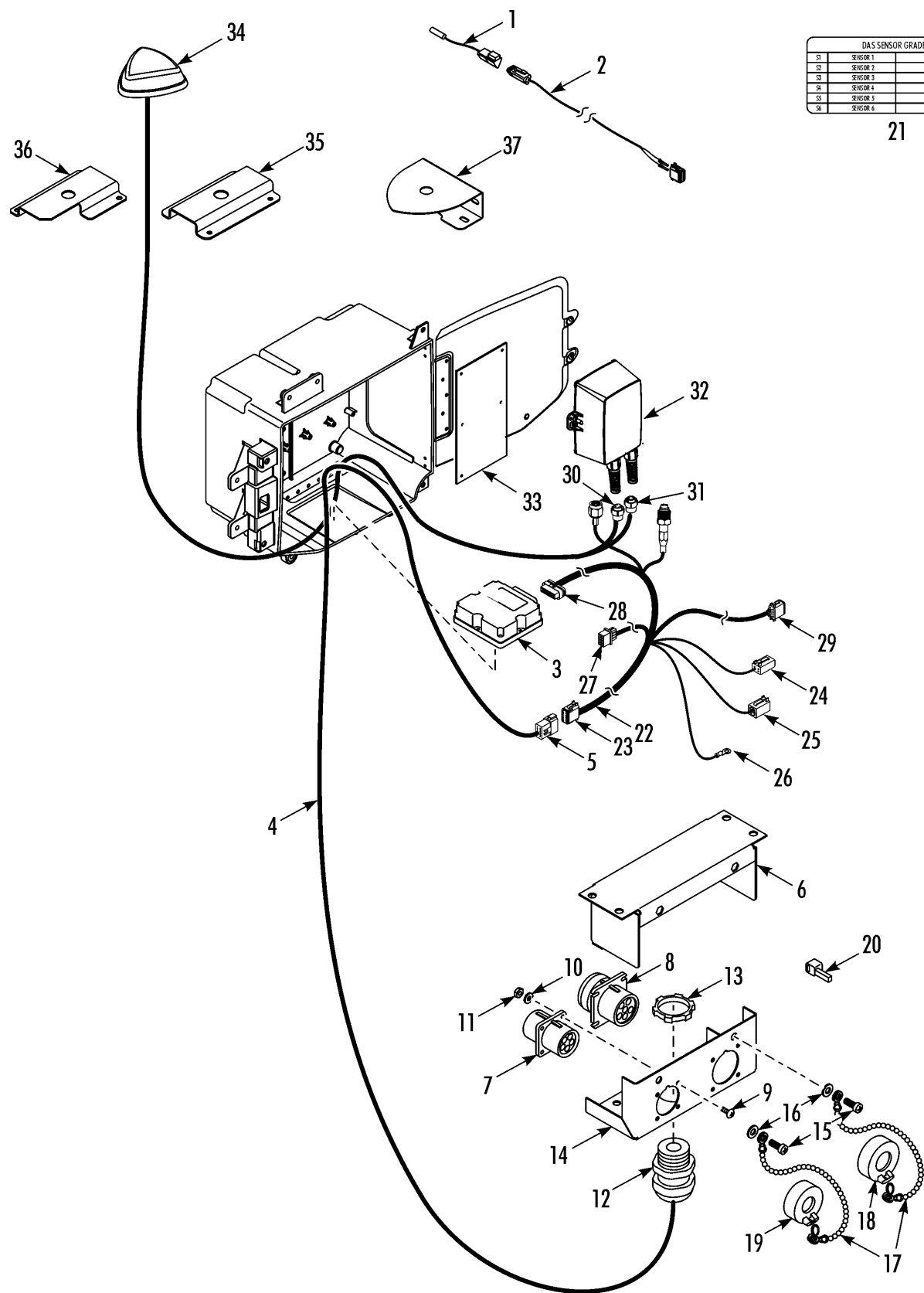
DAS CONTROL BOX

**235H9**

REF	PART NO.	DESCRIPTION	QTY
23	418736	** PLUG - 4-pin (J DAS IN)	1
	418815	** WEDGE - 4-pin	1
24	418733	** PLUG - 2-pin (J DAS OUT)	1
	418820	** WEDGE - 2-pin	1
	449587	** SOCKET 18GA	6
25	442789TKA	** TERMINAL - ring (ground)	1
26	415709	** PLUG - 8-pin (comm harness)	1
	333908	** GASKET - 8-pin plug	1
	412457	** SOCKET (18 ga)	8
	416256	** SEAL - wire	5
27	413359	** PLUG - 35-pin (DAS)	1
	412457	** SOCKET - terminal (18 ga)	29
28	418834	** RECEPTACLE - 12-pin (sensor harness)	1
	418835	** WEDGE - 12-pin	1
	449591	** PIN - terminal (18 ga)	12
29	401132	KIT - DAS SENSOR (2 zone & 3 zone, 10 ft & 40 ft sensor harnesses, does not include DAS module)	A/R
	412985	* HARNESS - sensor (10 ft)	1
	412986	* HARNESS - sensor (40 ft)	2
30	419657	* SENSOR	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.

259G5
DAS IV/TracKing CONTROL BOX (5/12 & after)

 Revised
09/26/17


DAS SENSOR GRADES	
31	SENSOR 1
32	SENSOR 2
33	SENSOR 3
34	SENSOR 4
35	SENSOR 5
36	SENSOR 6

21

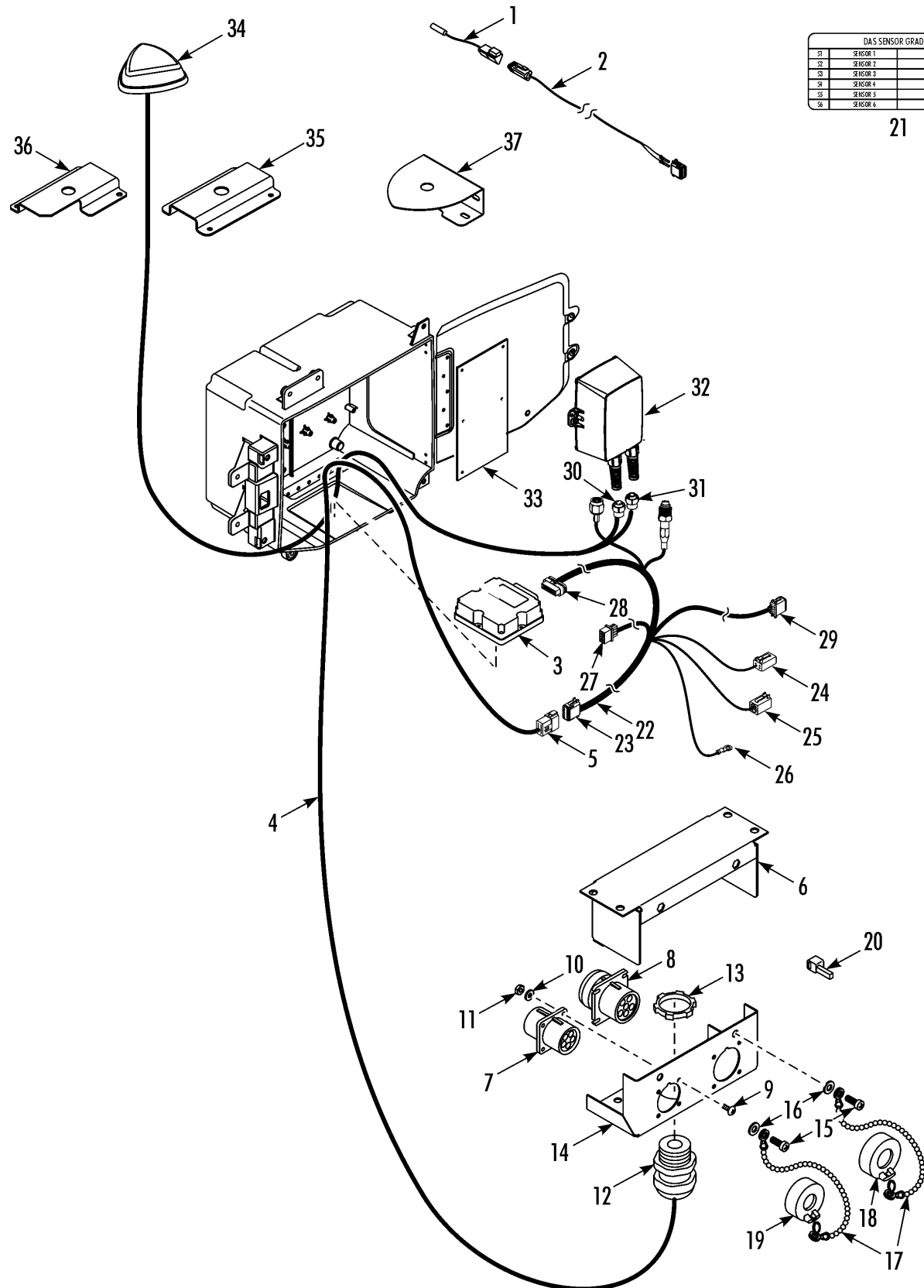
Revised
09/26/17**DAS IV/TracKing CONTROL BOX (5/12 &
after)****259G5**

REF	PART NO.	DESCRIPTION	QTY
1	400974	KIT - sensor	A/R
2	413015	HARNESS - sensor (10 ft)	A/R
	412985	HARNESS - sensor (20 ft)	A/R
	412986	HARNESS - sensor (40 ft)	A/R
3	452247	DATALOGGER - DAS IV	1
	2030439	* BATTERY	1
4	418743	HARNESS - DAS sensors	1
5	449904	* RECEPTACLE - 12-pin	1
	449905	* WEDGE - 12-pin	1
	449591	* TERMINAL - pin (16-18 ga)	18
	449894	* PIN - sealing	3
	415367	BOX ASSEMBLY - DAS	1
6	919585TKA	* BOX - DAS	1
7	412405	* CONNECTOR - receptacle (5-pin)	1
8	448329	* RECEPTACLE (6-pin)	1
9	553427	* SCREW - receptacle	8
10	552359	* FLATWASHER	16
11	552361	* NUT	8
12	556742TKA	* CONNECTOR - harness grip	1
13	552635	* NUT	1
14	919586TKA	* COVER - box	1
15	553025	* SCREW - cover	4
16	552001	* FLATWASHER	4
17	993685	* CHAIN	2
18	412406	* CAP - dust	1
19	448333	* CAP - dust	1
20	552332	BANDWRAP	2
21	919305TKA	NAMEPLATE - DAS Sensor Grade	1
22	418943	HARNESS - DAS w/ TracKing GPRS	1
	419518	HARNESS TRACKING SR2	1

259G5



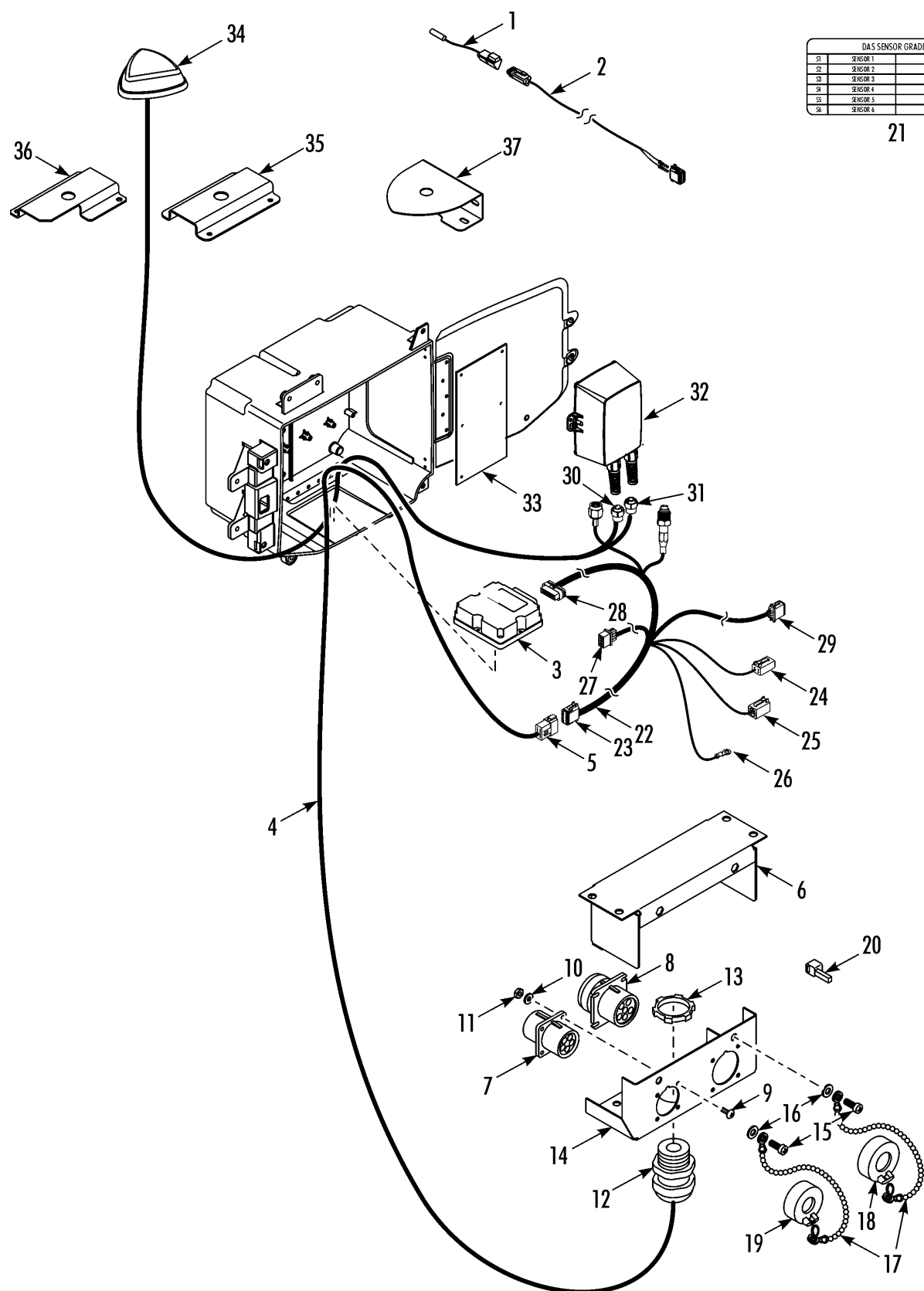
DAS IV/TracKing CONTROL BOX (5/12 & after)

 Revised
09/26/17


Revised
09/26/17**DAS IV/TracKing CONTROL BOX (5/12 &
after)****259G5**

REF	PART NO.	DESCRIPTION	QTY
23	417585	* PLUG - 12-pin (to DAS remote box)	1
	417586	* WEDGE - 12-pin	1
	412457	* SOCKET (18 ga)	9
24	418736	* PLUG - 4-pin (J DAS IN)	1
	418815	* WEDGE - 4-pin	1
25	418733	* PLUG - 2-pin (J DAS OUT)	1
	418820	* WEDGE - 2-pin	1
	449587	* SOCKET 18GA	5
26	442789TKA	* TERMINAL - ring (blue 1/4, 14-16 ga)	1
27	415709	* PLUG - 8-pin (communication harness)	1
	333908	* GASKET - 8-pin plug	1
	415719	* SOCKET - gold (18 ga)	5
	416256	* SEAL - wire	5
28	413359	* PLUG - 35-pin (DAS)	1
	412457	* SOCKET - terminal (18 ga)	29
29	418834	* RECEPTACLE - 12-pin (sensor harness)	1
	418835	* WEDGE - 12-pin	1
	449591	* TERMINAL - pin (16-18 ga)	12
30	418947	* PLUG 7-pin (TracKing module)	1
31	418948	* PLUG 5-pin (TracKing module)	1
	418949	* SOCKET - 20 ga	9
	401167	KIT - TracKing (EU SIM)	1
	401168	KIT - TracKing (UK SIM)	1
	401166	KIT - TracKing (less SIM)	1
32	419517	MODULE - TracKing (EU & UK SIM)	1
	419516	MODULE - TracKing (TSA SIM)	1
	420436	MODULE - TracKing (T-Mobile SIM)	1
	554606	SCREW - module	4
	557478	LOCKWASHER	4
	554638	FLATWASHER	4

259G5
DAS IV/TracKing CONTROL BOX (5/12 & after)

 Revised
09/26/17


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

21

Revised
09/26/17

**DAS IV/TracKing CONTROL BOX (5/12 &
after)**



259G5

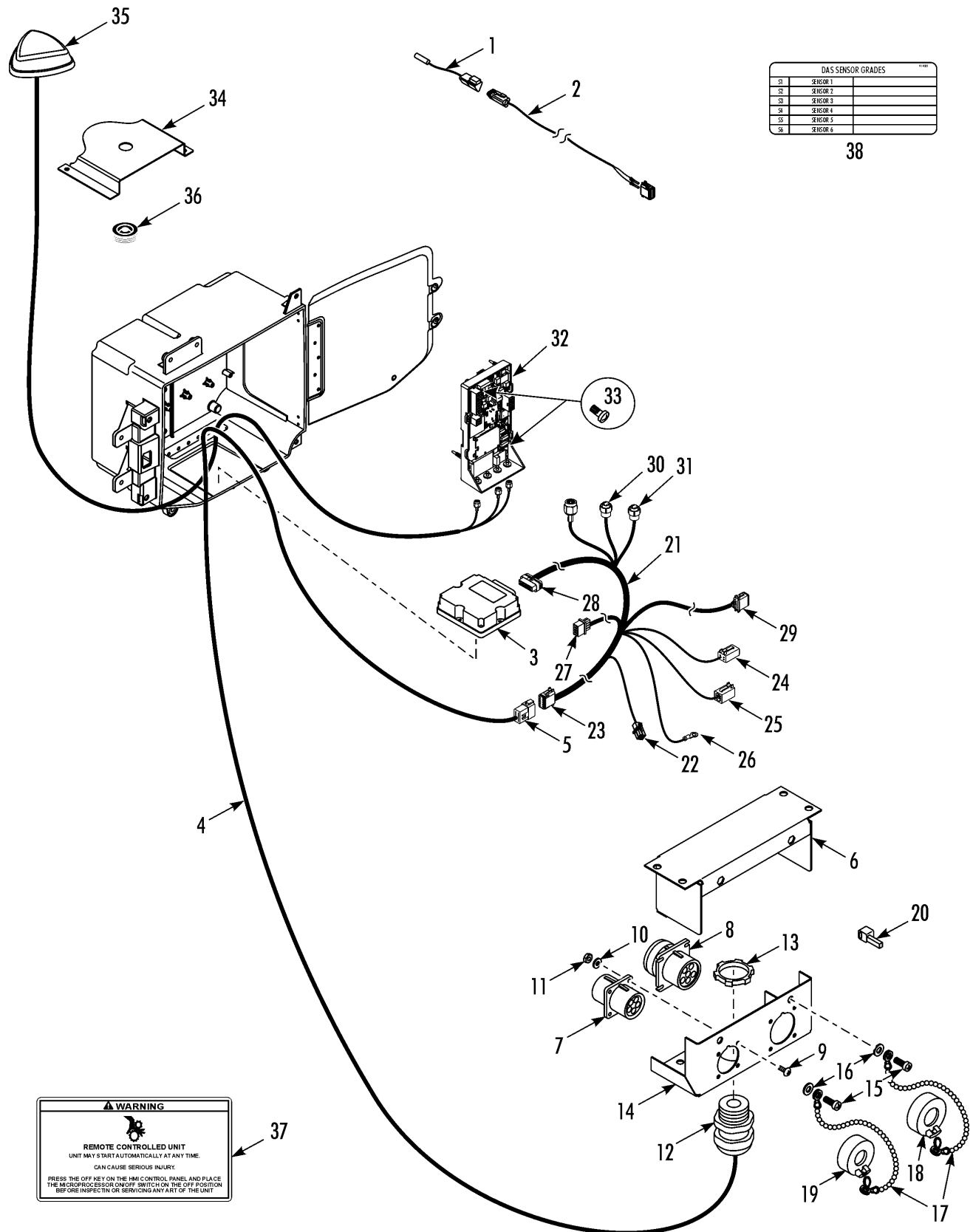
REF	PART NO.	DESCRIPTION	QTY
33	929744	BRACKET - module (EU & UK)	1
	928524	BRACKET - module (TSA)	1
34	419902	ANTENNA - GPS-GPRS (EU & UK, 5M)	1
	418755	ANTENNA - GPS-GPRS (TSA, 1.5M)	1
	419901	ANTENNA - GPS-GPRS-WIFI (TSA, 1.5M)	1
	421144	ANTENNA - REB, GPS-GSM-WIFI (2M)	1
35	927794	BRACKET - antenna	1
36	931169	BRACKET - antenna	1
37	931449	BRACKET - antenna	1
	511913	SCREW - bracket	4

290E4



DAS IV/TracKing CONTROL BOX (5/12 & after, w/ factory installed REB)

Revised
09/21/17



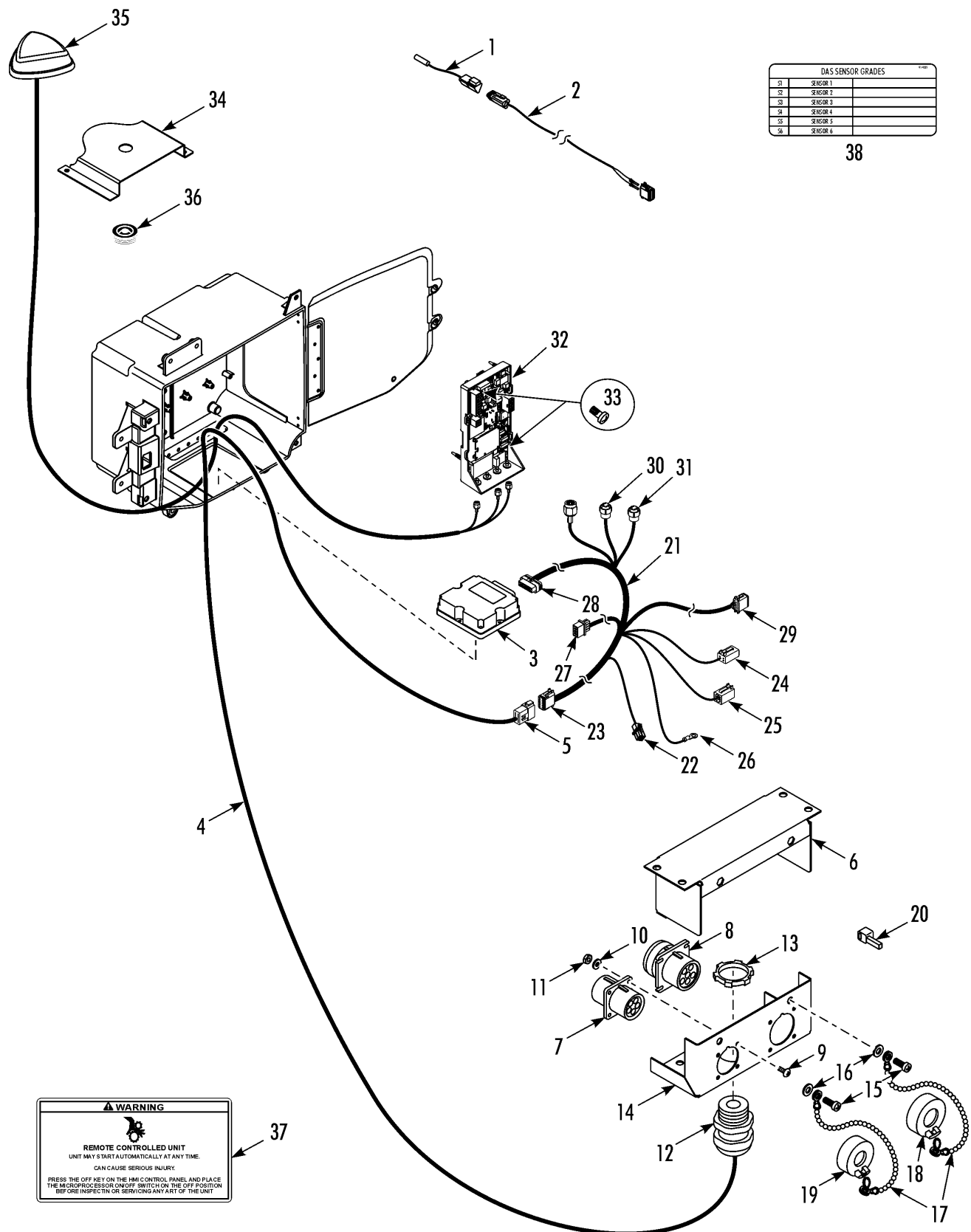
Revised
09/21/17**DAS IV/TracKing CONTROL BOX (5/12 &
after, w/ factory installed REB)****290E4**

REF	PART NO.	DESCRIPTION	QTY
1	400974	KIT - sensor	A/R
2	413015	HARNESS - sensor (10 ft)	A/R
	412985	HARNESS - sensor (20 ft)	A/R
	412986	HARNESS - sensor (40 ft)	A/R
3	452247	DATALOGGER - DAS IV	1
	2030439	* BATTERY	1
4	418743	HARNESS - DAS sensors	1
5	449904	* RECEPTACLE - 12-pin	1
	449905	* WEDGE - 12-pin	1
	449591	* TERMINAL - pin (16-18 ga)	18
	449894	* PIN - sealing	3
	415367	BOX ASSEMBLY - DAS	1
6	919585TKA	* BOX - DAS	1
7	412405	* CONNECTOR - receptacle (5-pin)	1
8	448329	* RECEPTACLE (6-pin)	1
9	553427	* SCREW - receptacle	8
10	552359	* FLATWASHER	16
11	552361	* NUT	8
12	556742TKA	* CONNECTOR - harness grip	1
13	552635	* NUT	1
14	919586TKA	* COVER - box	1
15	553025	* SCREW - cover	4
16	552001	* FLATWASHER	4
17	993685	* CHAIN	2
18	412406	* CAP - dust	1
19	448333	* CAP - dust	1
20	552332	BANDWRAP	2
21	418943	HARNESS - DAS w/ TracKing GPRS	1
22	415710	* PLUG (4 pin)	1
	415719	* SOCKET (20-16 ga)	2

290E4



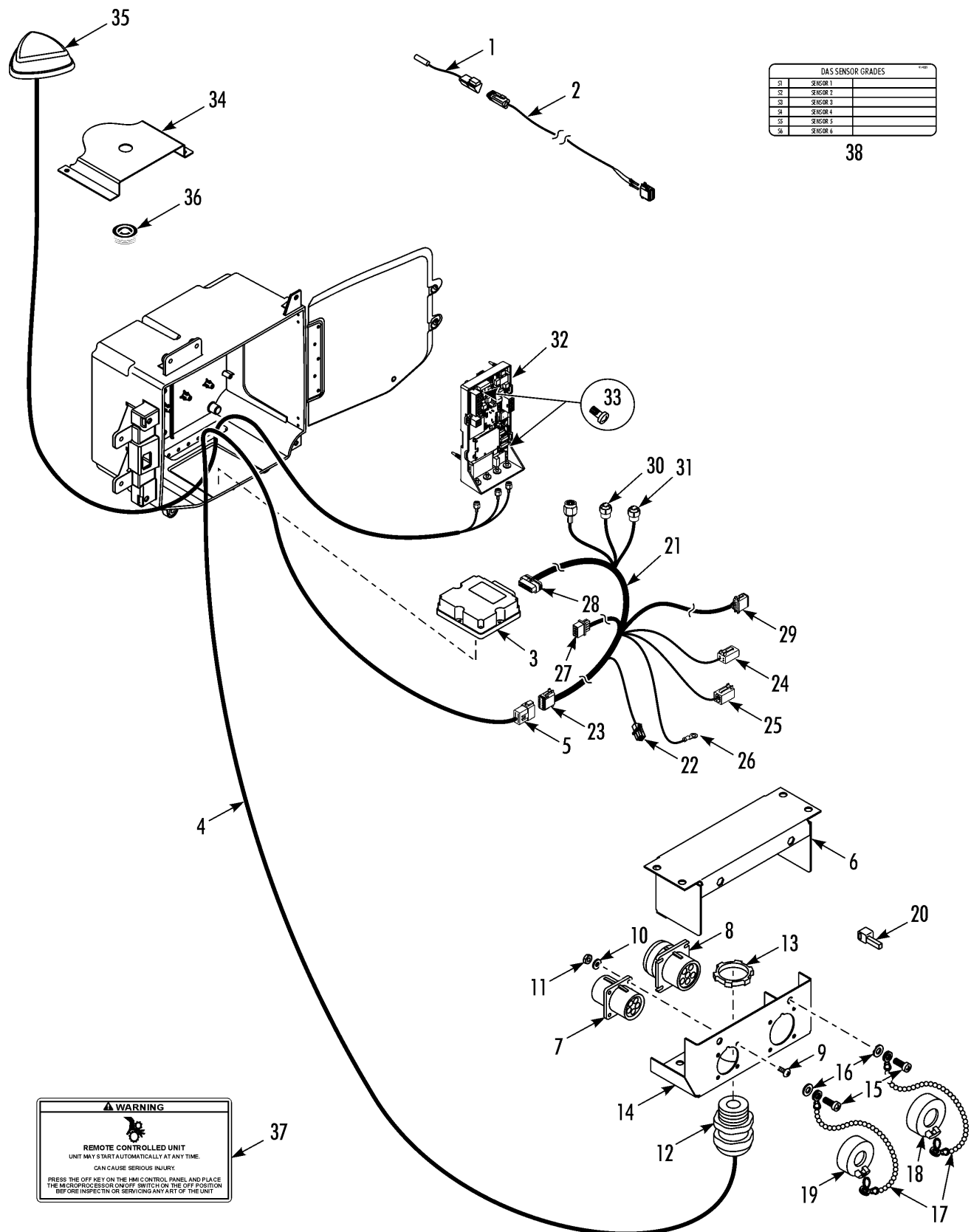
DAS IV/TracKing CONTROL BOX (5/12 & after, w/ factory installed REB)

Revised
09/21/17


Revised
09/21/17**DAS IV/TracKing CONTROL BOX (5/12 &
after, w/ factory installed REB)****290E4**

REF	PART NO.	DESCRIPTION	QTY
	416256	* SEAL - wire	2
	333909	* GASKET - plug	1
23	417585	* PLUG - 12-pin (to DAS remote box)	1
	417586	* WEDGE - 12-pin	1
	412457	* SOCKET (18 ga)	9
24	418736	* PLUG - 4-pin (J DAS IN)	1
	418815	* WEDGE - 4-pin	1
25	418733	* PLUG - 2-pin (J DAS OUT)	1
	418820	* WEDGE - 2-pin	1
	449587	* SOCKET 18GA	5
26	442789TKA	* TERMINAL - ring (blue 1/4, 14-16 ga)	1
27	415709	* PLUG - 8-pin (communication harness)	1
	333908	* GASKET - 8-pin plug	1
	415719	* SOCKET - gold (18 ga)	5
	416256	* SEAL - wire	5
28	413359	* PLUG - 35-pin (DAS)	1
	412457	* SOCKET - terminal (18 ga)	29
29	418834	* RECEPTACLE - 12-pin (sensor harness)	1
	418835	* WEDGE - 12-pin	1
	449591	* TERMINAL - pin (16-18 ga)	12
30	418947	* PLUG 7-pin (TracKing module)	1
31	418948	* PLUG 5-pin (TracKing module)	1
	418949	* SOCKET - 20 ga	9
	401167	KIT - TracKing (EU SIM)	1
	401168	KIT - TracKing (UK SIM)	1
	401166	KIT - TracKing (less SIM)	1
32	421362	RADIO EXPANSION BOARD - GPS+WIFI N CERT	1
33	512132	SCREW - REB	2
34	933445	BRACKET - antenna	1
	559761	SCREW - bracket	4

290E4
DAS IV/TracKing CONTROL BOX (5/12 & after, w/ factory installed REB)

 Revised
09/21/17


Revised
09/21/17

**DAS IV/TracKing CONTROL BOX (5/12 &
after, w/ factory installed REB)**



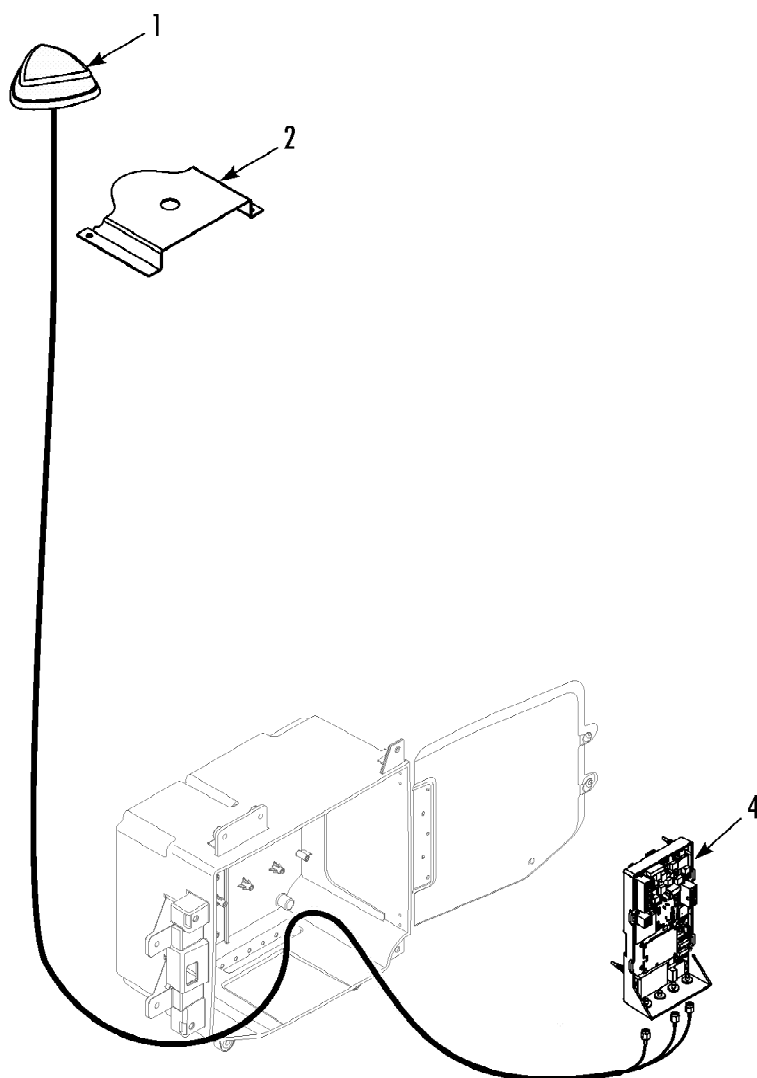
290E4

REF	PART NO.	DESCRIPTION	QTY
35	421144	ANTENNA - GPS- GSM- WIF (2M)	1
36	330572	GROMMET	1
37	927100	NAMEPLATE - Warning Remote Control	2
38	919305TKA	NAMEPLATE - DAS Sensor Grade	1

319D1



REB TracKing w/ SR-3

Revised
02/26/18

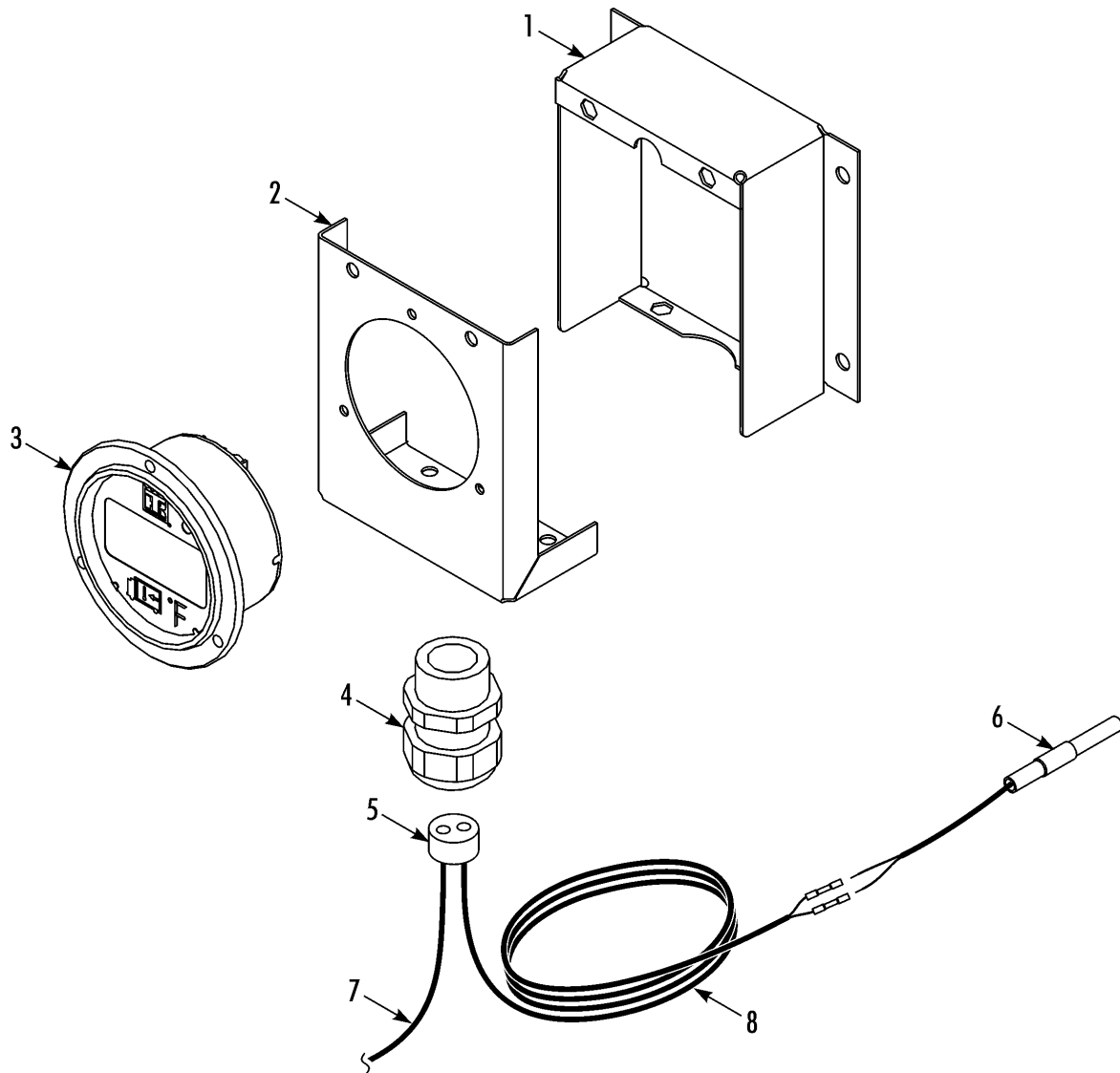
Revised
02/26/18

REB TracKing w/ SR-3



319D1

REF	PART NO.	DESCRIPTION	QTY
	401315	KIT - REB SR-3	1
1	421144	* ANTENNA - GPS- GSM- WIF (2M)	1
2	933445	* BRACKET - antenna	1
	903628	* KIT - hardware	1
3	927100	* NAMEPLATE - Warning Remote Control	1
4	421754	RADIO EXPANSION BOARD - 3G O2	1
	421755	RADIO EXPANSION BOARD - 3G T-Mobil	1
	421756	RADIO EXPANSION BOARD - 3G T-Mobil WiFi	1
	421757	RADIO EXPANSION BOARD - 3G O2 WiFi	1

238D5**EZ READ THERMOMETER**Revised
09/26/17

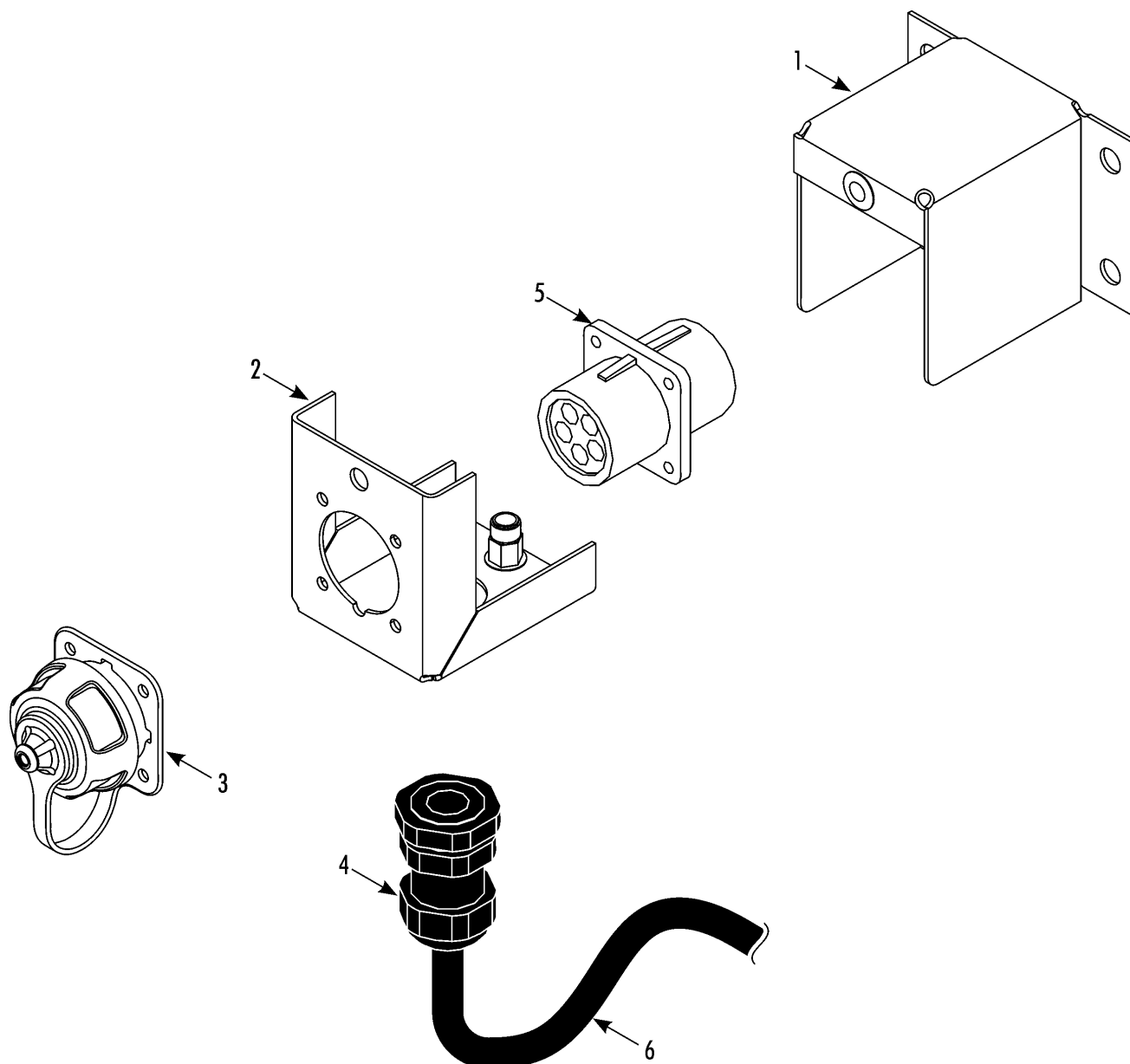
Revised
09/26/17

EZ READ THERMOMETER



238D5

REF	PART NO.	DESCRIPTION	QTY
1	927931	BASE - thermometer	1
2	927932	COVER - thermometer	1
	553015	SCREW - cover	4
	552001	FLATWASHER	4
	558752	INSERT - threaded	4
3	412590	THERMOMETER - F (EZ read LCD)	1
	412591	THERMOMETER - C (EZ read LCD)	1
	551384	SCREW - thermometer	3
	553014	LOCKWASHER	3
	553013	FLATWASHER	3
	552999	NUT	3
4	416950	GRIP - harness	1
5	334523	BUSHING	1
6	410418	SENSOR	1
	550547	CLAMP - sensor	1
7	419105	HARNESS - thermometer	1
8	422348	HARNESS - sensor (10 ft)	1

267A8**DOWNLOAD BOX**Revised
09/27/17

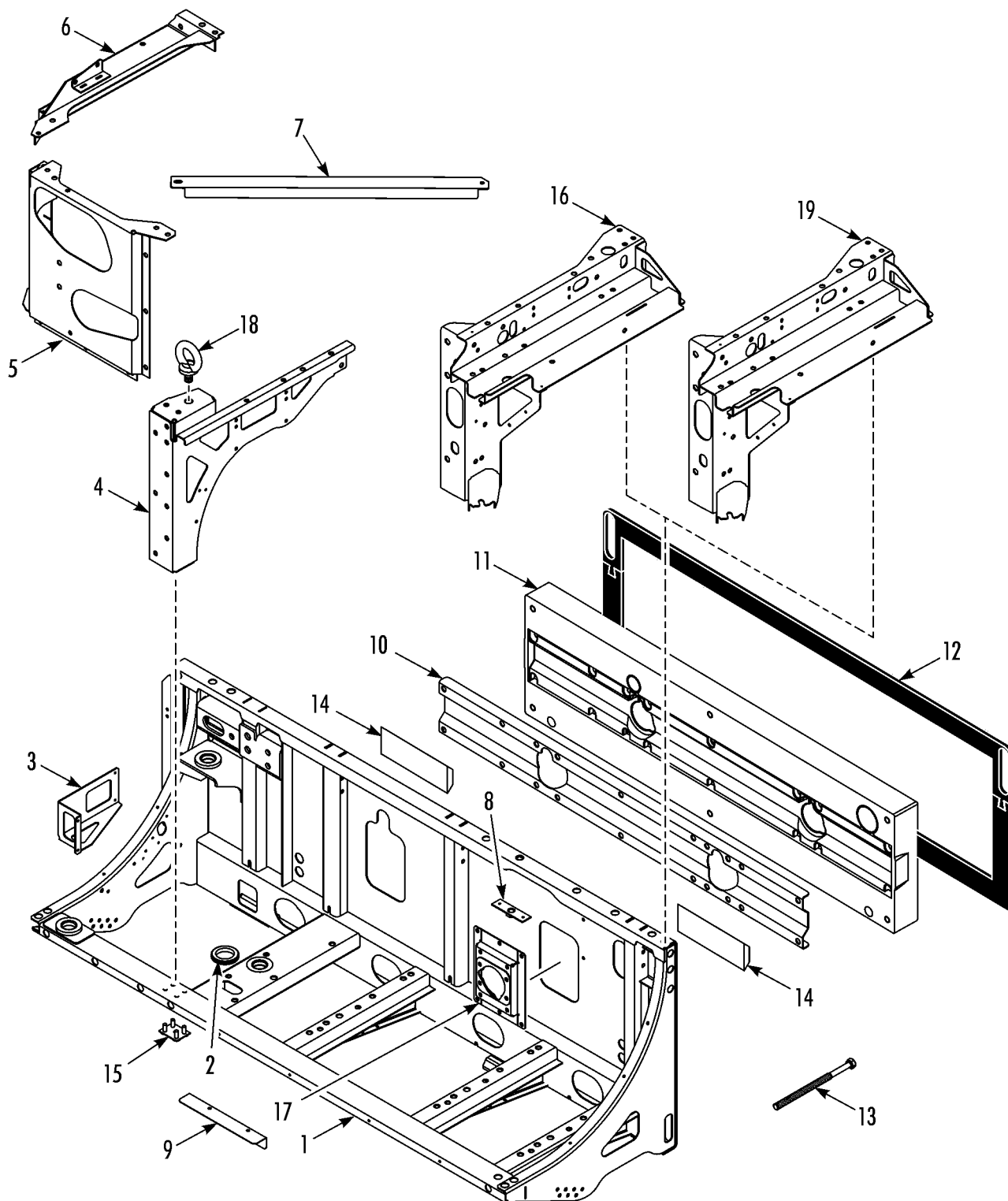
Revised
09/27/17

DOWNLOAD BOX



267A8

REF	PART NO.	DESCRIPTION	QTY
	452386	REMOTE PORT - service watch	1
1	927933	* BOX - download (top)	1
2	927934	* BOX - download (bottom)	1
	557407	* SCREW - box	2
	557089	* FLATWASHER	2
	512130TKA	* INSERT - threaded	2
3	923067	* CAP - dust	1
	553272	* RIVET - cap	4
	557830	* FLATWASHER	4
4	556409	* GRIP - harness	1
5	412405	* RECEPTACLE - 5 pin	1
	449602	* PIN - sealing	1
6	419038	* HARNESS - download	1

233H7**CONDENSER FRAME GROUP**Revised
09/16/17

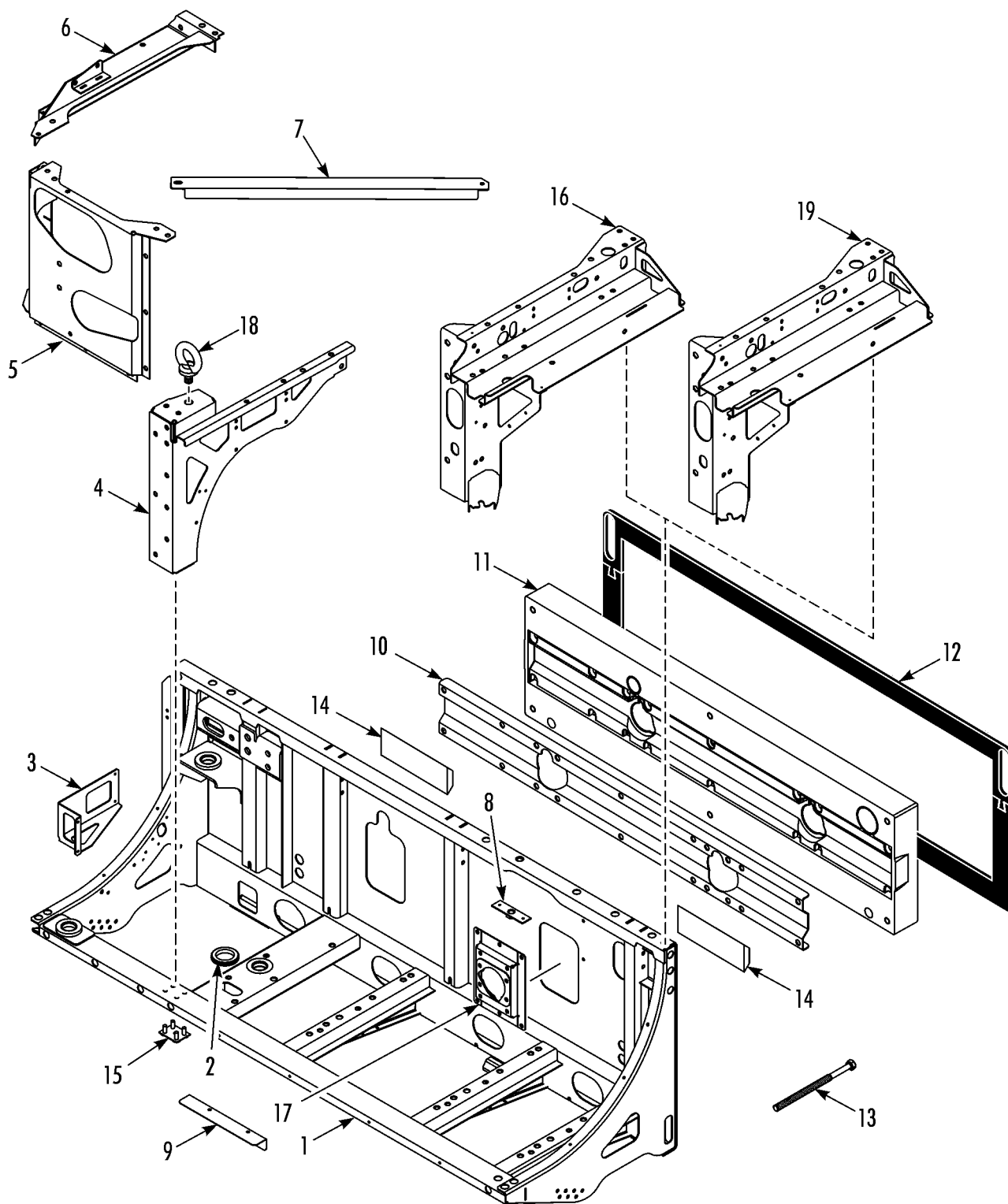
Revised
09/16/17

CONDENSER FRAME GROUP



233H7

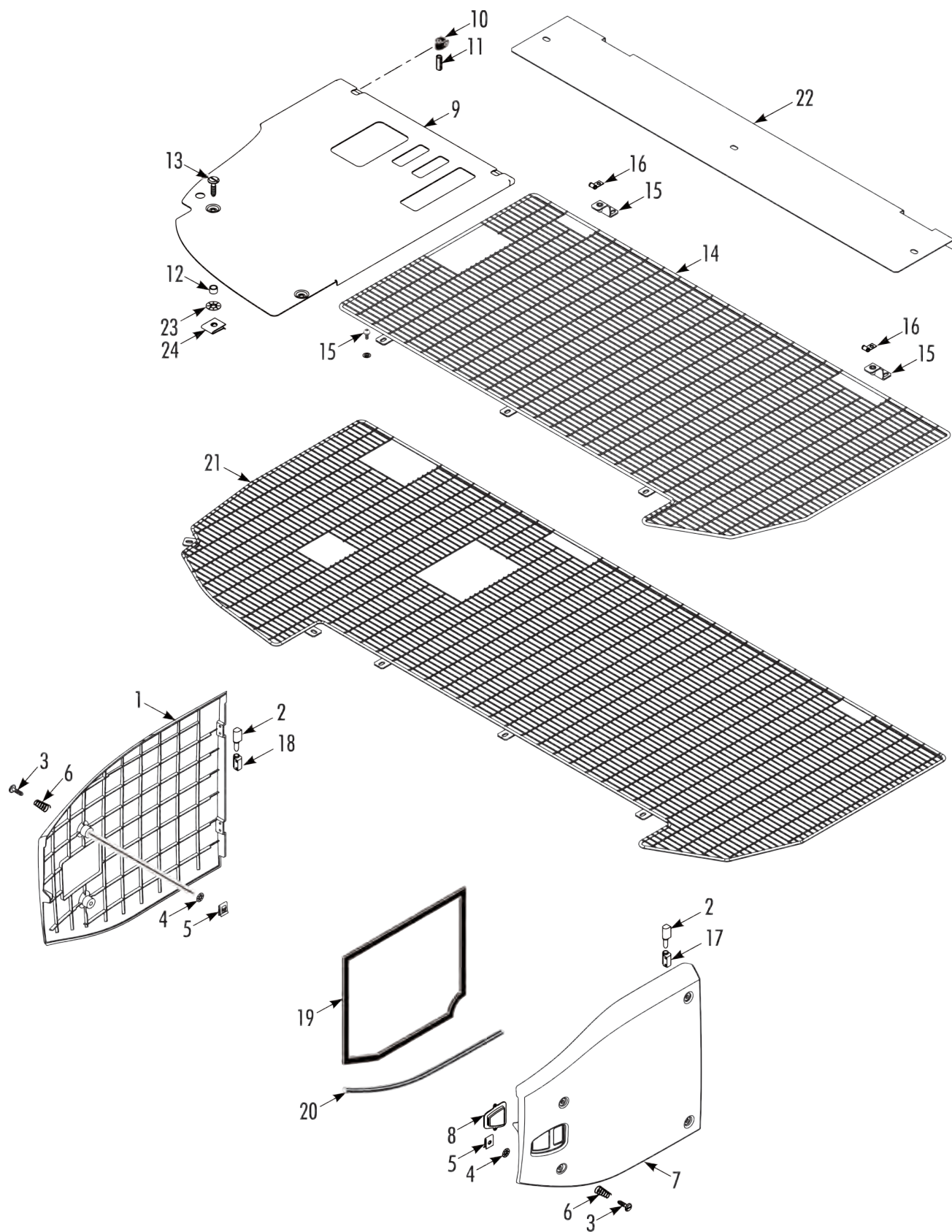
REF	PART NO.	DESCRIPTION	QTY
1	988290	FRAME - condenser	1
	559084	INSERT (M6)	25
	511880TKA	INSERT (M8)	20
2	331371	GROMMET (1.7 id)	2
3	927522TKA	MEMBER - bottom	1
4	927523TKA	ARCH - support	1
	556764	SCREW - arch	2
5	929928	BRACKET - front	1
6	927525	BRACKET - fuel filter	1
7	927526	BRACE - condenser coil	1
	556215	SCREW - bracket & support	15
	557727	LOCKWASHER	15
	557069	FLATWASHER	15
8	927642	NUTSTRIP - unit lifting	2
	559495	RIVET - nutstrip	4
9	927521TKA	BRACKET - battery cable (see 236D0)	1
10	988204	STIFFENER - evaporator	1
	555579	SCREW - stiffener (M10 x 25)	2
	556280	SCREW - stiffener (M10 x 60)	6
	551173	LOCKWASHER	8
	557072	FLATWASHER	8
11	988205	BULKHEAD	1
	988905	BULKHEAD (heat option only)	1
12	300290TKA	GASKET - sill	1
13	513156	BOLT - mounting (8.6 in lg)	A/R
	555234	WASHER - special	4
	553686	NUT	4
14	927527	BLOCK - filler (T-570/600/800)	2
15	929248	BOLTSTRIP	1
	559495	RIVET - boltstrip	1

233H7**CONDENSER FRAME GROUP**Revised
09/16/17

Revised
09/16/17

CONDENSER FRAME GROUP**233H7**

REF	PART NO.	DESCRIPTION	QTY
16	929654	BRACKET - valve (6/12 & after)	1
17	927784	BRACE - fanshaft	1
18	512026	BOLT - unit lifting	3
19	927544	BRACKET - valve (before 6/12)	1

235A9**DOORS & COVERS**Revised
11/06/17

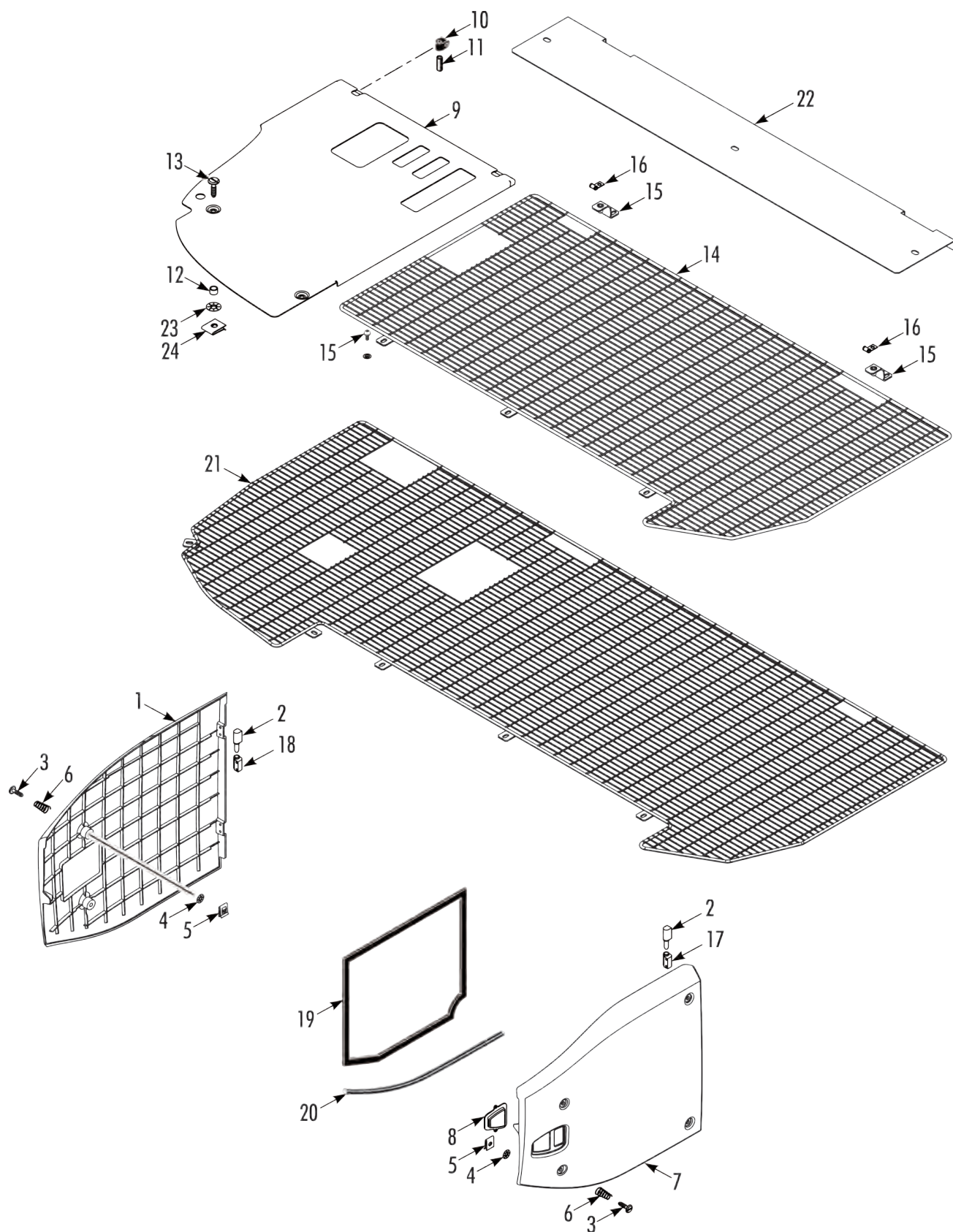
Revised
11/06/17

DOORS & COVERS



235A9

REF	PART NO.	DESCRIPTION	QTY
1	988023	DOOR - engine (curbside)	1
2	927930	* HINGE - door (with pin, 2 per door)	4
	557407	* SCREW - hinge	8
	557171	* LOCKWASHER	8
	557089	* FLATWASHER	8
3	511928	FASTENER - door	6
4	557112	WASHER - retainer	A/R
5	554318	NUT - u	A/R
6	511927	SPRING - fastener (door)	4
7	988024	DOOR - control box (roadside)	1
8	927790	* WINDOW - sightglass	1
	557409	SCREW - hinge to door	1
	557171	LOCKWASHER	1
	557089	FLATWASHER	1
9	988223	COVER - engine	1
10	556544	CLAMP - cover	2
11	998822TKA	SPACER - clamp	2
	558993	SCREW - clamp	2
	558782	WASHER - special	2
	557170	LOCKWASHER	2
	557075	FLATWASHER	2
12	556023TKA	SPACER - fastener	2
	557170	LOCKWASHER	4
13	559122	SCREW - cover (quick turn, before 2/10)	2
	511926	SCREW - cover (threaded, 2/10 & after)	2
	558536	FLATWASHER (quick turn/ threaded screw)	2
14	988214	SCREEN - top (before 10/16)	1
	989655	SCREEN - top (10/16 & after)	1
	510718	SCREW - screen (16mm)	3
	511926	SCREW - screen (25mm)	2

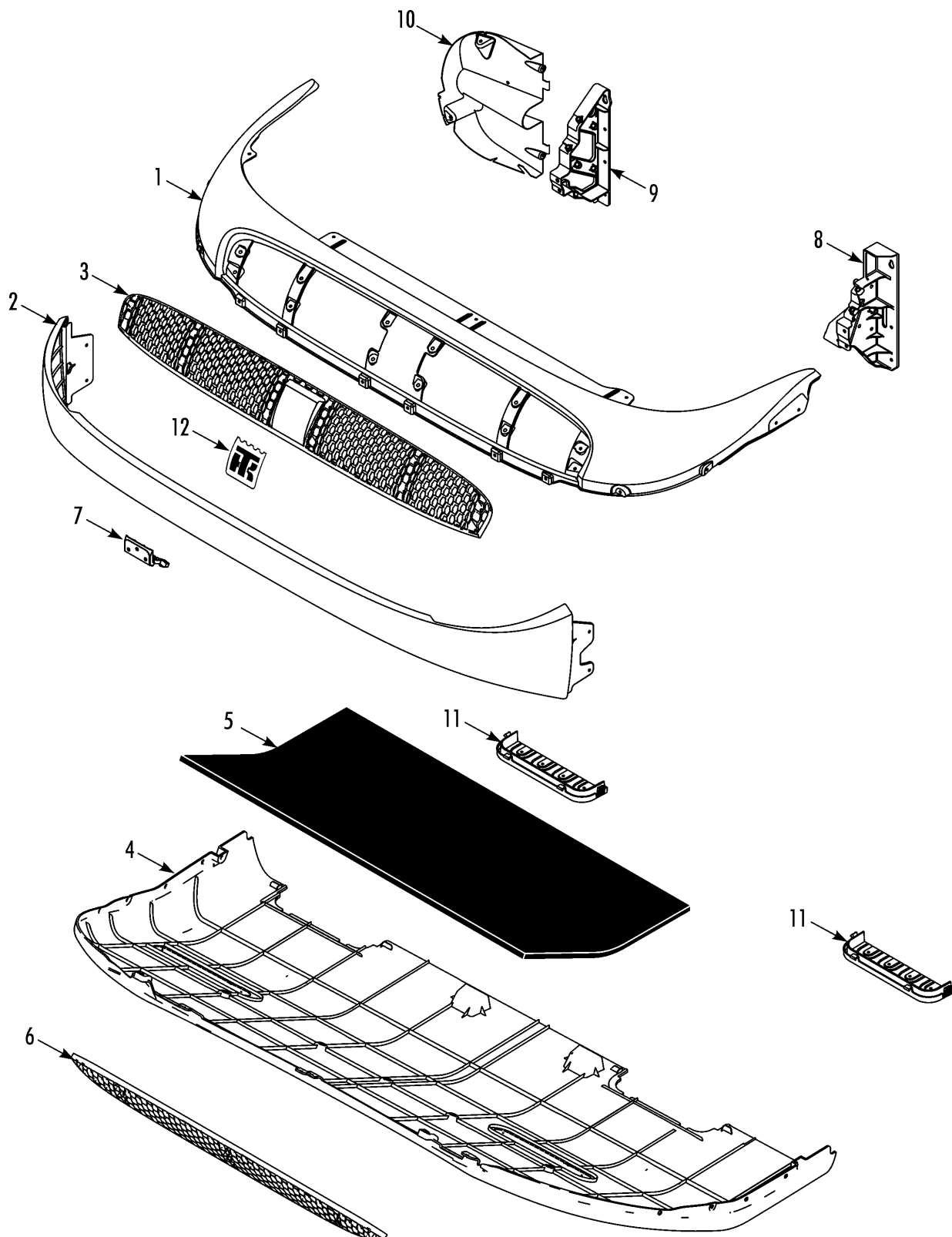
235A9**DOORS & COVERS**Revised
11/06/17

Revised
11/06/17

DOORS & COVERS

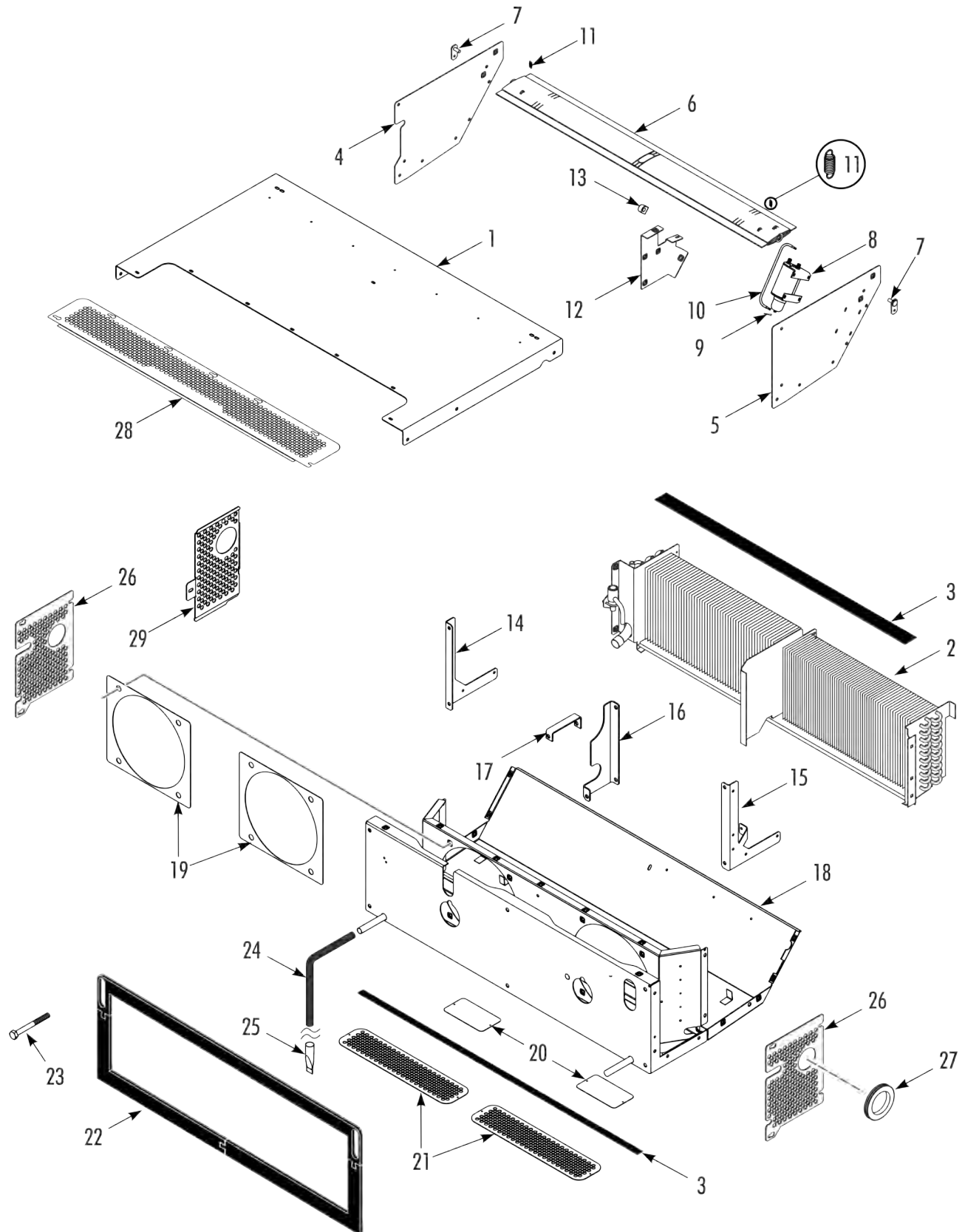
**235A9**

REF	PART NO.	DESCRIPTION	QTY
	558782	WASHER - special	3
15	929224	BRACKET - clamp	2
	511926	SCREW - clamp (25mm)	4
	558782	WASHER - special	4
16	552536	CLAMP - screen	2
17	918726	HINGE - left (control box door)	2
18	918725	HINGE - right (engine door)	2
	557407	SCREW - hinge to frame	8
	557171	LOCKWASHER	8
	557089	FLATWASHER	8
19	334504	GASKET - control box door	1
20	334522	GASKET - control box door (lower)	1
21	988474	SCREEN - top (full cover, Europe only units, before 10/16)	1
	989654	SCREEN - top (full cover, Europe only units, 10/16 & after)	1
22	929119	COVER - snow (optional)	1
	554666	SCREW - cover	3
	559428	WASHER - special	6
	557007	NUT	3
23	557112	WASHER - retainer (quick turn, before 2/10)	2
	558782	WASHER - special (threaded, 2/10 & after)	2
24	554318	NUT - u (quick turn, before 2/10)	2
	511994	NUT - u (threaded, 2/10 & after)	2

235A8**CONDENSER COVERS & GRILLES T-580R/
600/600R/800/800R**Revised
09/16/17

Revised
09/16/17**CONDENSER COVERS & GRILLES T-580R/
600/600R/800/800R****235A8**

REF	PART NO.	DESCRIPTION	QTY
1	988019	CAP - top	1
	512123	INSERT - threaded (M6)	8
	512124	INSERT - threaded (M5)	1
	511926	SCREW - cap (SEMS, 25mm)	3
	511929	SCREW - cap (SEMS, 16mm)	6
	557035	SCREW - cap (hex hd)	4
	557171	LOCKWASHER	4
	557089	FLATWASHER	4
2	988018	BAND - belly	1
	510718	SCREW - band	8
3	988211	GRILLE - upper	1
	988530	GRILLE - upper (chrome)	1
	511926	SCREW - grille	12
4	988017	PANEL - condenser (bottom)	1
5	334521	SOUNDFOAM - bottom	1
6	988025	GRILLE - lower	1
	988442	GRILLE - lower (chrome)	1
	511926	SCREW - panel	2
7	927034TKA	BRACKET - band	1
	510718	SCREW - bracket to band	3
8	927031	BRACKET - coil (roadside)	1
	510718	SCREW - bracket to cap	2
9	927030	BRACKET - coil (curbside)	1
	510718	SCREW - bracket to cap	2
10	927551	PANEL - blockoff	1
	510718	SCREW - panel to band	4
11	927552	CAP - hose management	2
12	928668TKA	NAMPLATE - TK logo	1

242G5**EVAPORATOR COMPARTMENT (1/10 & after)**Revised
10/23/17

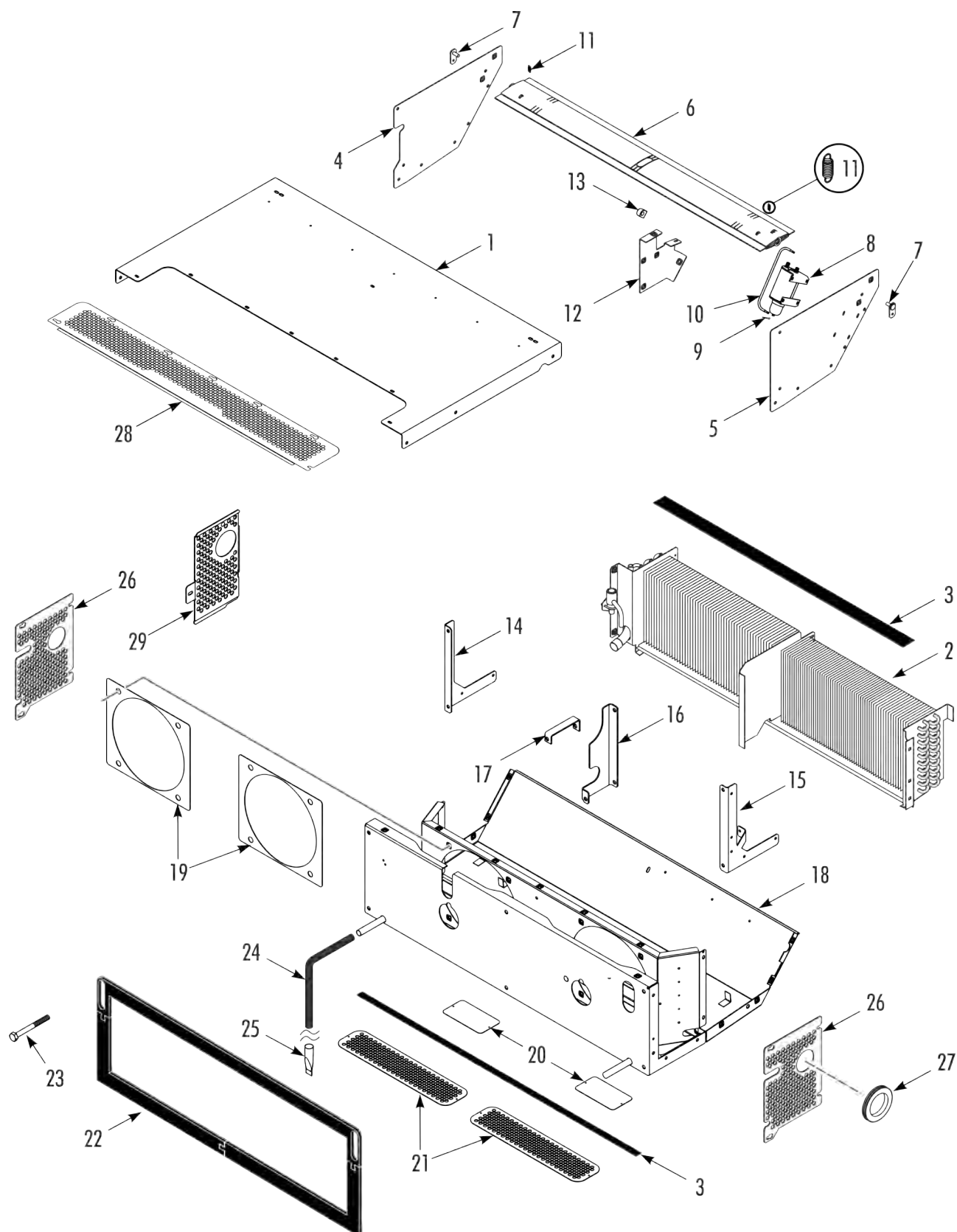
Revised
10/23/17**EVAPORATOR COMPARTMENT (1/10 &
after)****242G5**

REF	PART NO.	DESCRIPTION	QTY
1	931885	HOUSING - evaporator (North America, before 11/11)	1
	989364	HOUSING - evaporator (North America, 11/11 & after)	1
	510718	SCREW - housing (16 mm long)	8
	559761	SCREW - housing (25 mm long)	3
	556997	NUT - captive	8
2	672422	COIL - evaporator	1
	672730	COIL - evaporator (unit w/ coolant option)	1
	510718	SCREW - coil	4
3	2030534	SEALER - tape	A/R
4	928272	COVER - curb side (before 10/2013)	1
	935459	COVER - curb side (10/2013 to 10/2015)	1
	935467	COVER - curb side (10/2015 & after)	1
5	935458	COVER - road side	1
	510718	SCREW - cover	A/R
6	986687	BLADE - damper	1
7	928274	PIVOT - blade	2
8	442823	SOLENOID - damper	1
	913095	* COVER - plunger	1
	552762	* BOLT - eye	1
	442847	* PLUNGER	1
	442756	DIODE	1
	510718	SCREW - solenoid	4
	927541	NUTSTRIP - solenoid	2
9	552550	PIN - cotter	2
	552001	FLATWASHER	2
10	999953	ROD - damper solenoid	1
11	910861TKA	SPRING - damper blade	2
12	931884	BRACKET - housing support	1
13	910759	CLAMP - damper blade	1
	558316	SCREW - clamp	1

242G5



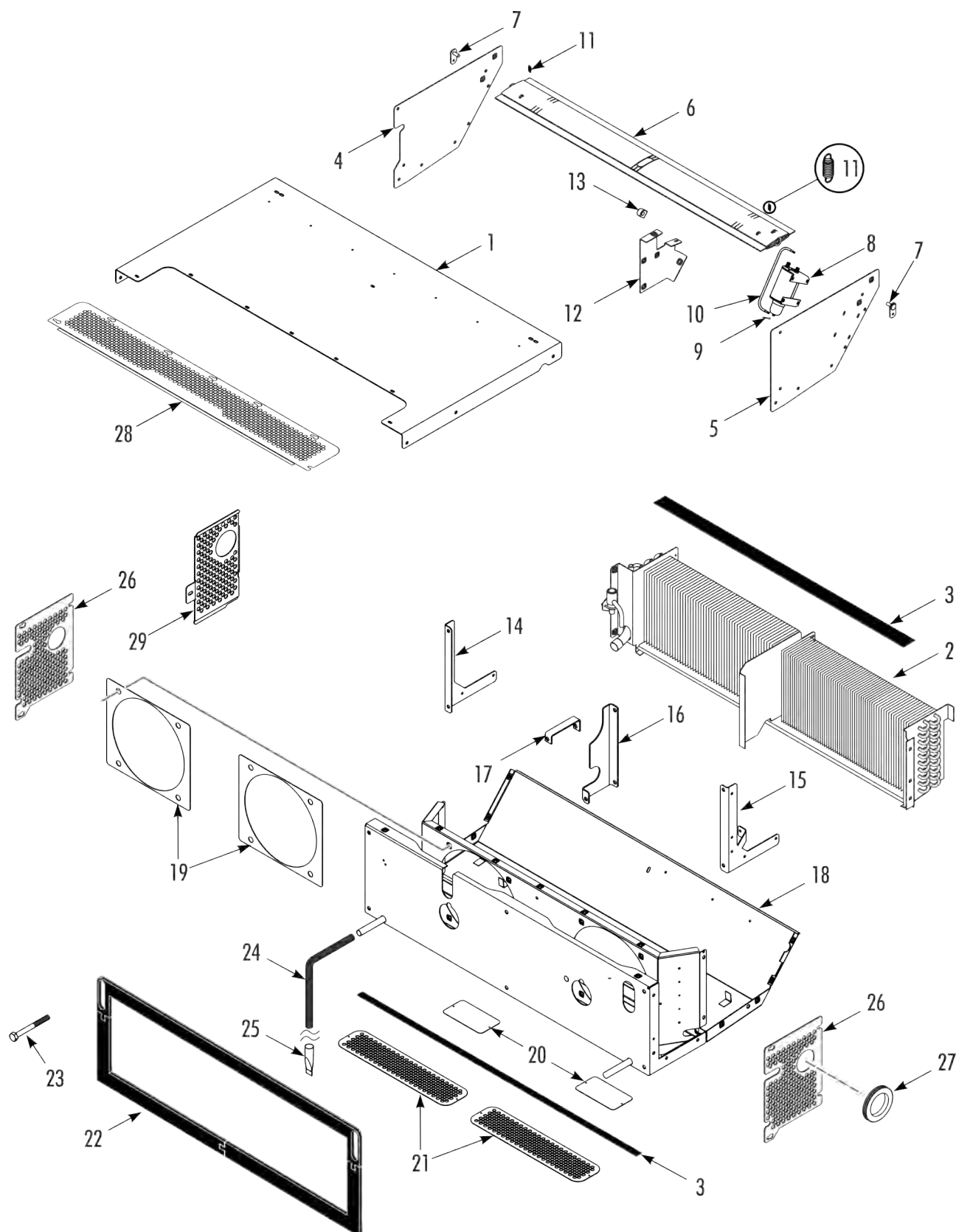
EVAPORATOR COMPARTMENT (1/10 & after)

Revised
10/23/17

Revised
10/23/17**EVAPORATOR COMPARTMENT (1/10 &
after)****242G5**

REF	PART NO.	DESCRIPTION	QTY
	557075	FLATWASHER	2
	557008	NUT	1
14	927537	BRACKET - drain pan (roadside)	1
15	927536	BRACKET - drain pan (curbside)	1
	510718	SCREW - bracket (4 each bracket)	8
16	927538	BRACKET - evaporator (vertical)	1
17	928610TKA	BRACKET - evaporator (horizontal)	1
	557372	SCREW - bracket	2
	557075	FLATWASHER	2
	557170	LOCKWASHER	2
18	988207	BASE - drain pan (North America, before 11/11)	1
	988904	BASE - drain pan (North America, 11/11 & after)	1
	932297	BASE - drain pan (Europe)	1
	988987	BASE - drain pan (coolant heat option)	1
19	988209	ORIFICE - evaporator fan	2
	556994	SCREW - orifice	8
	553045	WASHER - dome	8
	556997	NUT - captive	8
20	929531	COVER - evaporator (bottom)	2
21	927650	SCREEN - evaporator	2
	555635	SCREW - cover & screen	4
22	300290TKA	KIT - sill gasket	1
23	557375	SCREW - evaporator to frame (100 mm lg)	1
	510111TKA	SCREW - evaporator to frame (140 mm lg)	5
	558536	FLATWASHER	6
	557348	NUT	6
24	935333	HOSE - evaporator drain, formed	2
	511989	CLAMP - hose (24 mm)	2
25	661273	VALVE - check	2
26	988800	SCREEN - evaporator (curbside before 10/2013, roadside 1/2010 & after)	2

242G5
EVAPORATOR COMPARTMENT (1/10 & after)

 Revised
10/23/17


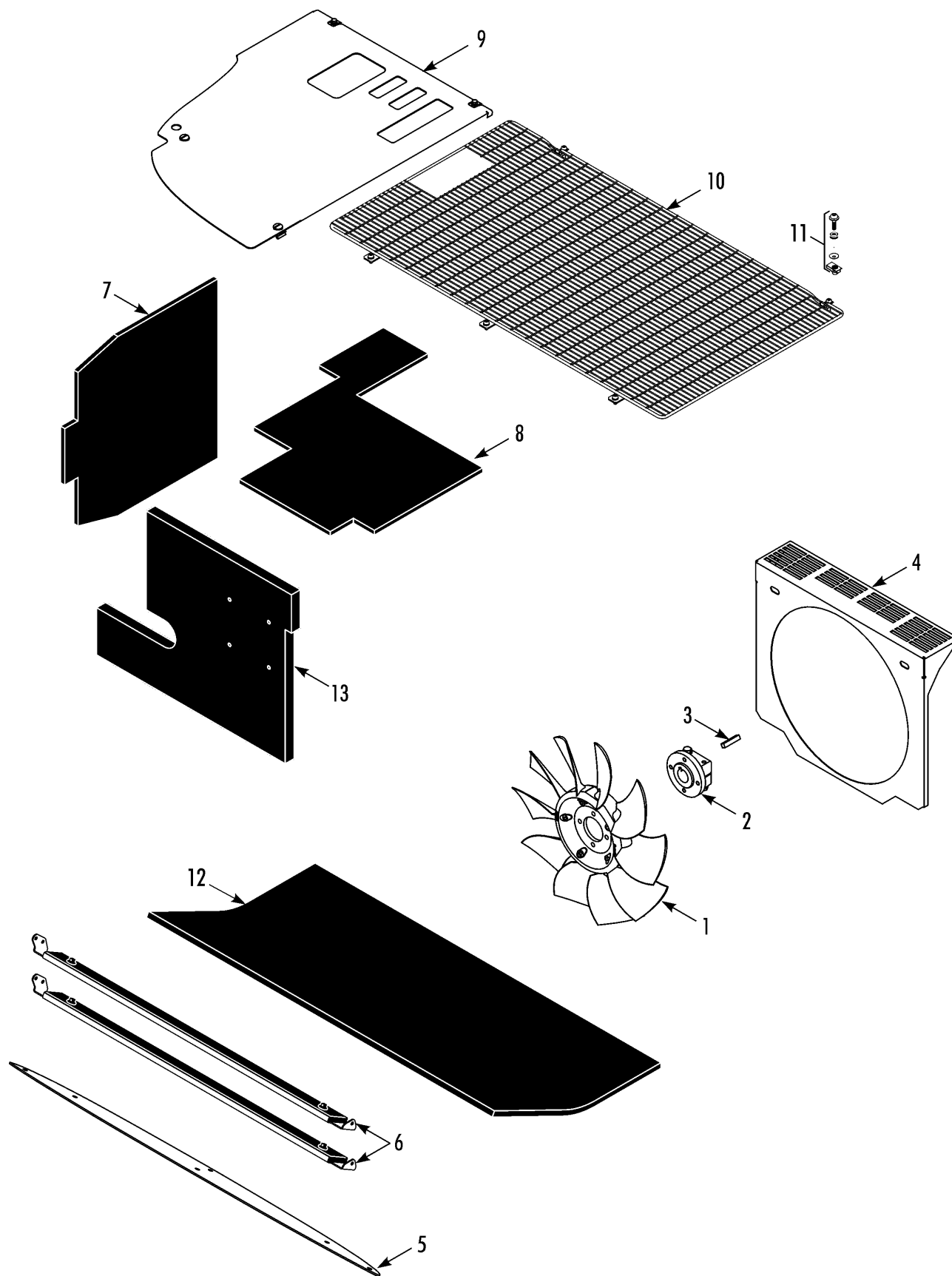
Revised
10/23/17

**EVAPORATOR COMPARTMENT (1/10 &
after)**



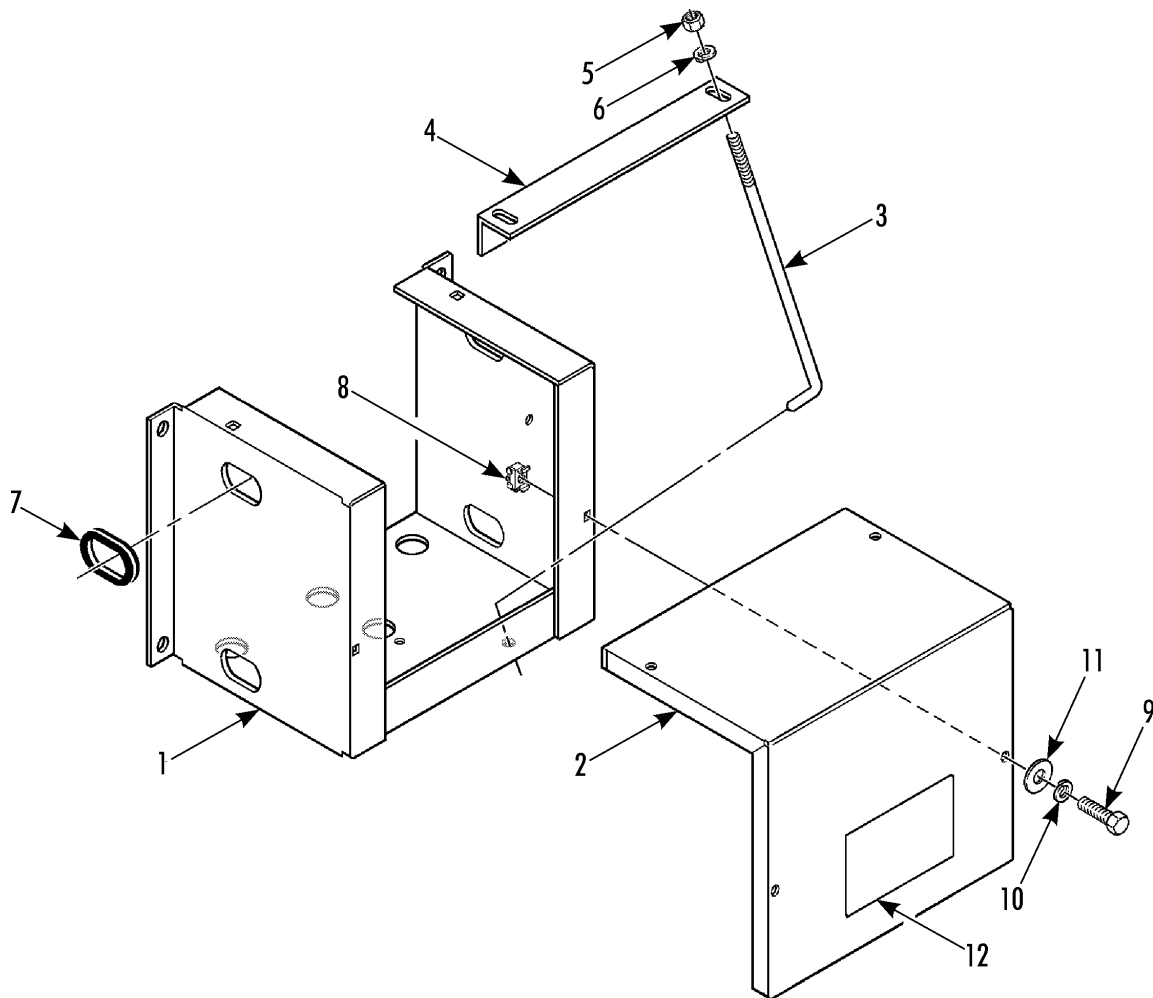
242G5

REF	PART NO.	DESCRIPTION	QTY
	559495	RIVET - screen	4
27	332361	GROMMET	1
28	988908	GUARD - top	1
29	935469	SCREEN - evaporator curbside (10/2013 to 10/2015)	1
	932298	SCREEN - evaporator curbside (10/2015 & after)	1

240B2**LOW SOUND Ldb KIT (T-600 & T-800)**Revised
09/16/17

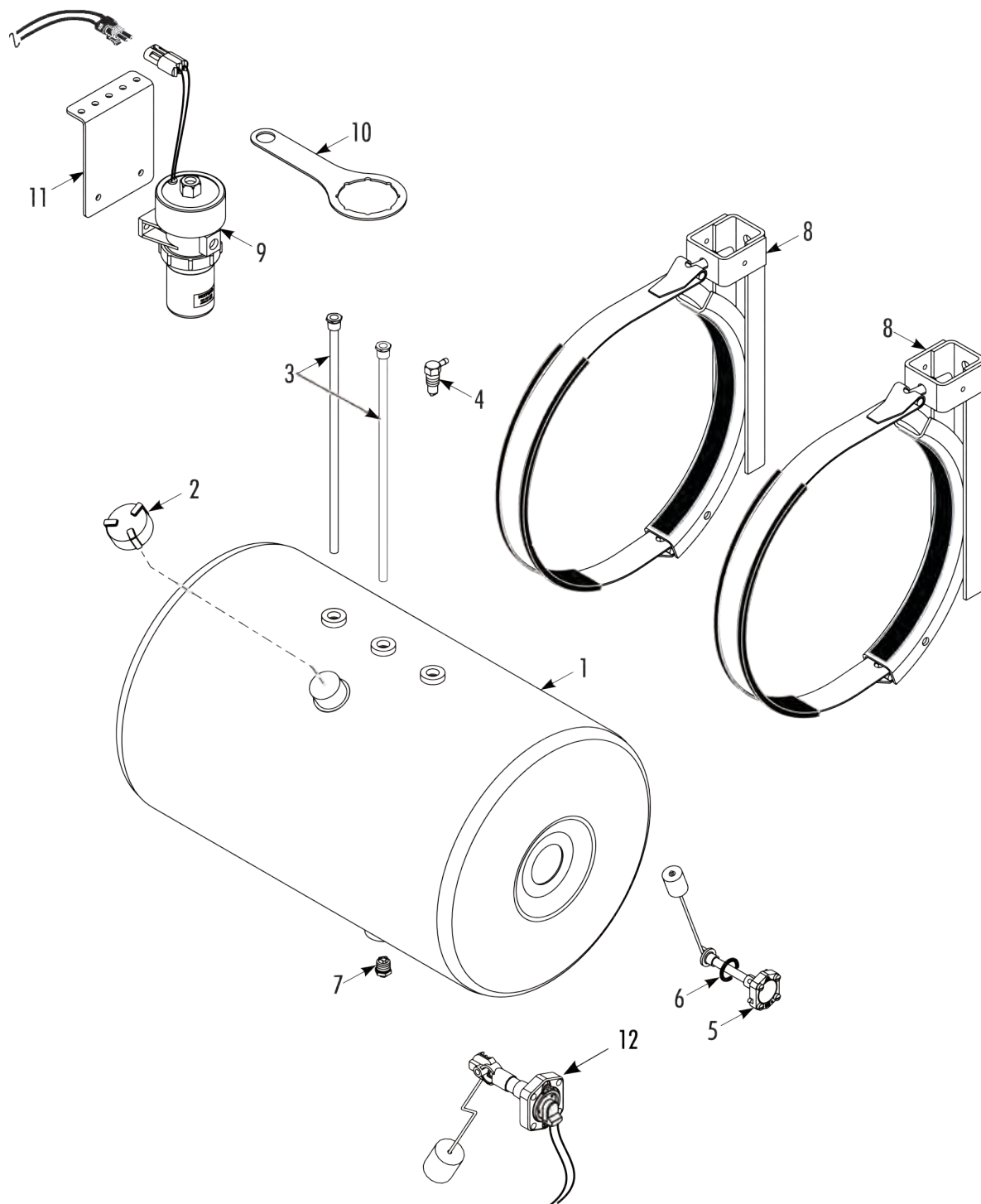
Revised
09/16/17**LOW SOUND Ldb KIT (T-600 & T-800)****240B2**

REF	PART NO.	DESCRIPTION	QTY
1	781708	FAN - condenser (Ldb kit)	1
	550141	SCREW - fan	4
	550790	LOCKWASHER	4
2	771699	HUB - fan	1
	558650	SCREW - hub	2
	550790	LOCKWASHER	6
	550371	FLATWASHER	2
3	557555	KEY	1
4	921551	ORIFICE - condenser fan	1
5	927953	PANEL - blockoff	1
6	927955	LOUVER - sound	2
7	334525	SOUNDFOAM - engine door (before 2012)	1
	335077	SOUNDFOAM - engine door (2012 & after)	1
	512375	BUTTON - trim	4
8	334527	SOUNDFOAM - engine cover	1
	511984	CLIP - foam retainer	5
9	988223	COVER - engine (see 235A9)	1
10	988214	SCREEN - top (before 10/16, see 235A9)	1
	989655	SCREEN - top (10/16 & after, see 235A9)	1
11	511926	SCREW - screen (25mm)	5
	511929	SCREW - screen (16mm)	3
	558782	WASHER	8
	552536	CLAMP - screen	3
	556023TKA	SPACER	1
	511994	U-NUT	1
12	334521	SOUNDFOAM - grille	1
13	335078	SOUNDFOAM - engine	1

38B2**BATTERY BOX ASSEMBLY (TSA)**Revised
10/06/17

Revised
10/06/17**BATTERY BOX ASSEMBLY (TSA)****38B2**

REF	PART NO.	DESCRIPTION	QTY
	450897	BOX - battery (does not include battery)	1
1	982011	* BOX - battery	1
2	981957	* COVER - battery box	1
3	995716	* ROD - battery holddown (13.5 lg)	2
	997170	* ROD - battery holddown (11.25 lg)	2
4	911344TKA	* ANGLE - battery holddown	1
5	552542	* NUT	2
6	550371	* FLATWASHER	2
7	331371	* GROMMET	2
8	554974	* NUT - captive	4
9	553018	* SCREW - cover	4
10	552993	* LOCKWASHER	4
11	552086	* FLATWASHER	4
12	994490	NAMEPLATE - Warning	1
	995714	NAMEPLATE - Corrosive	1
	995715	NAMEPLATE - recommended batteries	1
	2030339	BATTERY (480CCA)	1
	2030340	BATTERY (625CCA)	1
	2030774	BATTERY (640 CCA)	1
	2030777	BATTERY - EON (880 CCA)	1

235F4**FUEL TANK & PUMP GROUP**Revised
10/06/17

Revised
10/06/17

FUEL TANK & PUMP GROUP

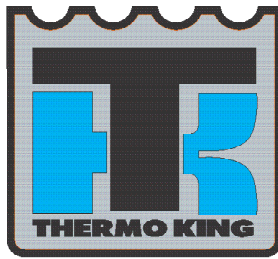
**235F4**

REF	PART NO.	DESCRIPTION	QTY
1	120927	TANK - fuel (30 gal 18 dia)	1
2	117984	* CAP - fuel tank	1
3	115331	* TUBE - fuel	2
4	555617	* VENT - check	1
5	112593	* GAUGE - fuel	1
	115450	** DIAL - fuel gauge	1
6	334818	** O-RING - gauge to tank	1
7	119134	* DRAIN - ball check	1
8	988077	BAND - fuel tank	2
	553686	NUT	2
	555431	FLATWASHER	2
9	417059	PUMP - fuel	1
	100378TKA	* KIT - bowl & gasket	1
	100494	* KIT - strainer & o-ring	1
	334736	** O-RING	1
10	2041166	WRENCH - fuel bowl	1
11	925656	BRACKET - fuel pump	1
	551587	SCREW - bracket	2
	554953	NUT	2
12	132423	GAUGE - fuel. twinsite electronic (optional)	1

267A5



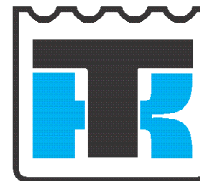
NAMEPLATES

Revised
11/09/17

1

THERMO KING

2



3

T-680S

4

T-880S T-1080S T-580R

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T-680R T-880R T-1080R

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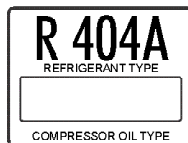
10



11

whisper

12



13



14

R 404A

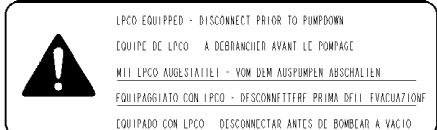
15

ZONE 1

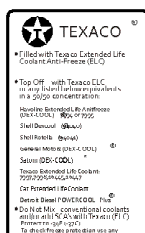
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ZONE 2

18



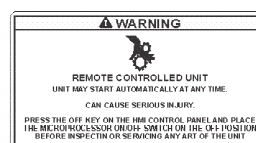
16



19

CALIFORNIA PROPOSITION 65 WARNING
DIESEL EXHAUST IS A CHEMICAL KNOWN TO
THE STATE OF CALIFORNIA TO CAUSE CANCER

20



21



22

Revised
11/09/17

NAMEPLATES



267A5

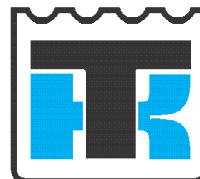
REF	PART NO.	DESCRIPTION	QTY
1	927653	NAMEPLATE - TK Logo, logo side door	1
2	927654	NAMEPLATE - Thermo King	1
	929615	NAMEPLATE - Thermo King (white)	1
3	928668TKA	NAMEPLATE - TK Logo, logo front grille	1
4	930631	NAMEPLATE - T-680S	1
	930638	NAMEPLATE - T-680S (white)	1
5	930633	NAMEPLATE - T-880S	1
	930640	NAMEPLATE - T-880S (white)	1
6	930635	NAMEPLATE - T-1080S	1
	930643	NAMEPLATE - T-1080S (white)	1
7	930627	NAMEPLATE - T-580R (black)	1
	930636	NAMEPLATE - T-580R (white)	1
8	930629	NAMEPLATE - T-680R	1
	930637	NAMEPLATE - T-680R (white)	1
9	930632	NAMEPLATE - T-880R	1
	930639	NAMEPLATE - T-880R (white)	1
10	930634	NAMEPLATE - T-1080R	1
	930641	NAMEPLATE - T-1080R (white)	1
11	929112	NAMEPLATE - SPECTRUM	1
12	928726	NAMEPLATE - WHISPER (black)	1
	929616	NAMEPLATE - WHISPER (white)	1
13	928307	NAMEPLATE - Refrigerant R404A	1
14	920324TKA	NAMEPLATE - Compressor Oil	1
15	915882TKA	NAMEPLATE - R404A	1
16	915658	NAMEPLATE - LPCO Switch	1
17	922053	NAMEPLATE - Zone 1	1
18	922054	NAMEPLATE - Zone 2	1
19	919269	NAMEPLATE - Coolant, Extended Life	1
20	917171TKA	NAMEPLATE - California Proposition	1
21	927100	NAMEPLATE - Warning Remote Control	1



1

THERMO KING

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T-680S

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T-880S T-1080S T-580R

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T-680R T-880R T-1080R

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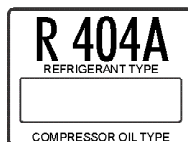
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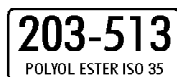
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whisper

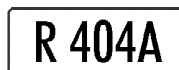
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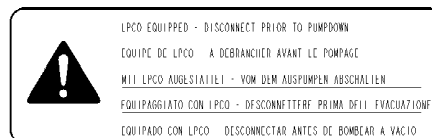
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14



15



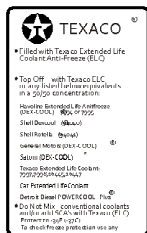
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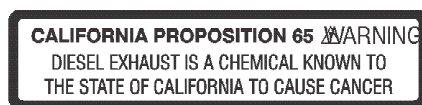
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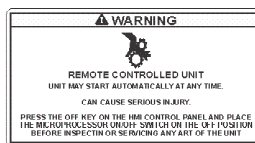
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NAMEPLATES

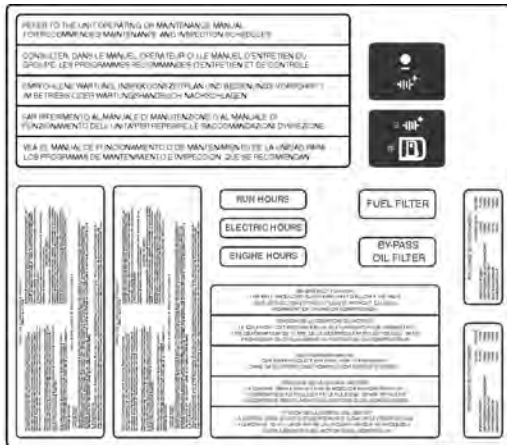
**267A5**

REF	PART NO.	DESCRIPTION	QTY
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267A6



NAMEPLATES

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1



2



3

220 VAC
50 Hz 3Ø

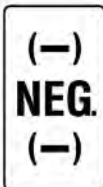
7

208/230 VAC
60 Hz 3Ø

8

230 VAC
50 Hz 3Ø

9



4



5

380 VAC
50 Hz 3Ø

10

400 VAC
50 Hz 3Ø

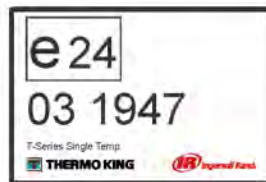
11

400/460 VAC
50/60 Hz 3Ø

12



6



13



14

230 VAC
60 Hz 3Ø

15



18



19



20

16

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267A6

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2	930644	NAMEPLATE - Consolidated (warning)	1
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	930559	NAMEPLATE - Relay Board (SR-3 MT)	1
4	994661	NAMEPLATE - Negative	1
5	994660	NAMEPLATE - Positive	1
6	999084	NAMEPLATE - Arrow	1
7	912368TKA	NAMEPLATE - 220 VAC 50 Hz 3 phase	1
8	911920	NAMEPLATE - 208/230 VAC 60 Hz 3 phase	1
9	924320	NAMEPLATE - 230 VAC 50 Hz 3 phase	1
10	999700	NAMEPLATE - 380 VAC 50 Hz 3 phase	1
11	924321	NAMEPLATE - 400 VAC 50 Hz 3 phase	1
12	924322	NAMEPLATE - 400/460 VAC 50/60 Hz 3 phase	1
13	932651	NAMEPLATE - EEC	1
14	932652	NAMEPLATE - EEC	1
15	998917	NAMEPLATE - VOLT 230/3/60	1
16	903188	KIT- Nameplates R452A SLX/ SLXe	1
17	932223	* NAMEPLATE - Refrigerant, Compressor Oil Type	1
18	932363	* NAMEPLATE - Refrigerant R452A	1
19	933077	* NAMEPLATE - R452A (medium, 21 cm long)	1
20	933255	NAMEPLATE - R452A (large, 28 cm long)	1
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