



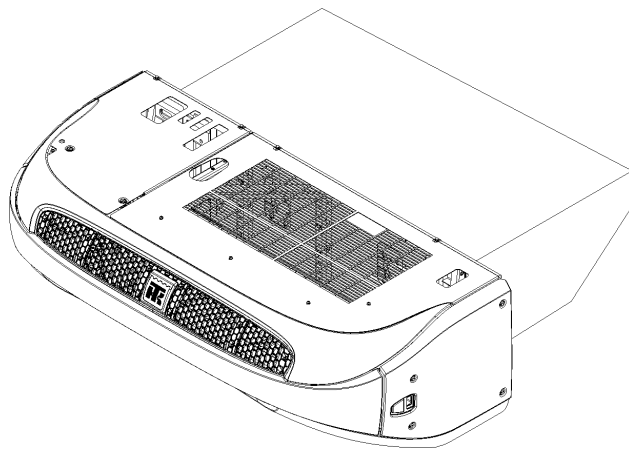
Parts Manual

T-800 TSA

TK 54403-1-PM (Rev. 7-18-17)

T-800 TSA

54403



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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
accum.....accumulator	fill.....fillister	pospositive
adjadjusting	fifuel injection	psi.....pounds 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 sec.....second
brkrbreaker	hdhead	sld.....solder
brktbracket	hphorsepower	soc hd.....socket head
C C.....Celsius	hsghousing	sol.....solenoid
cw.....clockwise	I idinside diameter	spl.....special
ccwcounter-clockwise	ininch (2.54 cm)	sqsquare
camcamshaft	incl.....includes	ss.....stainless steel
cmcentimeters	inj.....injection	stdstandard
comprcompressor	intinternal	stl.....steel
condcondenser	int th.....internal tooth	suct.....suction
connconnector	K kWkiloWatt	swswitch
cyl.....cylinder	L LLiter (Litre)	T TBDTo Be Determined
D defdefrost	liq.....liquid	termterminal
degdegree	lglong	temptemperature
dehyddehydrator	M MMeter (Metre)	thkthick
diadiameter	mmMillimeter (Millimetre)	TSATransport Solutions Americas
DCdirect current	mptmale pipe thread	U usundersize
disc.....discharge	modmodulating	V vib.....vibrasorber
diffdifferential	N negnegative	VVolt
E EMIExtended	No.....number	W Wwatt
Maintenance Interval	NSnot supplied	w/with
EMEIAEurope, Middle East, India and Africa	NSS.....not sold separately	w/o.....without
engengine	O osoversized	
exch.....exchanger	odoutside diameter	
expexpansion	orso-ring seal	
	P pcbprinted circuit board	

T-800 TSA

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T-800 TSA Contents

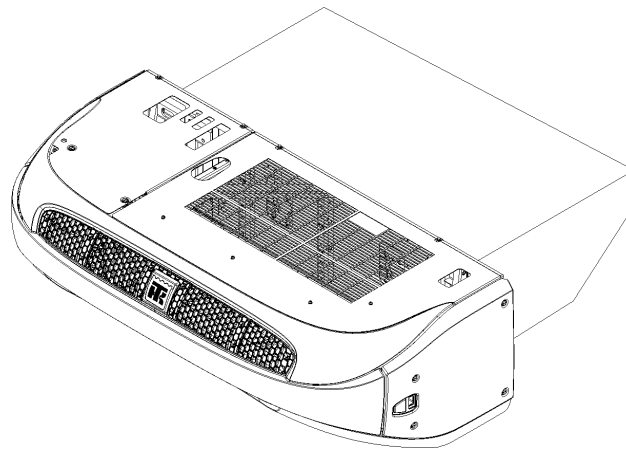
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14U10



T-800 TSA REFERENCE SHEET

Revised
05/20/15



Revised
05/20/15**T-800 TSA REFERENCE SHEET****14U10**

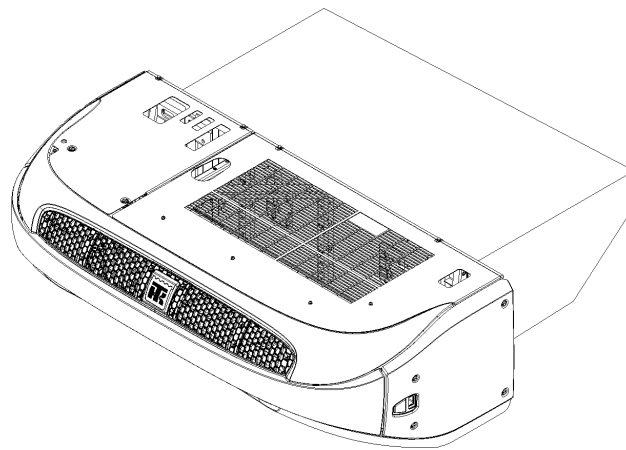
B/M	DESCRIPTION
901272	System - T-800 30 TSA
901273	System - T-800 50 TSA 230/3/60
901274	System - T-800 50 TSA 460/3/60
097696	T-800 30 SR TSA
097697	T-800 50 SR 230/3/60 TSA
097698	T-800 50 SR 460/3/60 TSA
088258	DAS datalogger
088265	EPDM Coolant Hoses
088275	Evaporator Covers
088292	Evaporator Heaters
088296	Thermometer F EZ Read
088297	Thermometer C EZ Read
088302	DAS with TrackKing
088325	Remote Box for HMI Controller
088837	Service Watch Port
088562	Engine Block Heater
088841	460/3/60 TSA
088877	Extended Harnesses
088891	Extended harness, Premium HMI
088899	Extended harness, Standard HMI
097622	30 Control Box
097629	230/3/60 TSA
097632	460/3/60 TSA
097675	230/3/60 TSA
097690	Electric Throttling Valve
097691	HMI display
097692	Top Screen
097699	Oil Drain Valve
097717	Ldb Covers & Screen

14U10



T-800 TSA REFERENCE SHEET

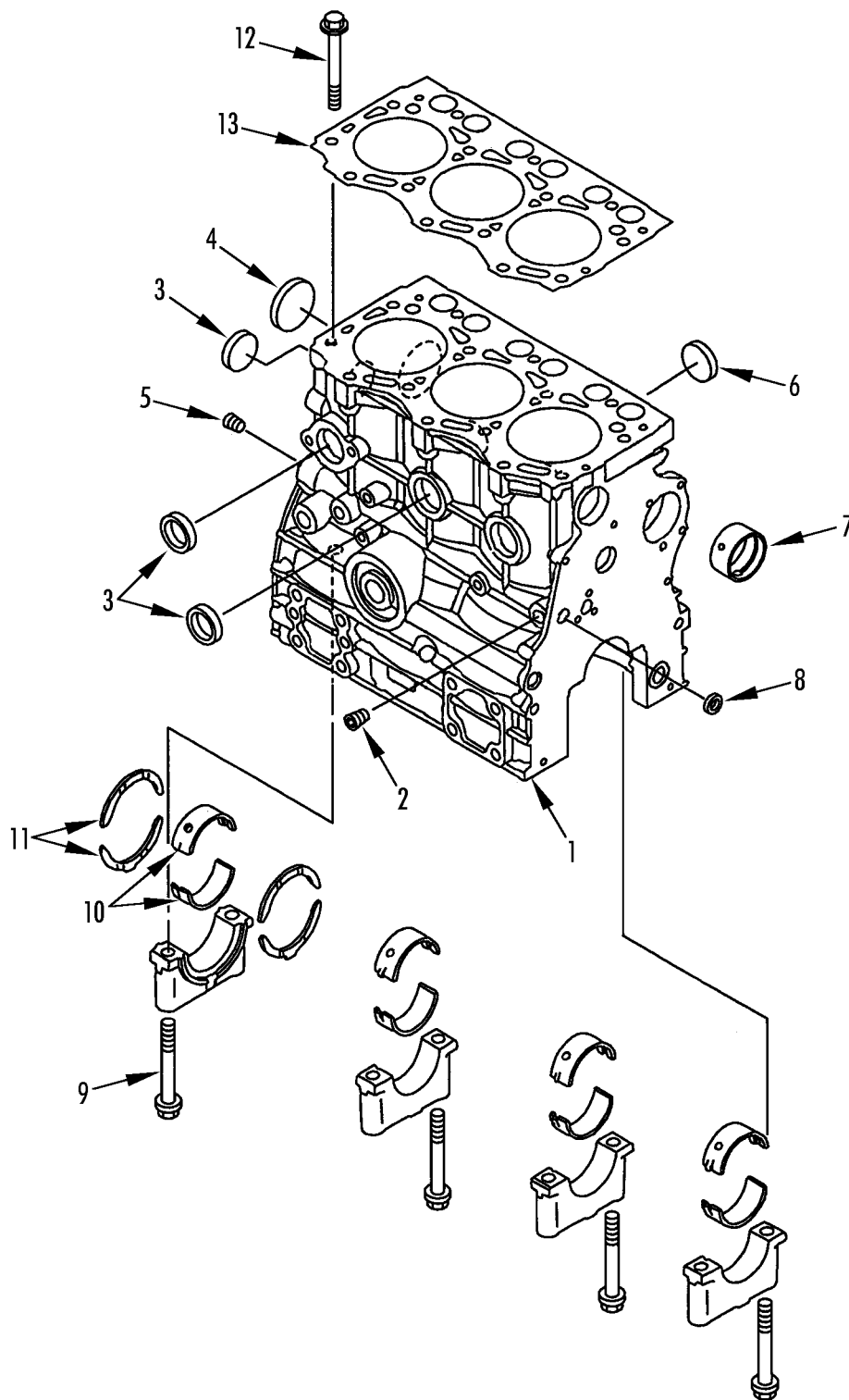
Revised
05/20/15



Revised
05/20/15

T-800 TSA REFERENCE SHEET**14U10**

B/M	DESCRIPTION
097720	Chrome Grille
097721	Silicone Hoses
097740	Top Screen
700248	Door Switch
700533	Door Switch ERC-2
700534	Door Switch ERC-3
700955	Hose Management Kit
700956	Hose Management Kit, Curved
701299	Remote Status Light Kit
701288	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
719182	Hose Management Kit, straight
800373	Installation Kit
810044	Battery Box

236D4**CYLINDER BLOCK (TK 370N)**Revised
06/04/15

Revised
06/04/15

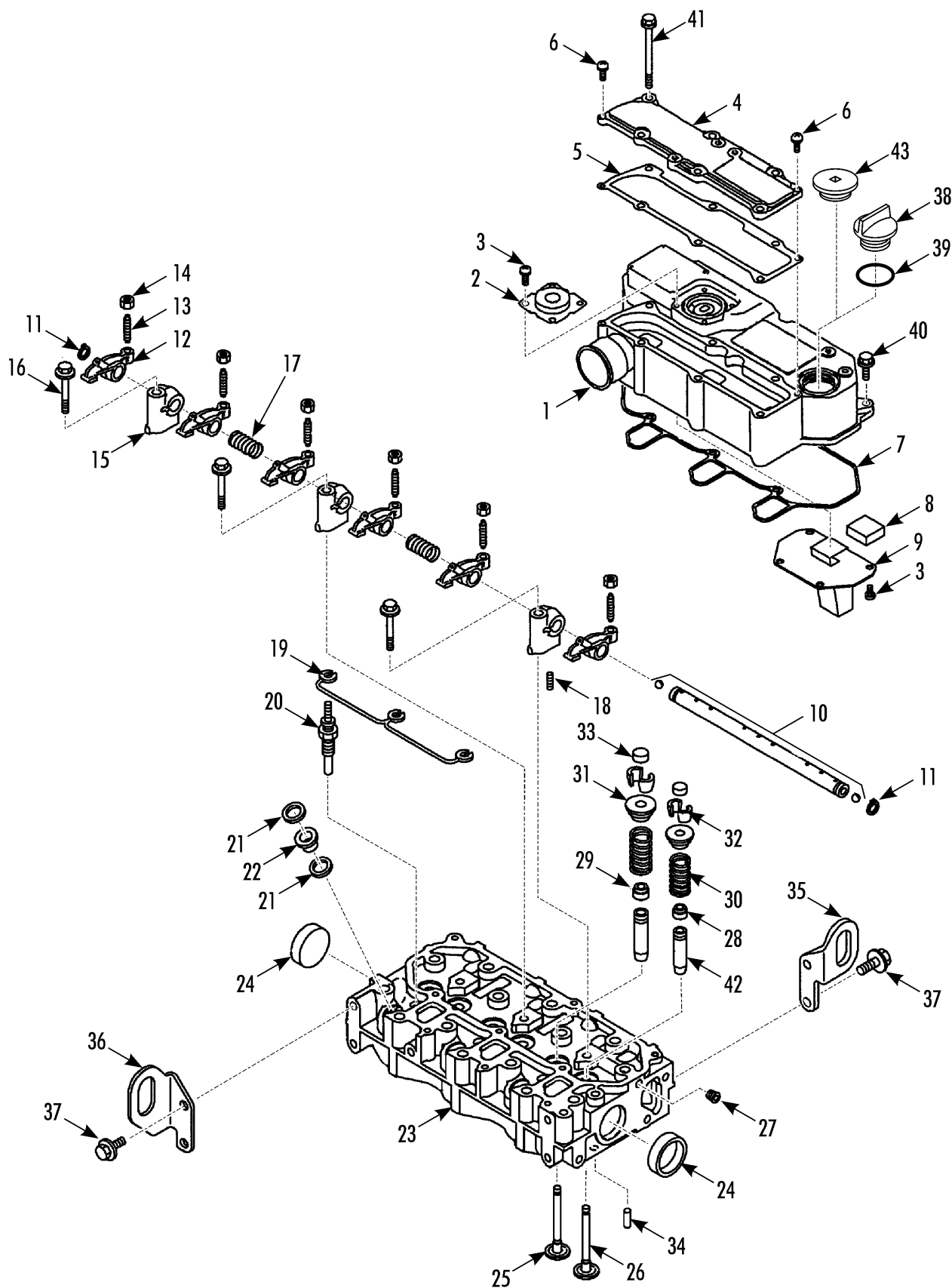
CYLINDER BLOCK (TK 370N)



236D4

REF	PART NO.	DESCRIPTION	QTY
	8101369	ENGINE ASSEMBLY (TK 370N, new exchange)	1
1	120874	BLOCK - cylinder (assy)	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
11	130553	* BEARING - thrust (set of 2)	1
12	510625	SCREW - cylinder head	14
13	334209	GASKET - cylinder head	1
	300278	GASKET SET (see 214A1)	1

213H2

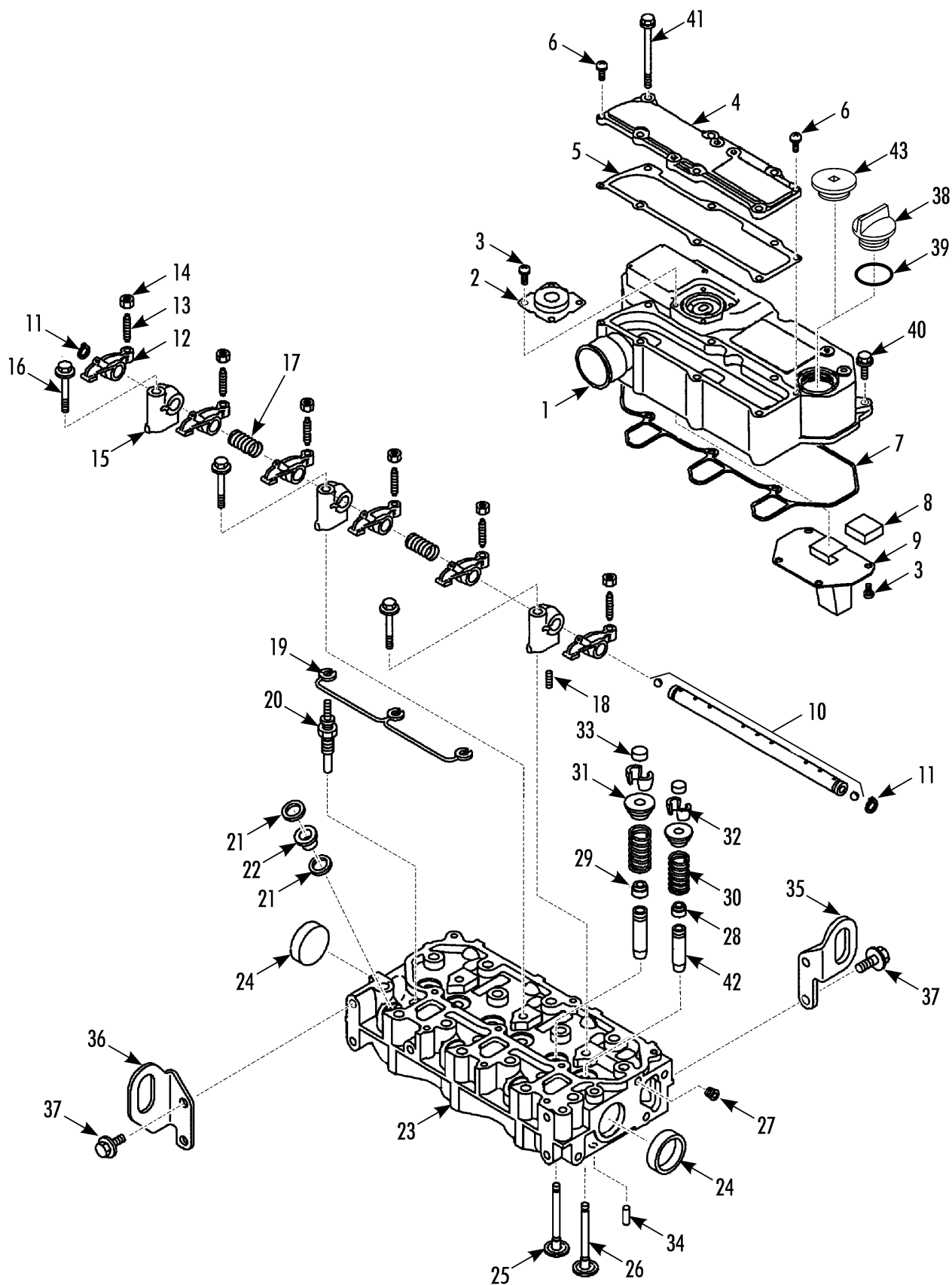
CYLINDER HEAD AND COVER (TK 370/
370N)Revised
04/02/14

Revised
04/02/14**CYLINDER HEAD AND COVER (TK 370/
370N)****213H2**

REF	PART NO.	DESCRIPTION	QTY
1	130561	COVER - cylinder head	1
2	130339	* VALVE - diaphragm	1
	334091	* O-RING - diaphragm	1
3	510598TKA	* SCREW - valve & baffle	8
4	130562	* COVER - intake	1
5	130563	* GASKET - intake manifold	1
6	510599TKA	* SCREW - cover	2
7	334210	* GASKET - cover	1
8	119660	* BAFFLE - breather	3
9	119659	* PLATE - baffle	1
10	130559	SHAFT - rocker	1
11	116579	CIRCLIP	2
12	119657	ARM - rocker	6
13	558859	* SCREW - valve	6
14	558860	* NUT - adjust	6
15	119656	SUPPORT - rocker arm	3
16	555772	SCREW - support	3
17	130560	SPRING	2
18	556207	SCREW (M5 x 36)	1
19	416702	CONNECTOR - glow plug	1
20	420916	GLOW PLUG	3
21	331733	GASKET - nozzle	6
22	119646	PROTECTOR - nozzle	3
23	120875	HEAD ASSEMBLY - cylinder	1
24	555806	* PLUG (35 mm)	2
25	130558	* VALVE - exhaust	3
26	130848	* VALVE - intake	3
27	510597	* PLUG (1/16)	1
28	119653	* SEAL - valve stem (intake)	3

For more information, see Service Bulletin TT694

213H2

CYLINDER HEAD AND COVER (TK 370/
370N)Revised
04/02/14

Revised
04/02/14

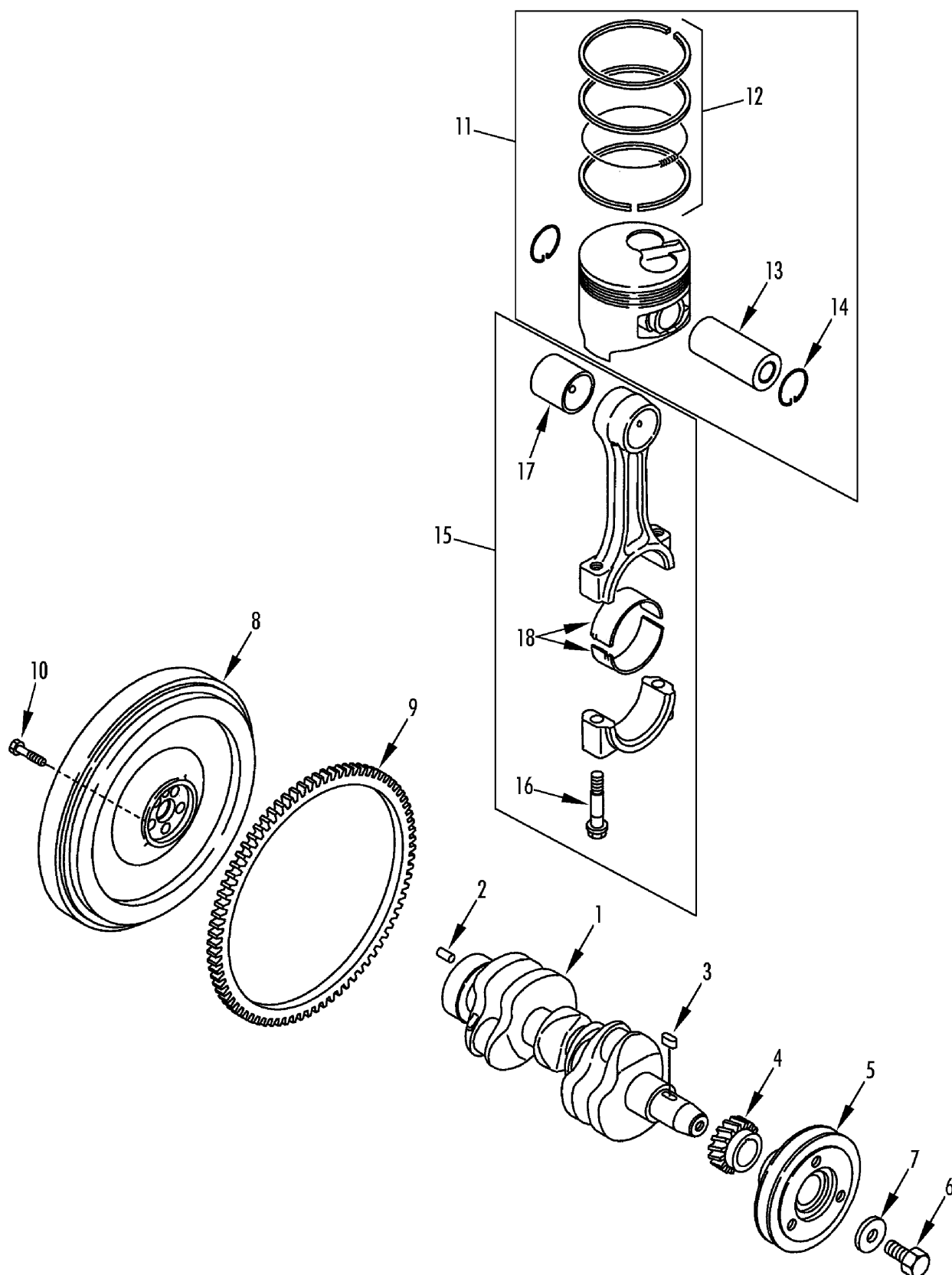
CYLINDER HEAD AND COVER (TK 370/ 370N)



213H2

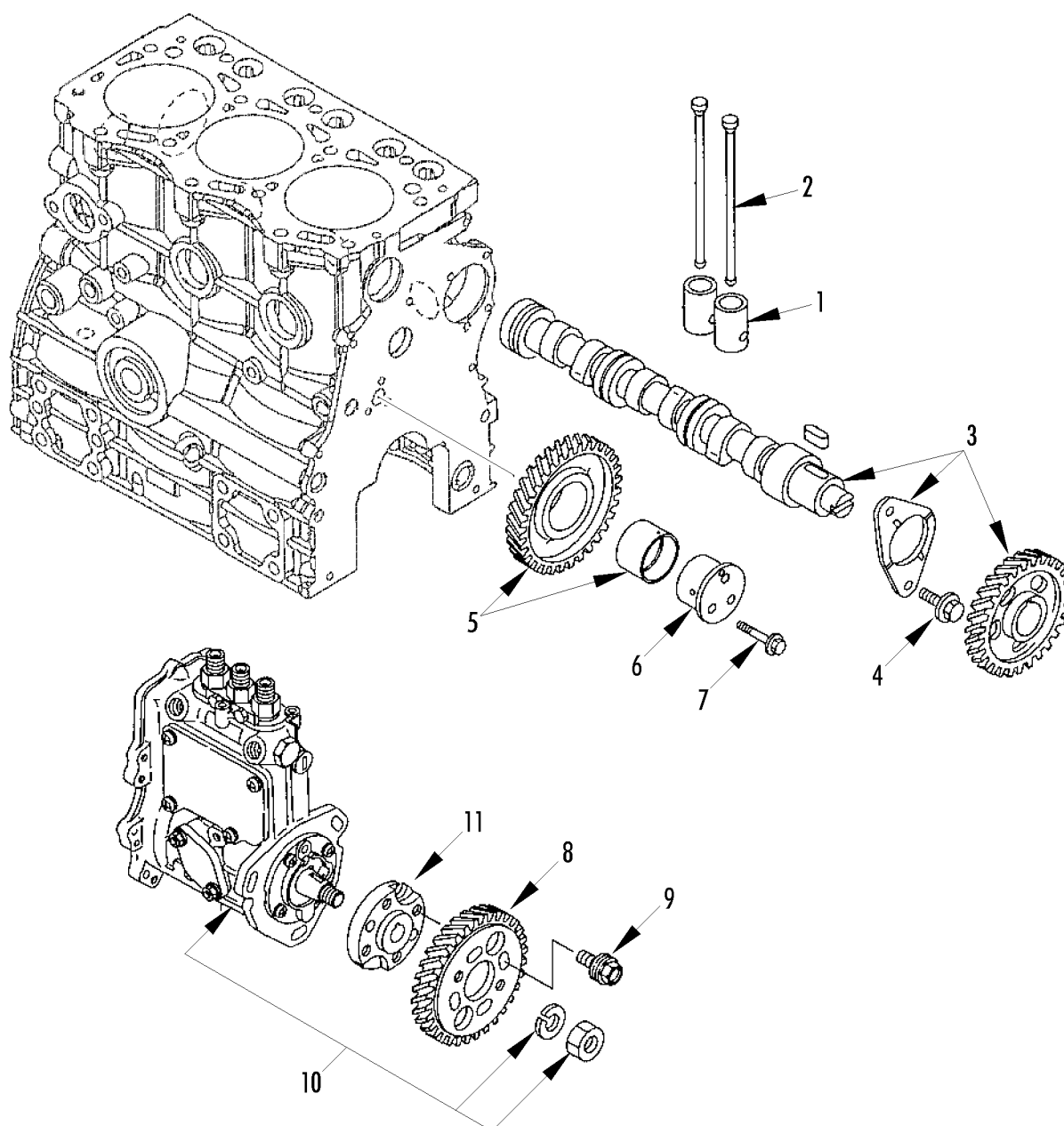
REF	PART NO.	DESCRIPTION	QTY
29	119654	* SEAL - valve stem (exhaust)	3
30	119650	* SPRING - valve	6
31	119651	* RETAINER - spring	6
32	119652	* KEEPER - valve	12
33	119647	CAP - valve	6
34	555803	SPRING - pin	2
35	119644	LIFTER - engine	1
36	130410	LIFTER - engine	1
37	558441	SCREW - lifter	4
38	115091	COVER - filler (see note)	1
39	331954	O-RING - oil filler	1
40	555811TKA	SCREW - valve cover	3
41	510600	SCREW - valve cover	6
42	130556	GUIDE - valve	6
43	118923	PLUG - oil fill hole (see note)	1
	300278	GASKET SET (see 214A1)	1

For more information, see Service Bulletin TT694

236H8**CRANKSHAFT & PISTON (TK 370N)**Revised
06/02/09

Revised
06/02/09**CRANKSHAFT & PISTON (TK 370N)****236H8**

REF	PART NO.	DESCRIPTION	QTY
1	120876	CRANKSHAFT - assembly	1
2	555816	* PIN - dowel (flywheel)	1
3	555813	* KEY - gear	1
4	119670	GEAR - crankshaft	1
5	772756	PULLEY - crankshaft	1
6	555818	SCREW - pulley	1
7	555819	WASHER	1
8	120941	FLYWHEEL - assembly	1
9	117031	* GEAR - ring	1
10	556382	SCREW - flywheel	5
11	130566	PISTON KIT (std, incl rings, pin & circlip)	3
12	130567	* RING SET (std)	3
	130571	PISTON KIT (0.25 os, incl rings, pin & circlip)	3
	130572	* RING SET (0.25 os)	3
13	130568	* PIN - piston	3
14	119674	* CIRCLIP	6
15	130569	ROD - connecting	3
16	510604TKA	* BOLT - connecting rod	2
17	130413	* BUSHING - wrist pin	1
18	130851	* BEARING - connecting rod	1
	130852	BEARING - connecting rod (0.25 us)	1

213H4**CAMSHAFT & DRIVING GEAR (TK 370/
370N)**Revised
04/15/15

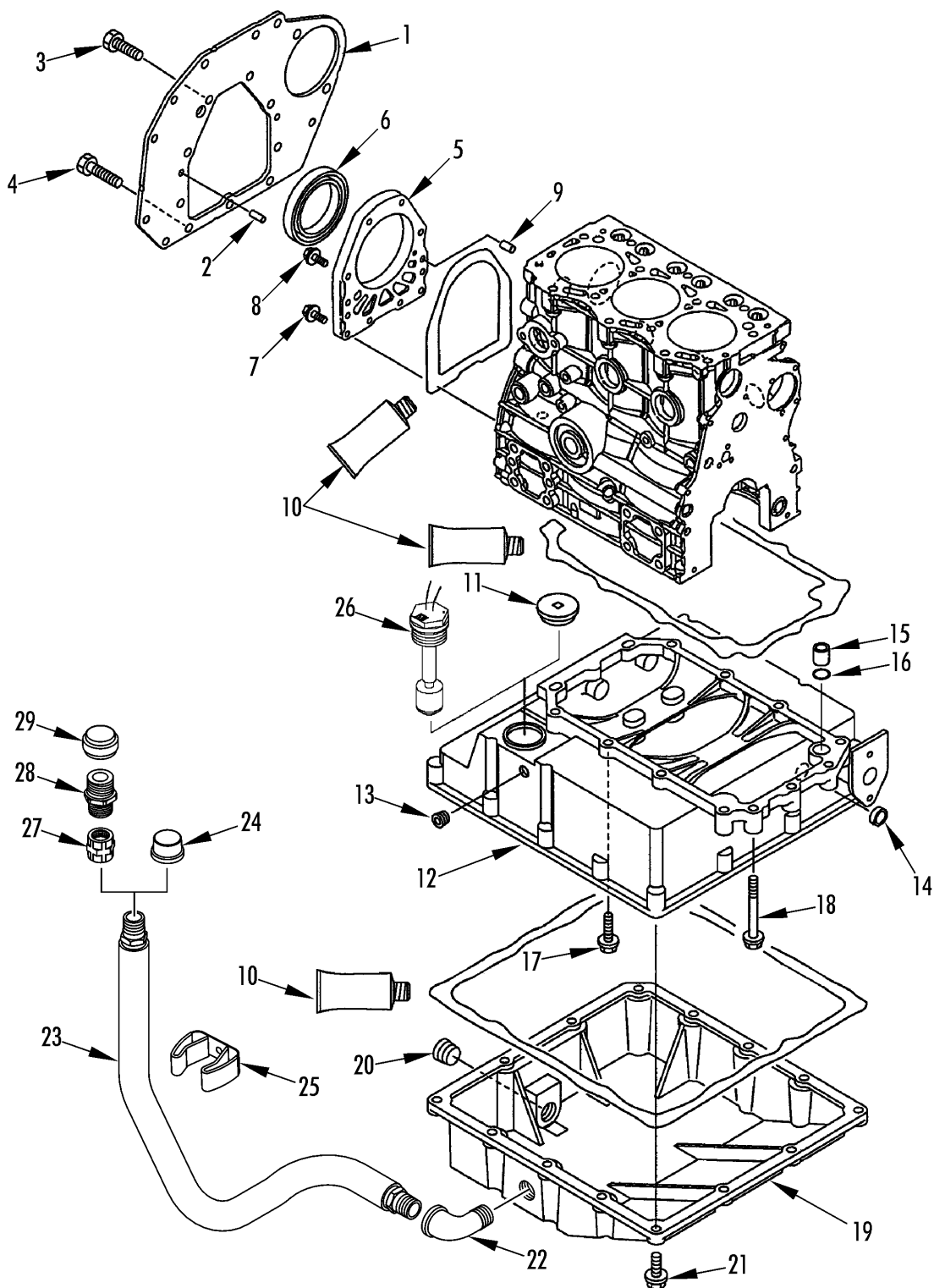
Revised
04/15/15

CAMSHAFT & DRIVING GEAR (TK 370/ 370N)



213H4

REF	PART NO.	DESCRIPTION	QTY
1	116590TKA	TAPPET	6
2	130564	ROD - push	6
3	131364	CAMSHAFT - gear & plate	1
4	555798	SCREW - plate	2
5	130850	GEAR ASSEMBLY - idle	1
6	119666	SHAFT - idle gear	1
7	555770	SCREW - idle shaft	3
8	119668	GEAR - pump	1
9	559222	SCREW - gear	4
10	1010360	PUMP - fuel injection (see 213H9, TK 370)	1
	1010373	PUMP - fuel injection (see 236H7, TK 370N)	1
11	130422TKA	FLANGE - pump	1

213H7**MOUNTING FLANGE & OIL SUMP (TK 370/
370N)**Revised
04/02/14

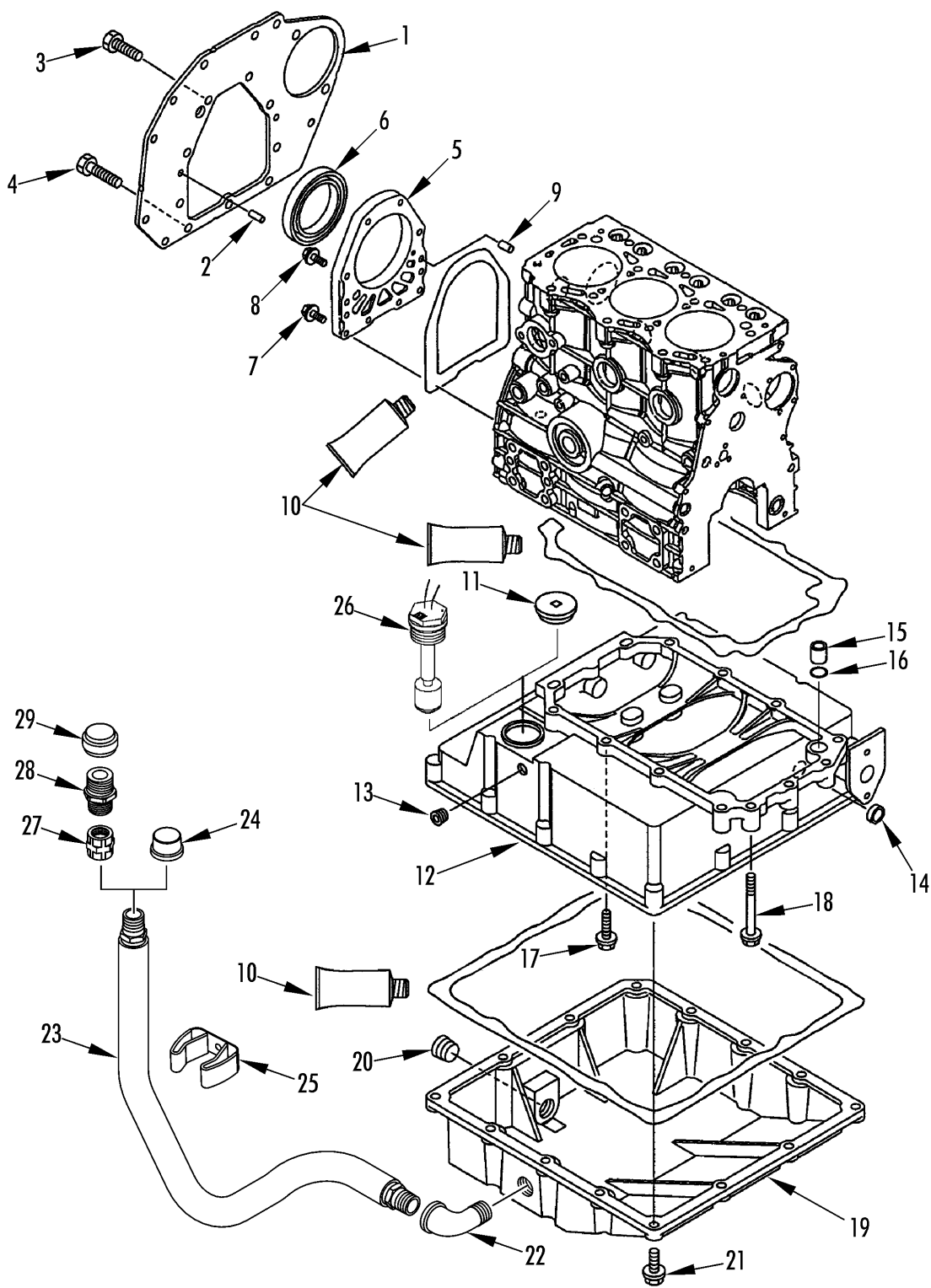
Revised
04/02/14**MOUNTING FLANGE & OIL SUMP (TK 370/
370N)****213H7**

REF	PART NO.	DESCRIPTION	QTY
1	119641	FLANGE - mounting	1
2	555816	PIN - dowel (8 x 16)	2
3	555848	SCREW - flange (M10 x 20)	7
4	556537	SCREW - flange (M10 x 25)	3
5	130408	HOUSING - oil seal (assembly)	1
6	334123	* SEAL - oil	1
7	555860	SCREW - case	4
8	555849	SCREW - case	6
9	555795	PIN - dowel	2
10	2030348	GASKET - rtv	A/R
11	119643	PLUG - oil pan	1
12	130554	SUMP - oil	1
13	511190TKA	* PLUG (1/8)	1
14	510595	* PLUG (1/8)	1
15	119642	PIPE - knock	1
16	333821TKA	O-RING (16)	1
17	555765	SCREW - sump (M8 x 25)	13
18	555766	SCREW - sump (M8 x 60)	4
19	130555	COVER - oil sump (assembly)	1
20	511295	* PLUG - oil drain	1
21	555765	SCREW - cover (M6 x 25)	14
22	556557	ELBOW - drain hose	1
	2030385	SEALER - thread	A/R
23	117067	HOSE - oil drain (23 in)	1
24	551042	CAP - oil hose	1
25	910734	CLIP - hose	1
26	414470	SWITCH - oil level	1
	334160	* O-RING - switch	1
	300278	GASKET SET (see 214A1)	1
27	511925	COUPLING	1

213H7



MOUNTING FLANGE & OIL SUMP (TK 370/ 370N)

 Revised
04/02/14


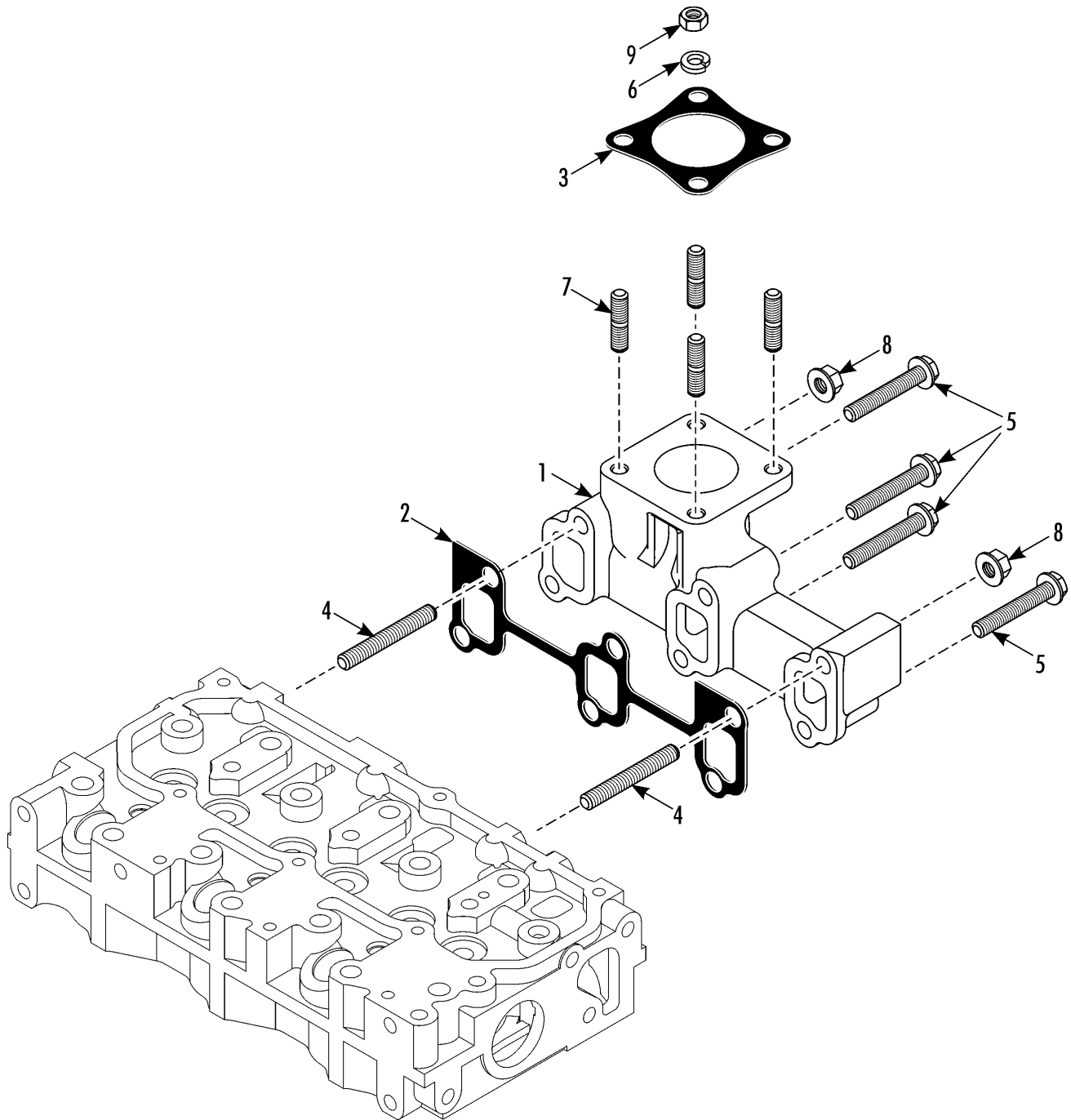
Revised
04/02/14

MOUNTING FLANGE & OIL SUMP (TK 370/ 370N)



213H7

REF	PART NO.	DESCRIPTION	QTY
28	131036	VALVE - oil drain	1
	2030400	SEALER - thread	A/R
29	131037	CAP	1

236H5**EXHAUST MANIFOLD (370N)**Revised
03/28/14

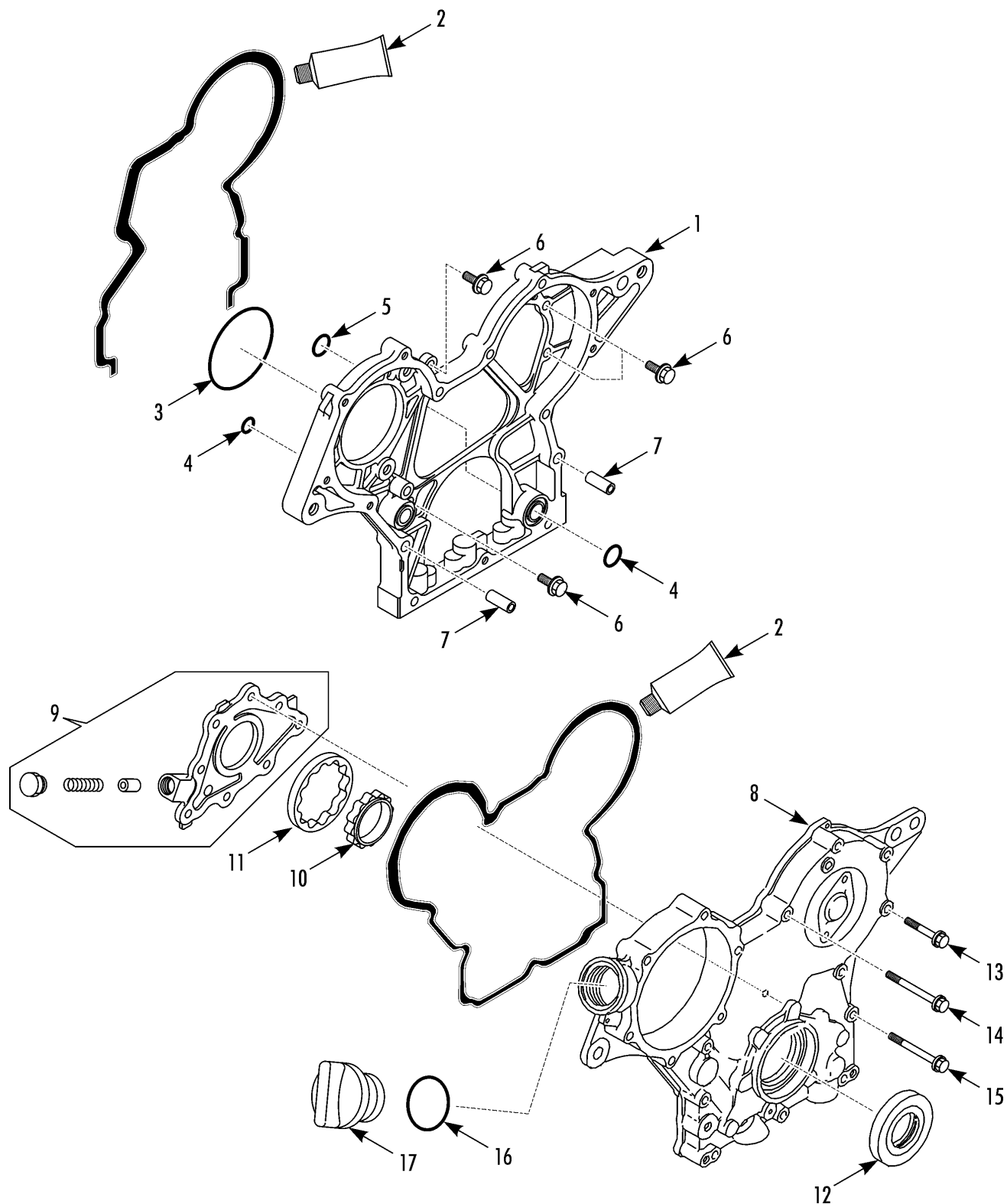
Revised
03/28/14

EXHAUST MANIFOLD (370N)



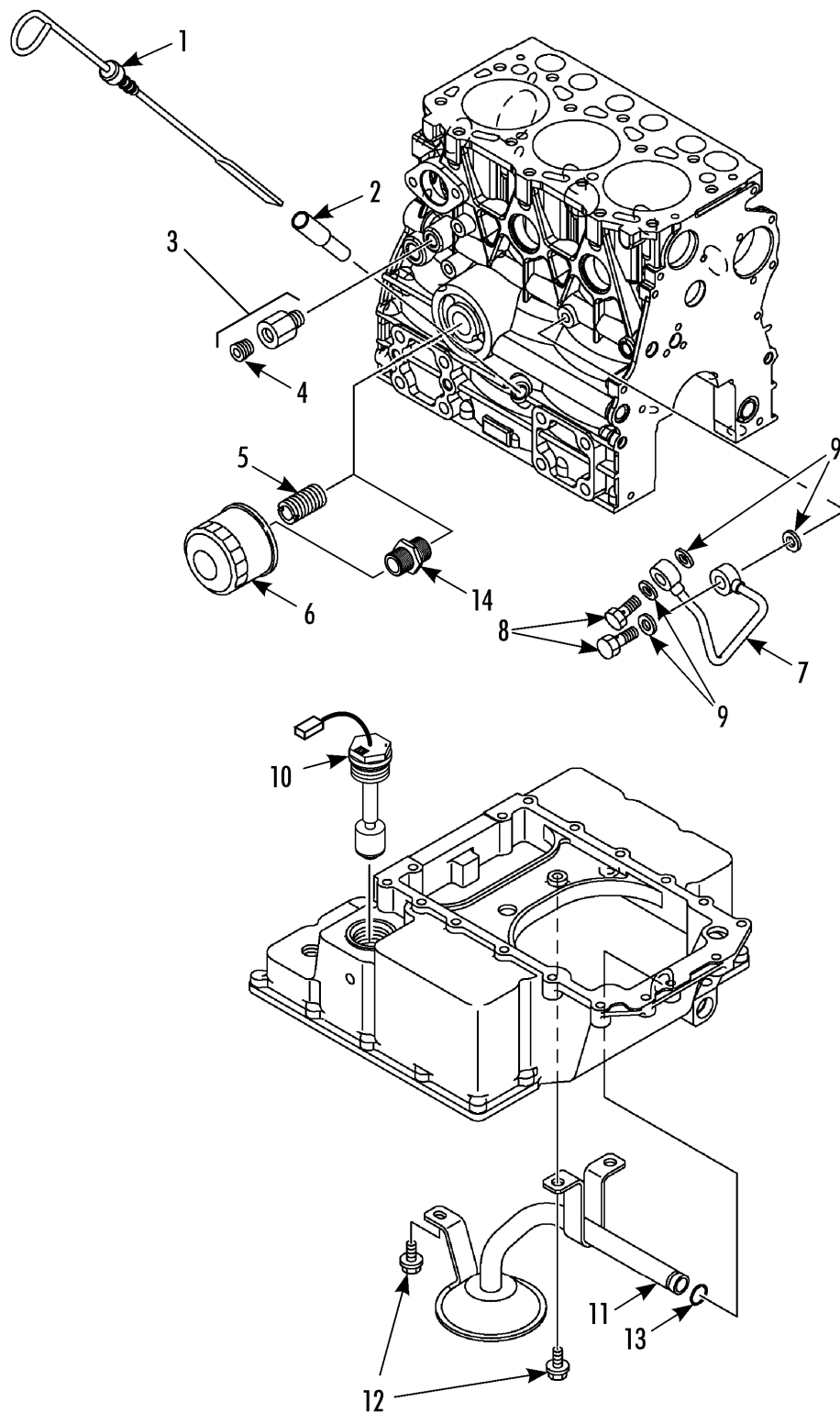
236H5

REF	PART NO.	DESCRIPTION	QTY
1	131028	MANIFOLD - exhaust	1
2	333824	GASKET - exhaust manifold	1
3	331907	GASKET - silencer	1
4	510601TKA	STUD - manifold	2
5	510602TKA	SCREW - manifold	4
6	556183	LOCKWASHER	4
7	556184	STUD - exhaust pipe	4
8	510594	NUT - manifold	2
9	556186	NUT - exhaust pipe	4
	300278	GASKET SET (see 214A1)	1

213H5**GEAR HOUSING GROUP AND OIL PUMP
(TK 370/370N, 3TNV74/80)**Revised
03/20/14

Revised
03/20/14**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
	300275	GASKET SET (TK 370/370N, see 185G2)	1
	300316	GASKET SET (3TNV74, see 267B8)	1
	300278	GASKET SET (3TNV80, see 214A1)	1

236H6**OIL LUBRICATION SYSTEM (TK 370N)**Revised
02/17/14

Revised
02/17/14

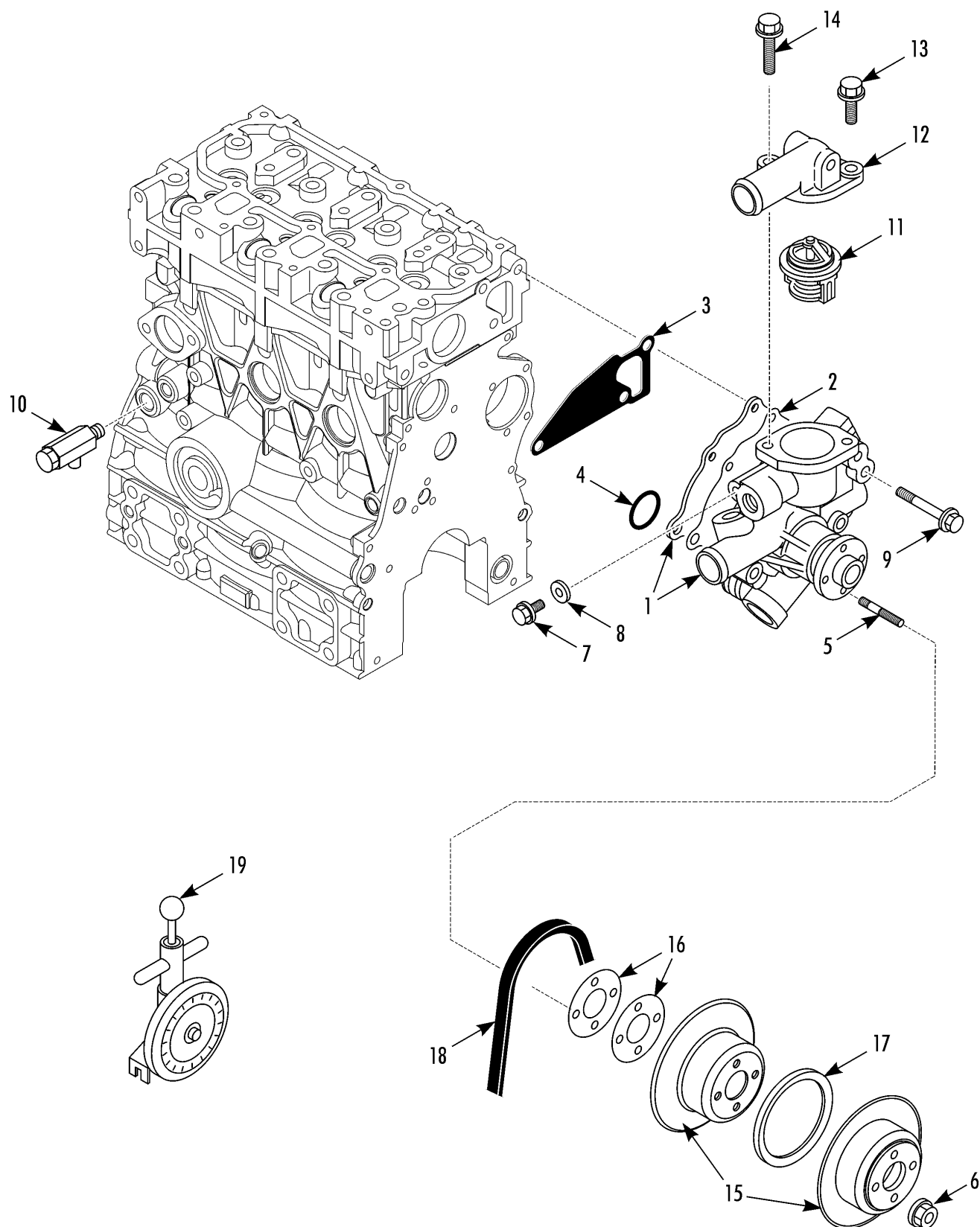
OIL LUBRICATION SYSTEM (TK 370N)



236H6

REF	PART NO.	DESCRIPTION	QTY
1	131029	DIPSTICK	1
2	131031	GUIDE - dipstick	1
3	558391	ADAPTER & PLUG	1
4	511190TKA	* PLUG	1
5	510605	STUD - oil filter (see note)	1
6	116182	FILTER - oil	1
7	119682	PIPE - lubrication	1
8	510606	SCREW - banjo	2
9	554622TKA	SEAL - washer	4
10	414470	SWITCH - oil level	1
	334160	* O-RING - switch	1
11	130575	TUBE - oil inlet	1
12	558854TKA	SCREW - tube	2
13	333825	O-RING - oil tube	1
14	512313	STUD - oil filter (see note)	1

NOTE: Refer to SPAB 378 for more information for the oil filter stud.

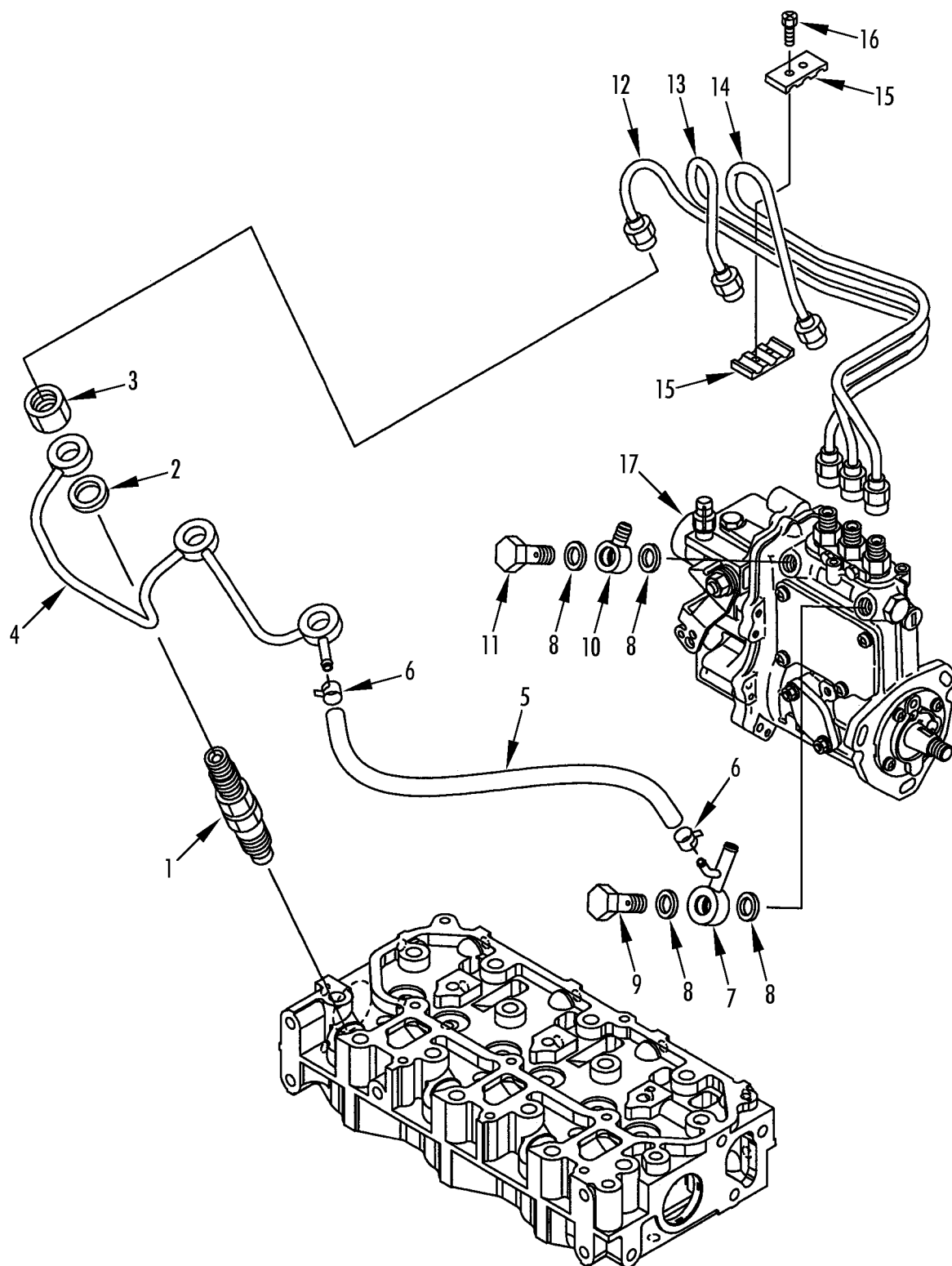
213H6**COOLANT PUMP**Revised
01/24/17

Revised
01/24/17

COOLANT PUMP

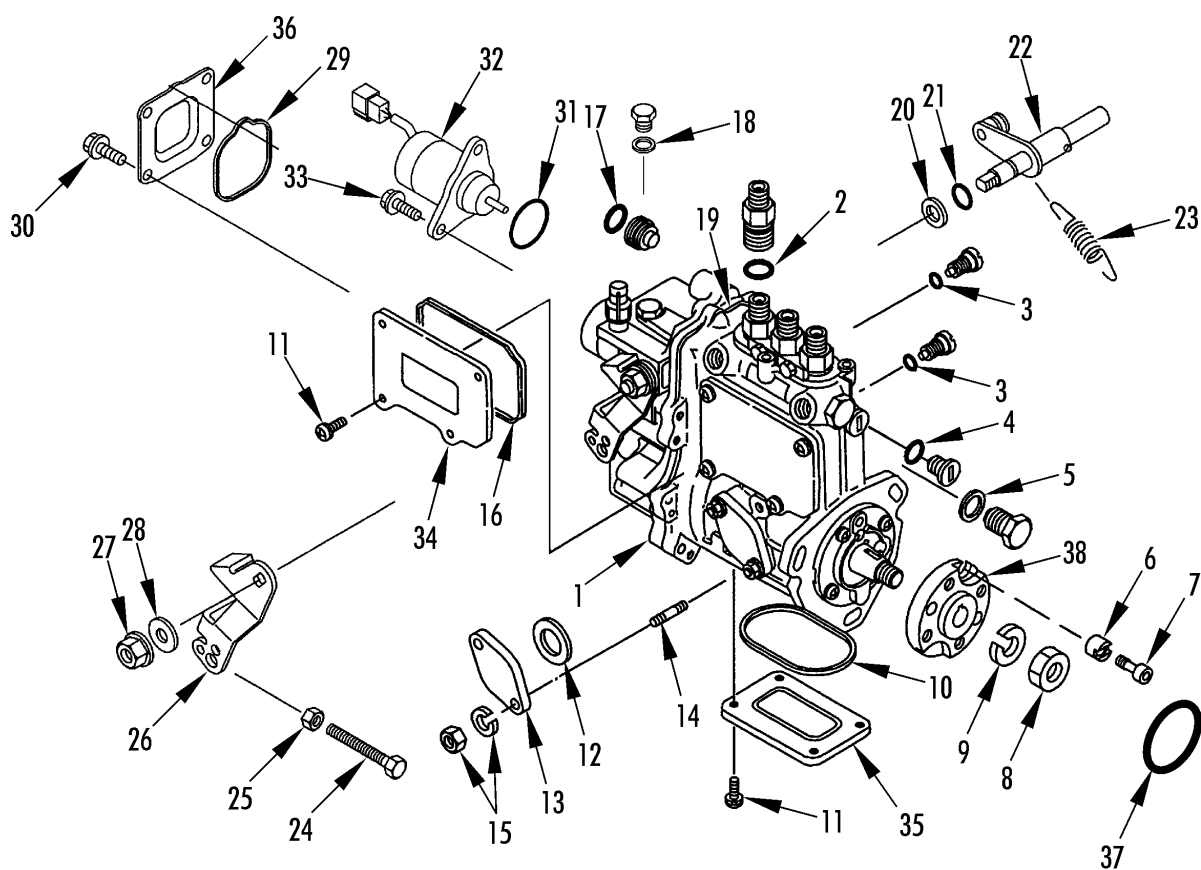
**213H6**

REF	PART NO.	DESCRIPTION	QTY
1	132269	PUMP - coolant (w/gasket)	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

213H0**FUEL INJECTION VALVE (TK 370/370N)**Revised
07/16/13

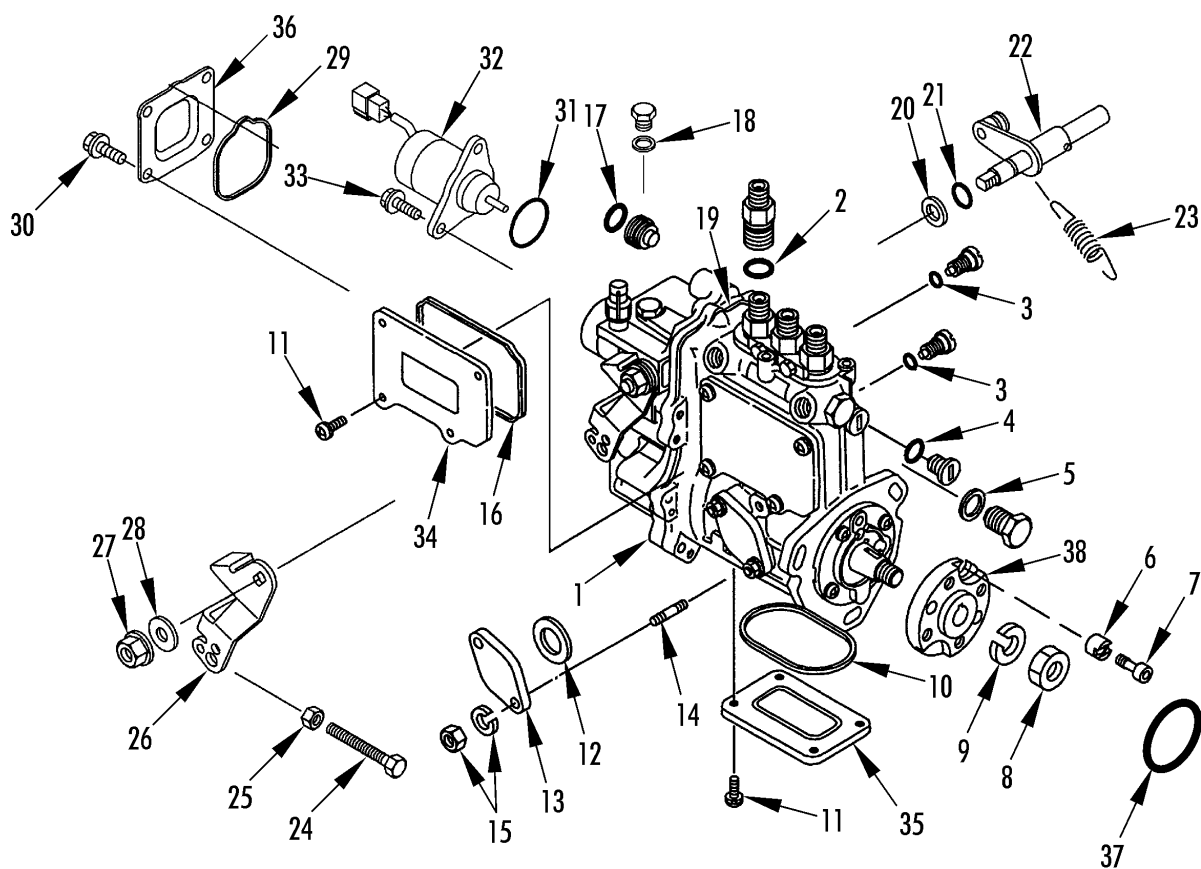
Revised
07/16/13**FUEL INJECTION VALVE (TK 370/370N)****213H0**

REF	PART NO.	DESCRIPTION	QTY
1	130598	VALVE - injection	3
2	333834	GASKET - return	3
3	116115	NUT	3
4	130603TKA	TUBE - fuel return	1
5	130435TKA	HOSE - fuel return (includes two clamps)	1
6	NSS	* CLAMP	2
7	130602TKA	JOINT - banjo	1
8	558620	WASHER - seal	4
9	130436	VALVE - check	1
10	130433	JOINT - banjo	1
11	116110TKA	SCREW - banjo	1
12	130599	PIPE - fuel injection	1
13	130600	PIPE - fuel injection	1
14	130601TKA	PIPE - fuel injection	1
15	116109	CLAMP - injection pipe	1
16	558626	* SCREW - clamp	2
17	1010360	PUMP - fuel injection (see 213H9, TK 370)	1
	1010373	PUMP - fuel injection (see 236H7, TK 370N)	1
	300278	GASKET SET (see 214A1)	1

236H7**FUEL INJECTION PUMP (TK 370N)**Revised
08/17/15

Revised
08/17/15**FUEL INJECTION PUMP (TK 370N)****236H7**

REF	PART NO.	DESCRIPTION	QTY
1	1010373	PUMP - fuel injection	1
2	334212	* O-RING - delivery	3
3	331753	* O-RING (S6)	4
4	333690	* WASHER - seal	1
5	331970	* O-RING	1
6	119685	* COLLAR - fix	1
7	510609	* SCREW - collar	1
8	556254	* NUT - shaft	1
9	558863	* LOCKWASHER	1
10	334440	* GASKET - bottom cover	1
11	510269	* SCREW - cover	8
12	333942	* GASKET - cover	1
13	116780	* COVER	1
14	556367	* STUD - cover	2
15	554750	* NUT	2
	554608	* LOCKWASHER	2
16	335072	* GASKET - front cover	1
17	334213	* O-RING	1
18	333833TKA	* WASHER - seal	1
19	333831	* GASKET - case	1
20	510611	* SHIM	1
21	331752	* O-RING	1
22	119686	* SHAFT - control	1
23	130430	* SPRING - governor	1
24	510612	* SCREW - idle limit	1
25	555846	* LOCKNUT	1
26	131032	* LEVER - control	1
27	555810	* NUT - lever	1
28	510610TKA	* SHIM	1
29	333832	* GASKET - cover	1

236H7**FUEL INJECTION PUMP (TK 370N)**Revised
08/17/15

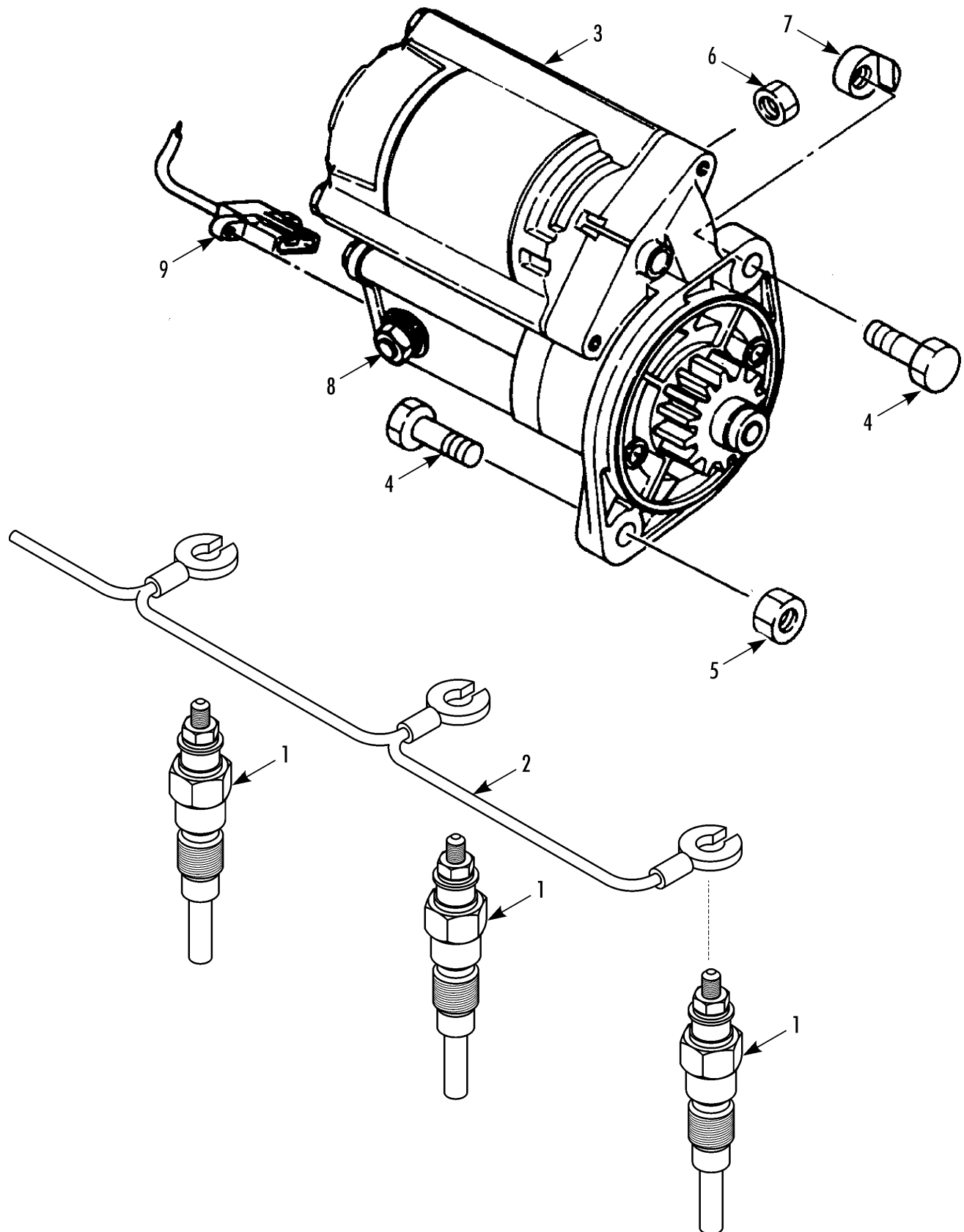
Revised
08/17/15

FUEL INJECTION PUMP (TK 370N)



236H7

REF	PART NO.	DESCRIPTION	QTY
30	555822	* SCREW - cover	4
31	332230	* O-RING	1
32	420100	* SOLENOID - stop	1
33	558448	* SCREW - solenoid	2
34	119711	* COVER - tappet	1
35	119712	* COVER - bottom	1
36	119710	* COVER - case	1
37	331953	* O-RING - fuel injection pump	1
38	130422TKA	FLANGE - pump	1

208F7**STARTER & GLOW PLUG GROUP**Revised
02/09/14

Revised
02/09/14

STARTER & GLOW PLUG GROUP



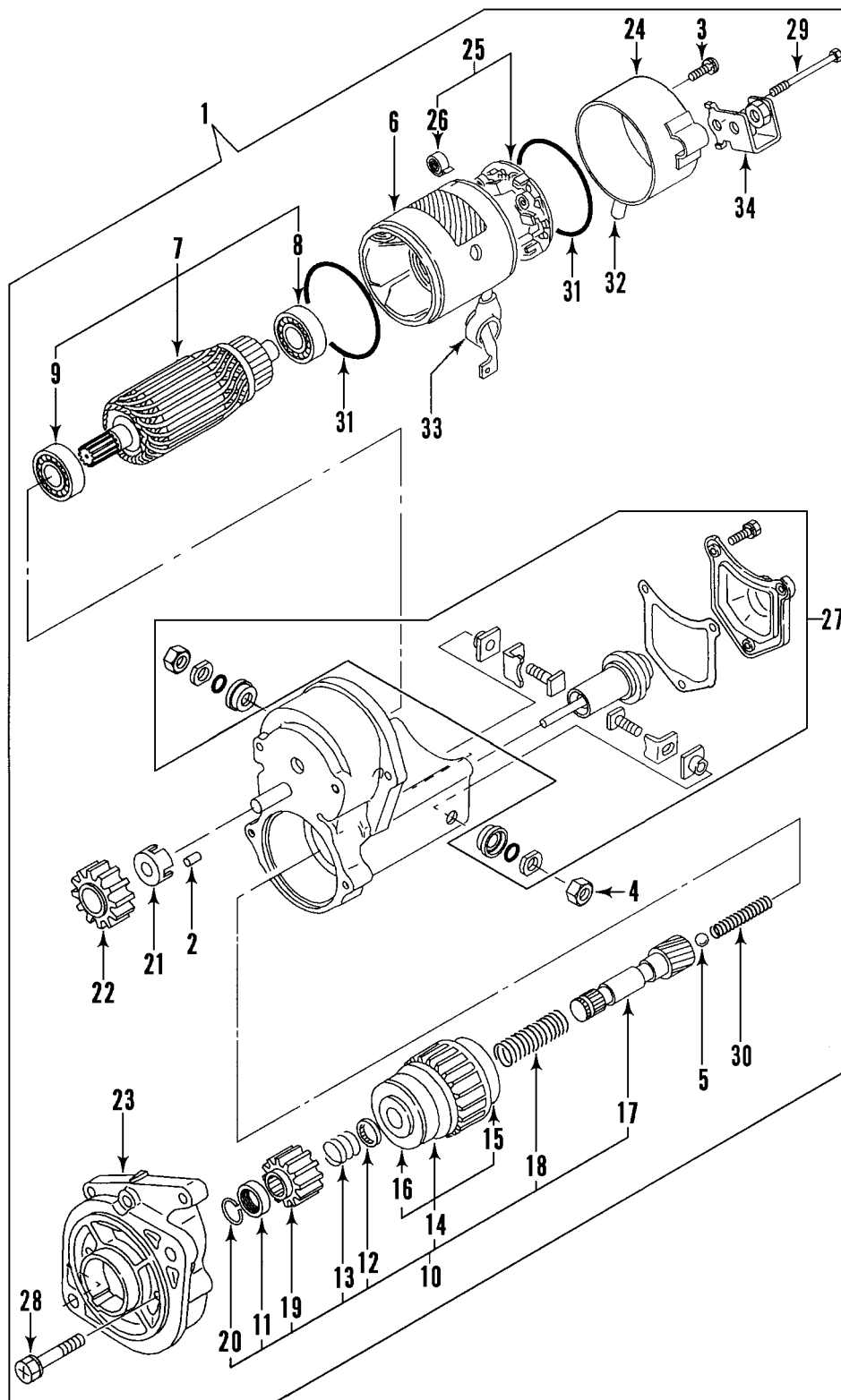
208F7

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

132A8



STARTER ASSEMBLY

Revised
01/12/13

Revised
01/12/13

STARTER ASSEMBLY

**132A8**

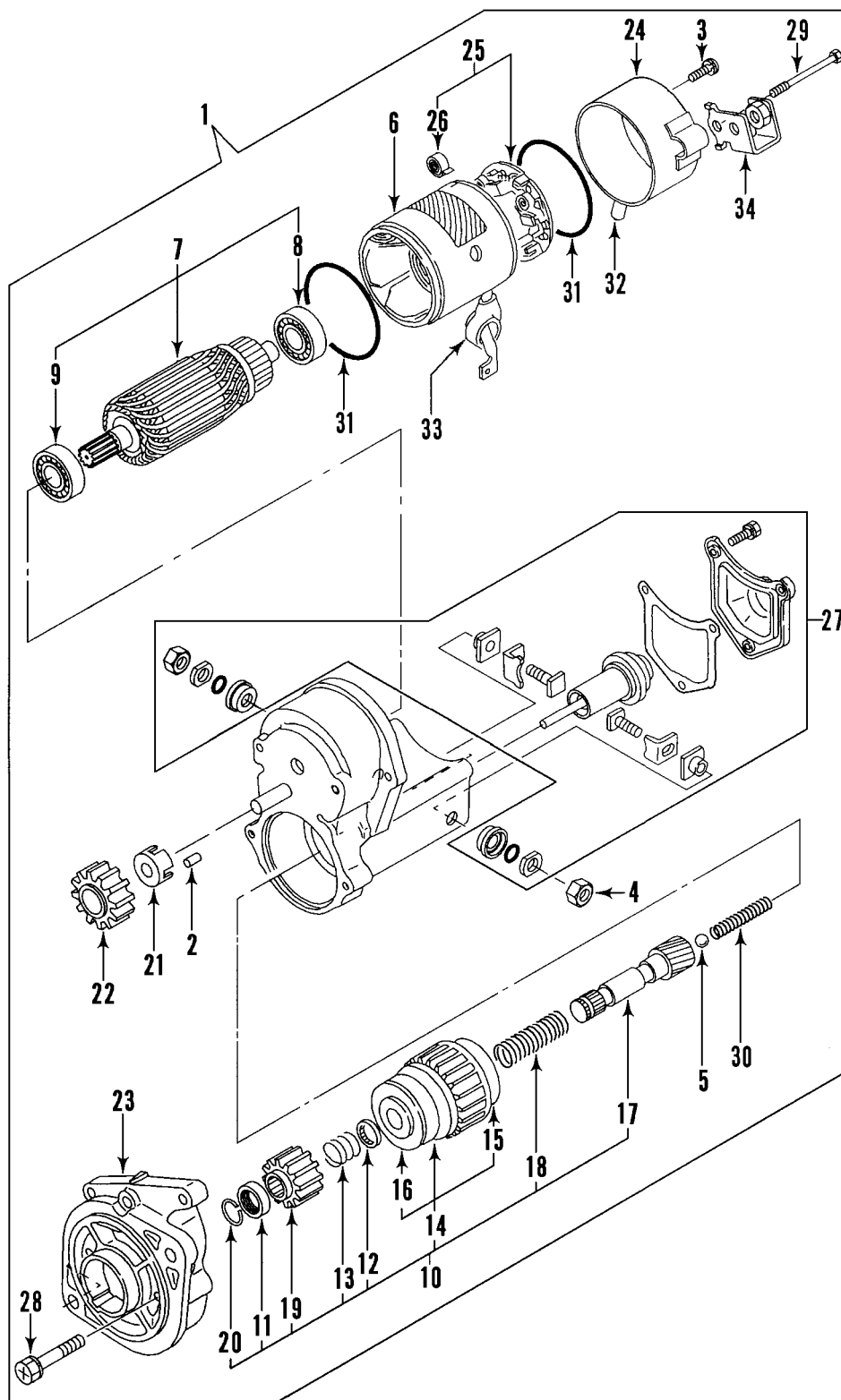
REF	PART NO.	DESCRIPTION	QTY
1	451718	STARTER 1.4 kW (see note)	1
	8452326	STARTER 1.4 kW (reman, see note)	1
	452326	STARTER (standard life plus)	1
2	445466	* ROLLER - clutch	5
3	556202	* SCREW	2
4	554681	* NUT	2
5	445469	* BALL	1
6	411589	* FIELD	1
7	411590	* ARMATURE	1
8	411591	** BEARING	1
9	411592	** BEARING	1
10	411593	* CLUTCH - assembly	1
11	445477	** NUT	1
12	445474	** RETAINER	1
13	411594	** SPRING	1
14	411595	** CLUTCH	1
15	NSS	*** BEARING	1
16	NSS	*** BEARING	1
17	411596	** SHAFT	1
18	411597	** SPRING	1
19	445476	** PINION	1
20	411598	** RING - snap	1
21	411599	* RETAINER	1
22	411600	* PINION	1
23	411601	* HOUSING	1
24	411602	* FRAME	1
25	411603	* HOLDER & BRUSH - assembly	1
26	NSS	** SPRING	4

NOTE: Starter (45-1718 & 845-1718) replaces starter (45-1312 & 845-1312). See Grid 76C11 for replacement parts for starter (45-1312).

132A8



STARTER ASSEMBLY

Revised
01/12/13

Revised
01/12/13

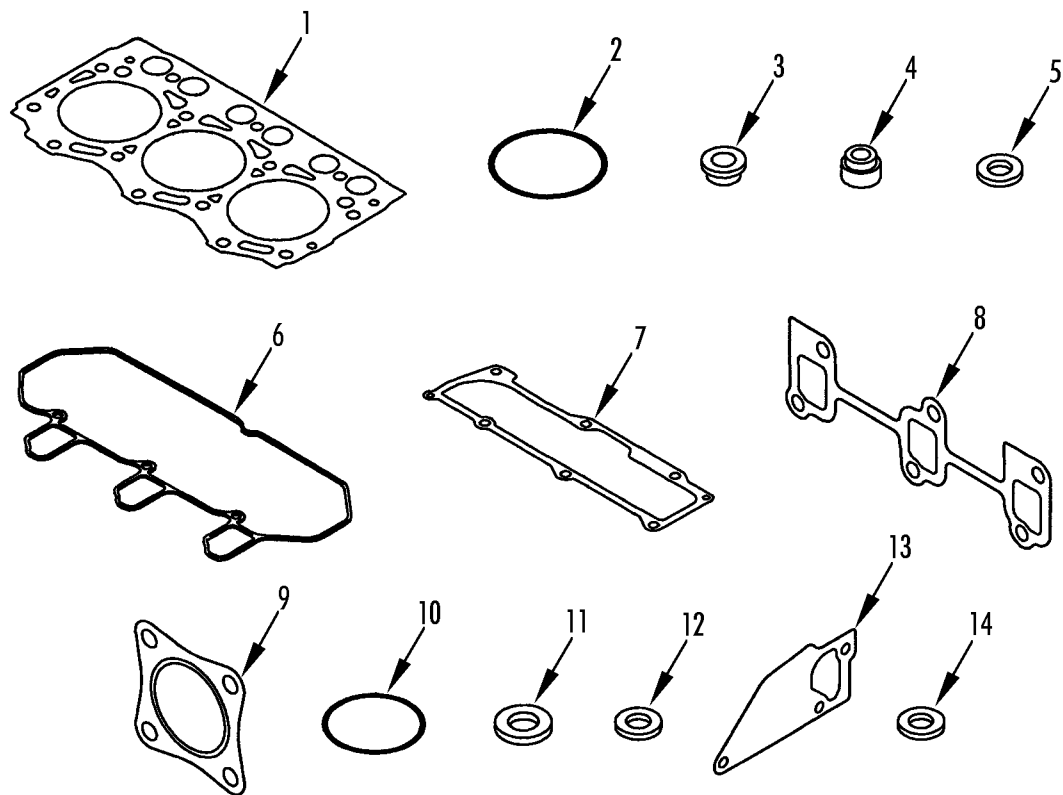
STARTER ASSEMBLY



132A8

REF	PART NO.	DESCRIPTION	QTY
27	411604	* SWITCH - magnetic (assembly)	1
28	558627	* BOLT	2
29	558628	* BOLT	2
30	411605	* SPRING	1
31	332817	* O-RING	2
32	558629	* DRAIN	1
33	411606	* CAP - terminal	1
34	917298	* BRACKET	1

NOTE: Starter (45-1718 & 845-1718) replaces starter (45-1312 & 845-1312). See Grid 76C11 for replacement parts for starter (45-1312).

214A1**GASKET SET (TK 370/370N)**Revised
04/17/13

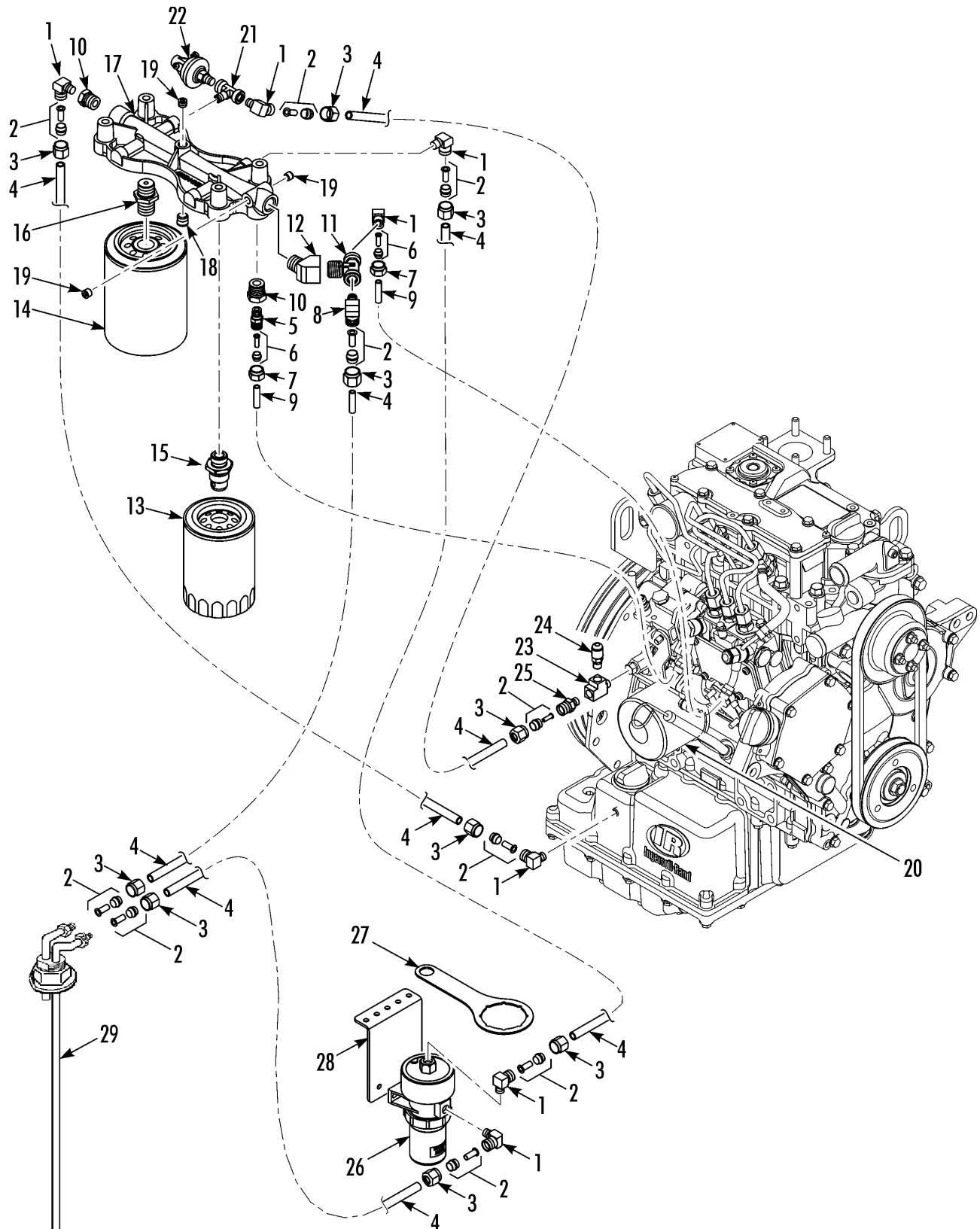
Revised
04/17/13

GASKET SET (TK 370/370N)



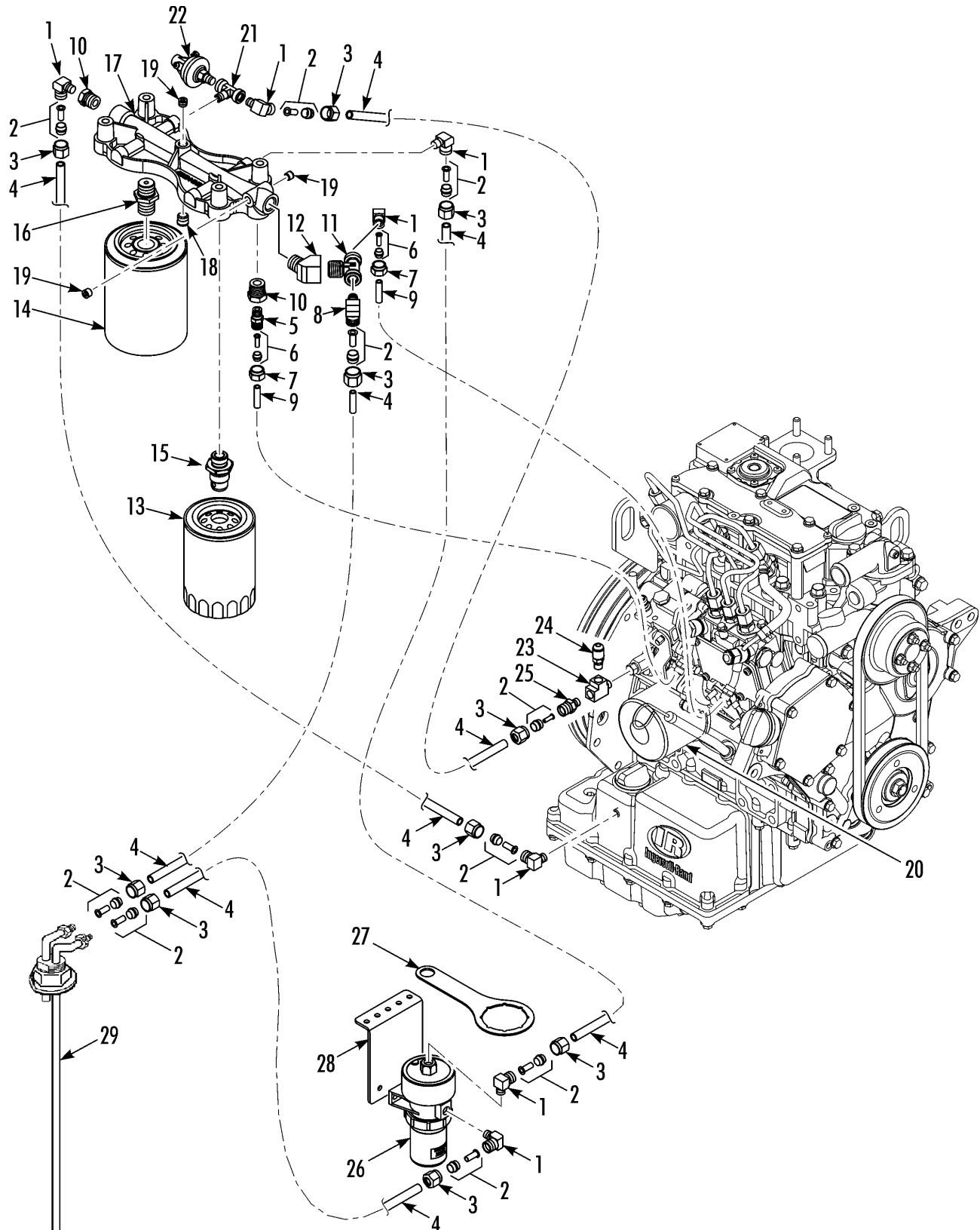
214A1

REF	PART NO.	DESCRIPTION	QTY
	300278	GASKET SET	1
1	334209	* 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
01/19/15

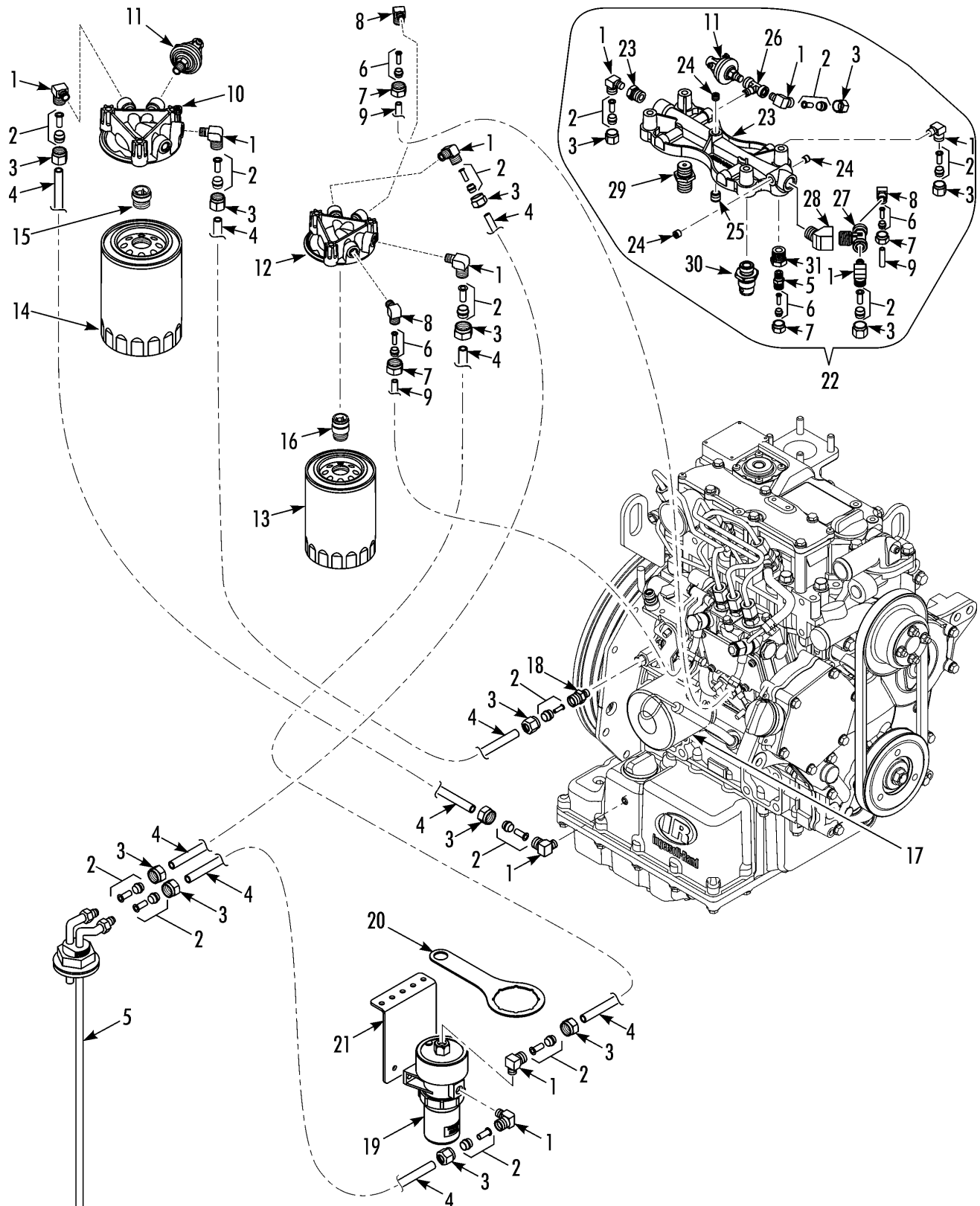
Revised
01/19/15**FUEL & OIL FILTERS, HOSES & FITTINGS****233H0**

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
01/19/15

Revised
01/19/15**FUEL & OIL FILTERS, HOSES & FITTINGS****233H0**

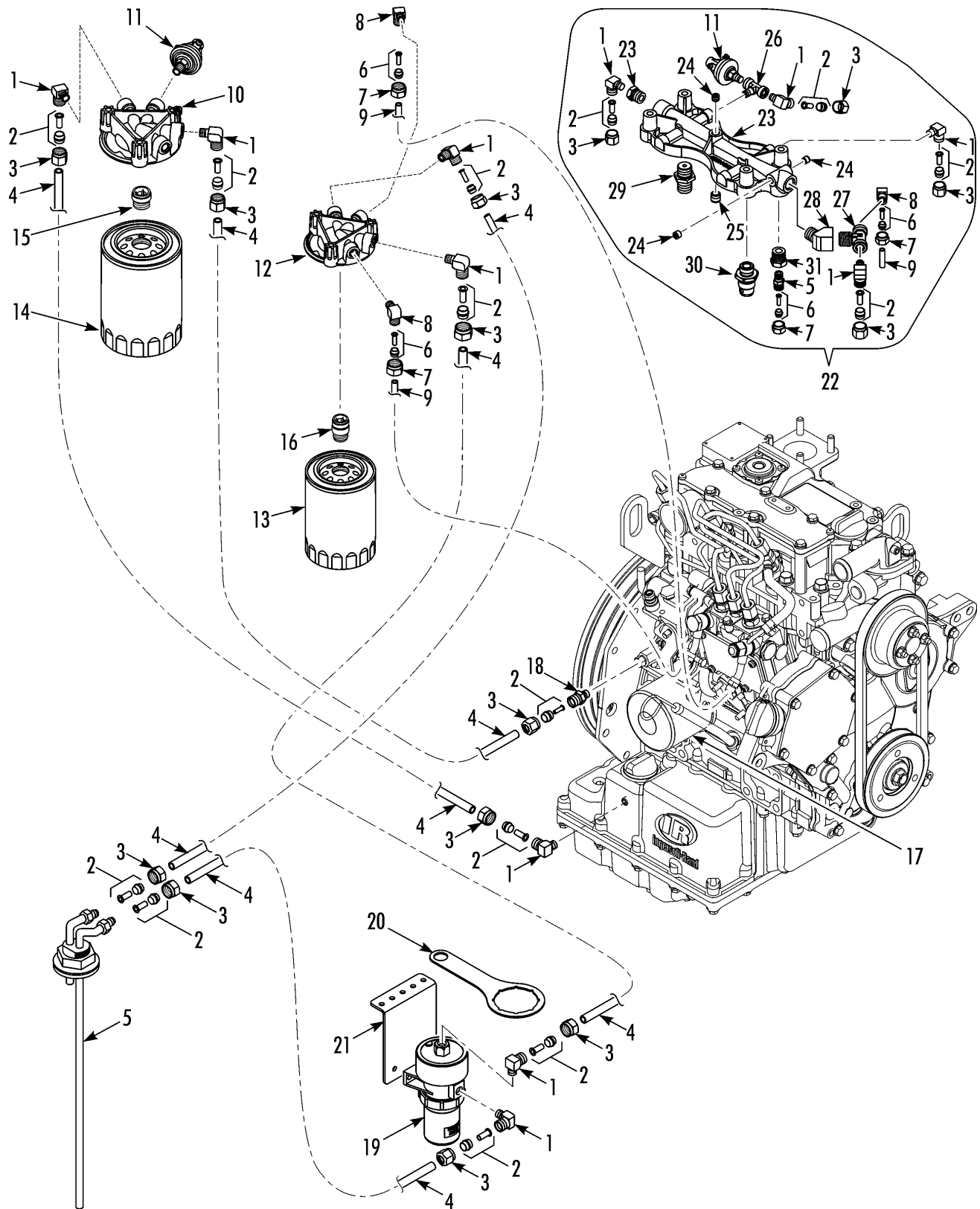
REF	PART NO.	DESCRIPTION	QTY
26	417059	PUMP - fuel (12V)	1
	100378TKA	* KIT - bowl & gasket	1
	100494	* KIT - strainer & o-ring	1
	334736	** O-RING	1
27	2041166	WRENCH - fuel bowl	1
28	925656	BRACKET - fuel pump	1
	551587	SCREW - bracket	2
	552086	FLATWASHER	2
	554953	NUT	2
29	119279	TUBE - fuel pickup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

272B6**FUEL & OIL FILTERS, HOSES & FITTINGS**Revised
04/08/16

Revised
04/08/16**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	512898	ADAPTER - fuel filter	1
16	512899	ADAPTER - bypass oil 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

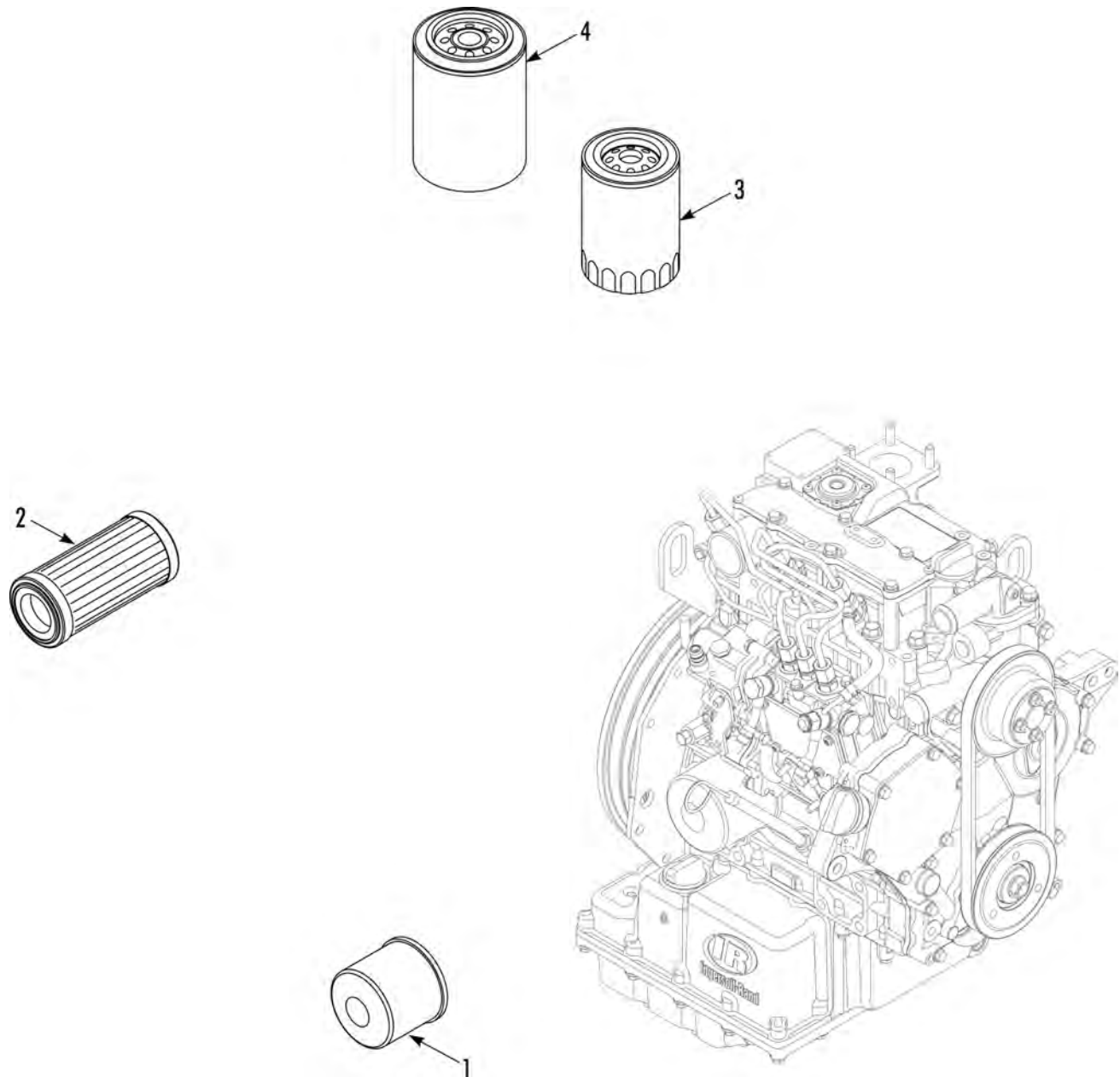
NOTE: The filter heads items 10 and 12 have been replaced with item 22. See PB1587 for information.

272B6**FUEL & OIL FILTERS, HOSES & FITTINGS**Revised
04/08/16

Revised
04/08/16**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

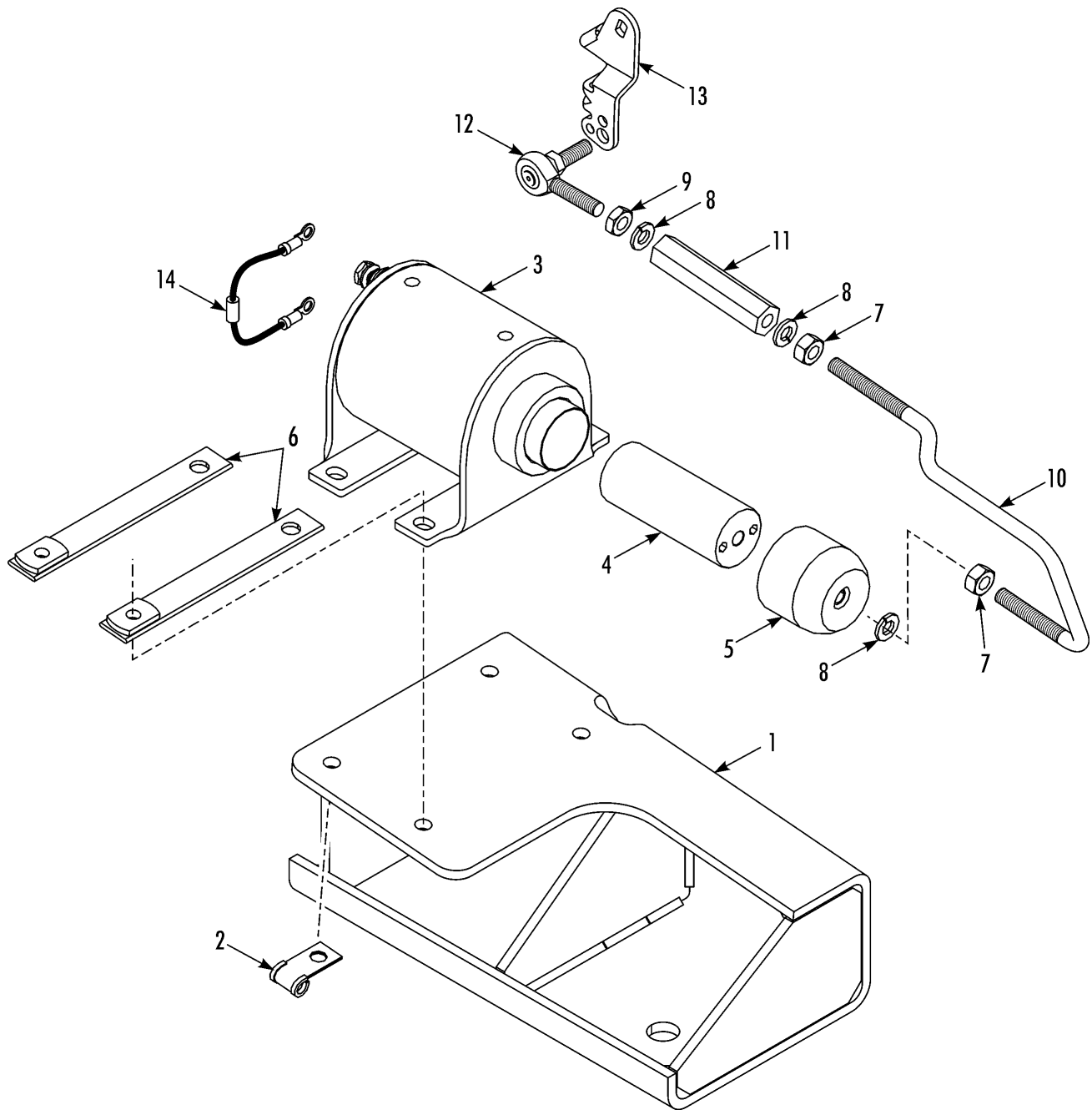
NOTE: The filter heads items 10 and 12 have been replaced with item 22. See PB1587 for information.

272G0**FILTER KIT (TSA Truck Only)**Revised
03/25/14

Revised
03/25/14

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
08/15/13

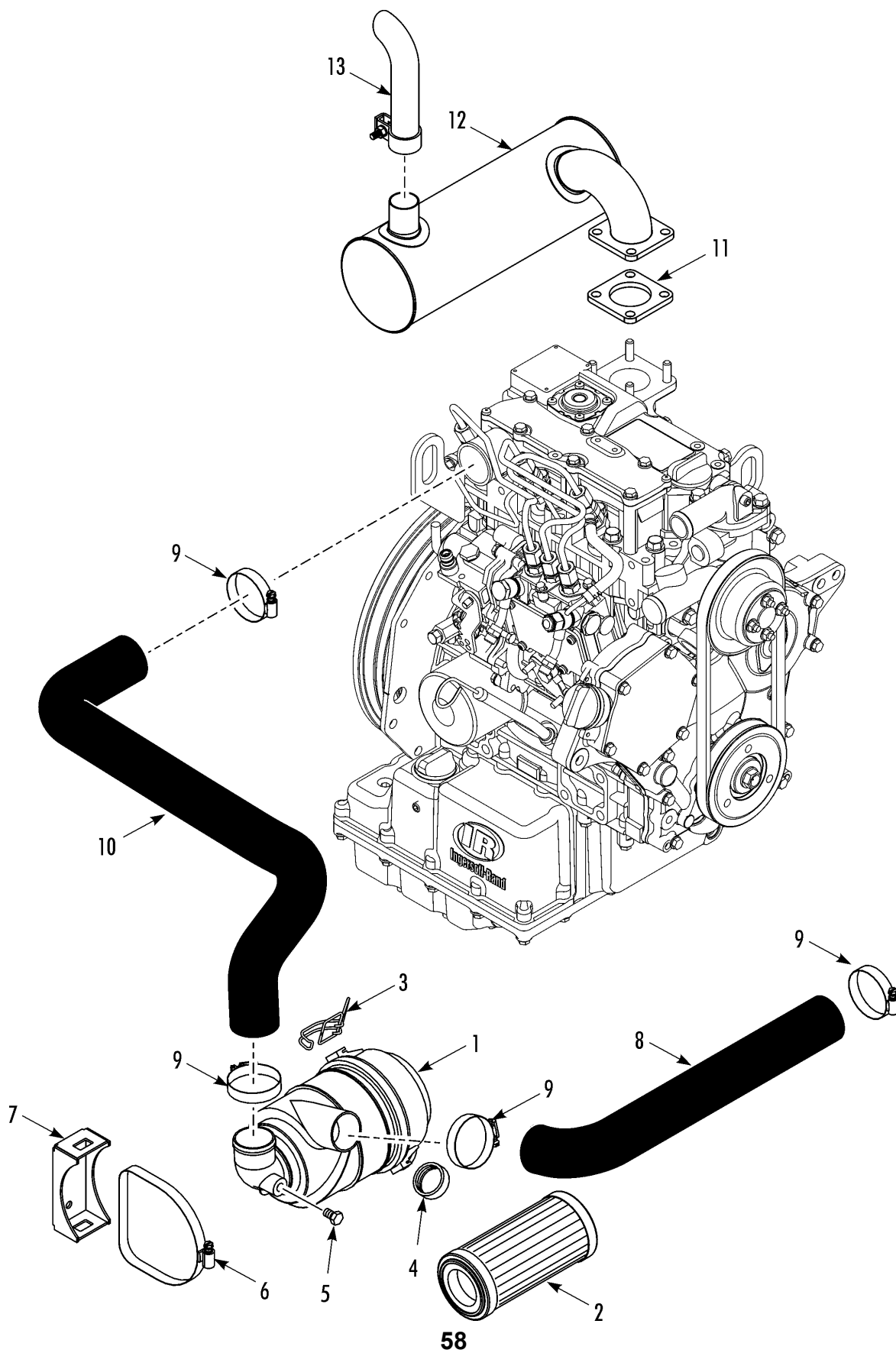
Revised
08/15/13

THROTTLE SOLENOID GROUP



235A4

REF	PART NO.	DESCRIPTION	QTY
1	927530	BRACKET - engine (T-570/600/800)	1
	927659	BRACKET - engine (T-1000/1200)	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
12/20/16

Revised
12/20/16

AIR FILTER & MUFFLER GROUP



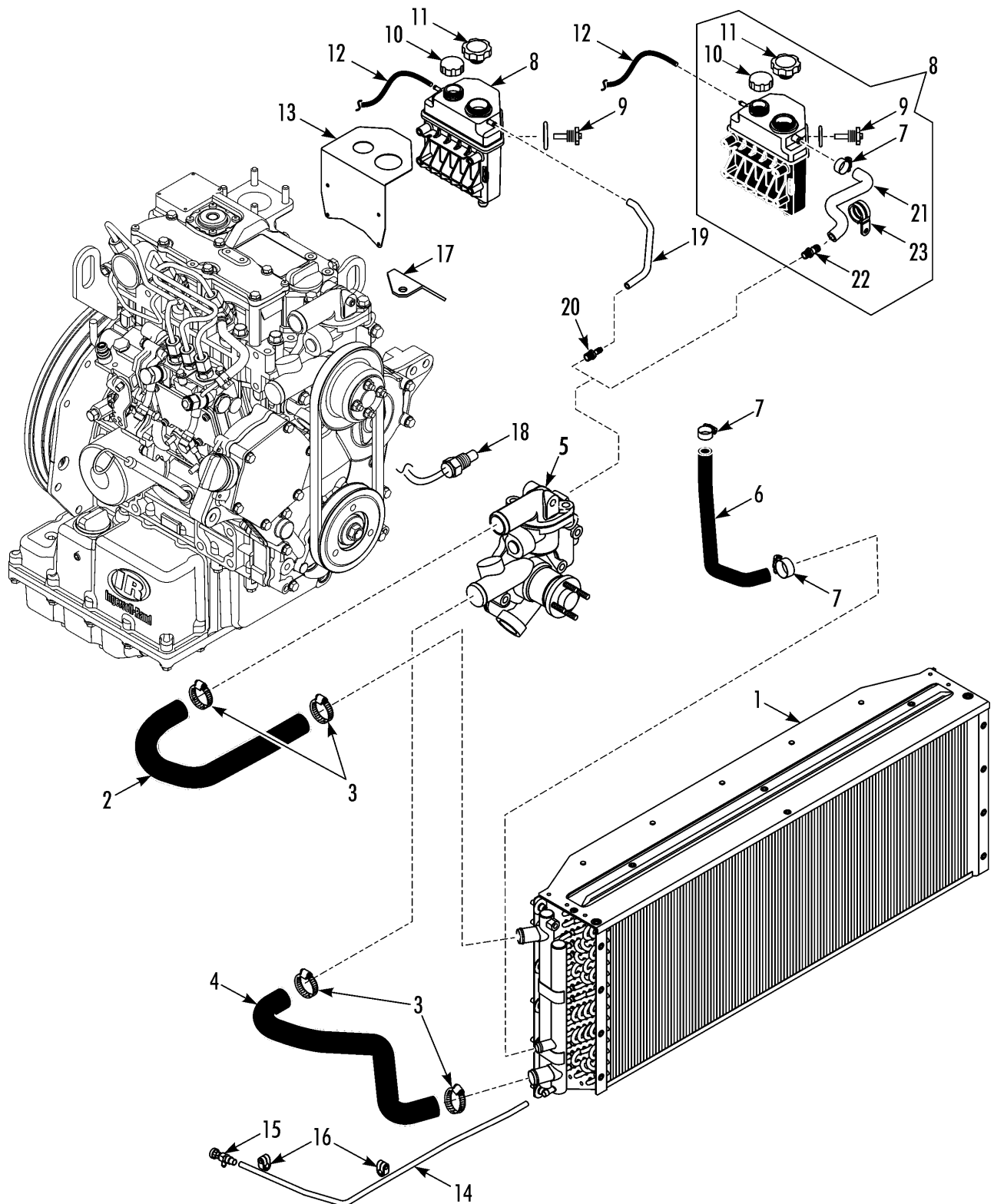
261H9

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

235A1



ENGINE COOLING SYSTEM T-600/800

Revised
01/24/17

Revised
01/24/17**ENGINE COOLING SYSTEM T-600/800****235A1**

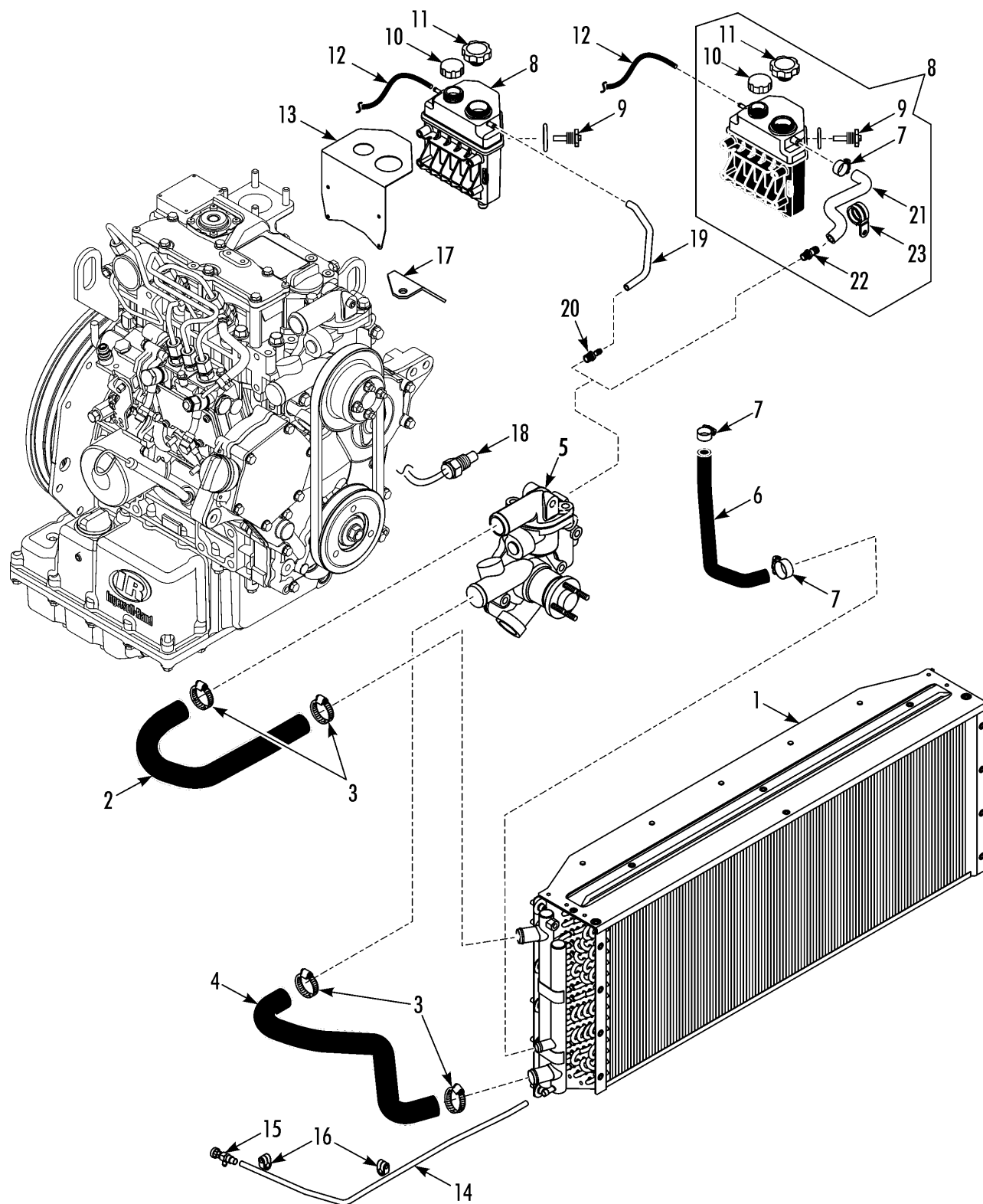
REF	PART NO.	DESCRIPTION	QTY
1	672436	COIL - condenser/ radiator (see condenser refrigeration)	1
	511841TKA	SCREW - coil	12
	557727	LOCKWASHER	12
	557144	WASHER - special	12
2	131004	HOSE - engine to radiator (upper, EPDM)	1
	131002TKA	HOSE - engine to radiator (upper, silicone)	1
3	552818TKA	CLAMP - hose (EPDM)	4
	553401	CLAMP - hose (silicone)	4
4	131005	HOSE - engine to radiator (lower, EPDM)	1
	131003	HOSE - engine to radiator (lower, silicone)	1
5	132269	PUMP - coolant (see 213H6)	1
6	131008	HOSE - coil to coolant tank (EPDM)	1
	131007	HOSE - coil to coolant tank (silicone)	1
7	555002	CLAMP - hose	4
8	100529	KIT - coolant tank (includes items 9 - 11, 21 - 23)	1
	131057	* TANK - coolant (replaces 13-984)	1
9	422347	** SWITCH - coolant level	1
	333007	** O-RING - switch	1
10	130957	** CAP - overflow	4
11	130990TKA	** CAP - tank (15 psi)	1
	119632	CAP - tank (7 psi, see grid note)	1
	555955	SCREW - tank	4
	557478	LOCKWASHER	4
	554638	FLATWASHER	4
12	980771	HOSE - overflow	1
13	927627	COVER - tank (used with old tank, 13-984)	1
	510718	SCREW - cover	4
14	130999	TUBE - drain coolant	1
15	557134	* COCK - drain	1

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

235A1



ENGINE COOLING SYSTEM T-600/800

Revised
01/24/17

Revised
01/24/17**ENGINE COOLING SYSTEM T-600/800****235A1**

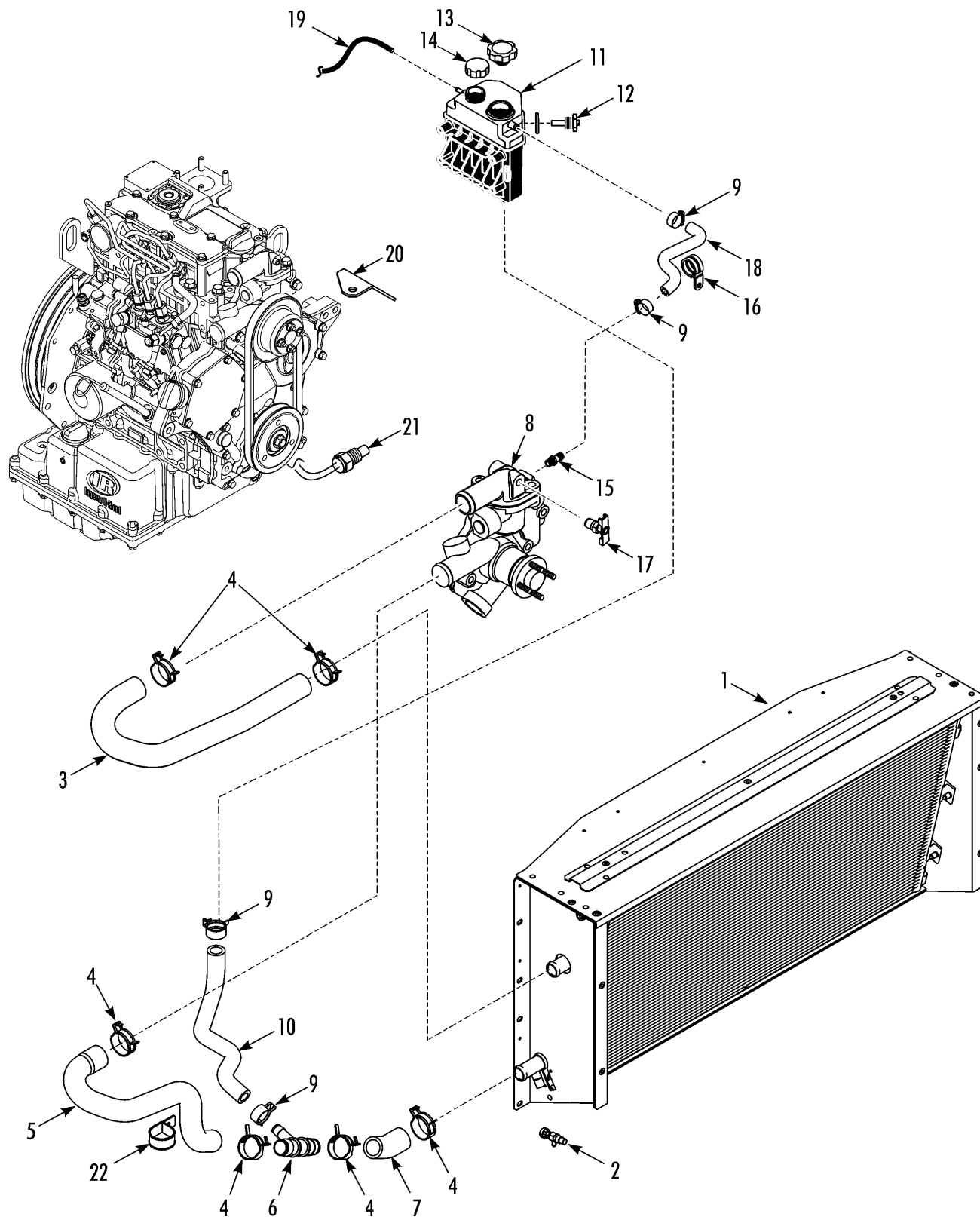
REF	PART NO.	DESCRIPTION	QTY
	662672	* ADAPTER - drain cock	1
	2030385	SEALER - thread	A/R
16	556388	CLAMP - tube	2
	557029	SCREW - clamp (M6X65)	1
	552001	SCREW - clamp (M6X35)	2
	555929	SPACER	2
	557170	LOCKWASHER	2
	557075	FLATWASHER	2
17	927531	BRACKET - sensor	1
18	416538	SENSOR - engine coolant	1
	118041	HOSE - bleed (3/8 id EPDM, use w/ tank 13-984)	A/R
	121095	HOSE - EPDM (3/8 x 25 ft)	A/R
20	511810	FITTING - straight (3/8 thread, 3/8 barb)	1
21	131052	HOSE - bleed (5/8 id EPDM, use w/ tank 13-1057)	1
	131053	HOSE - bleed (5/8 id silicone, use w/ tank 13-1057)	1
22	554167	FITTING - straight (3/8 thread, 5/8 barb)	1
23	554552	CLAMP - hose	1
	554606	SCREW - clamp	1
	554638	FLATWASHER	1
	557478	LOCKWASHER	1

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

259H5



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

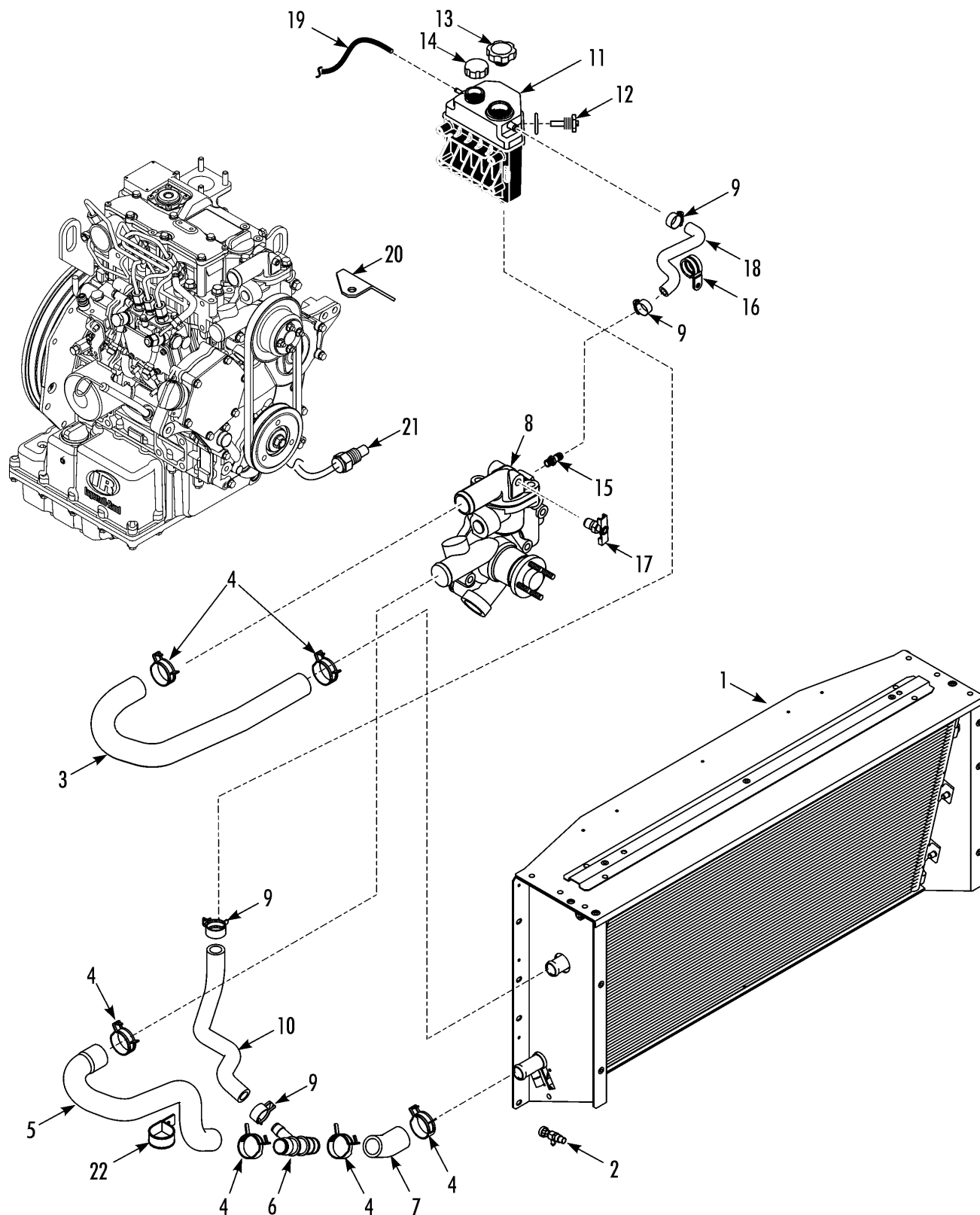
 Revised
01/24/17


Revised
01/24/17**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)	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
14	130957	CAP - overflow	4
15	554167	FITTING - straight	1
	2030385	SEALER - thread	A/R
16	554552	CLAMP - hose	1
	554606	SCREW - clamp	1

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

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

 Revised
01/24/17


Revised
01/24/17

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



259H5

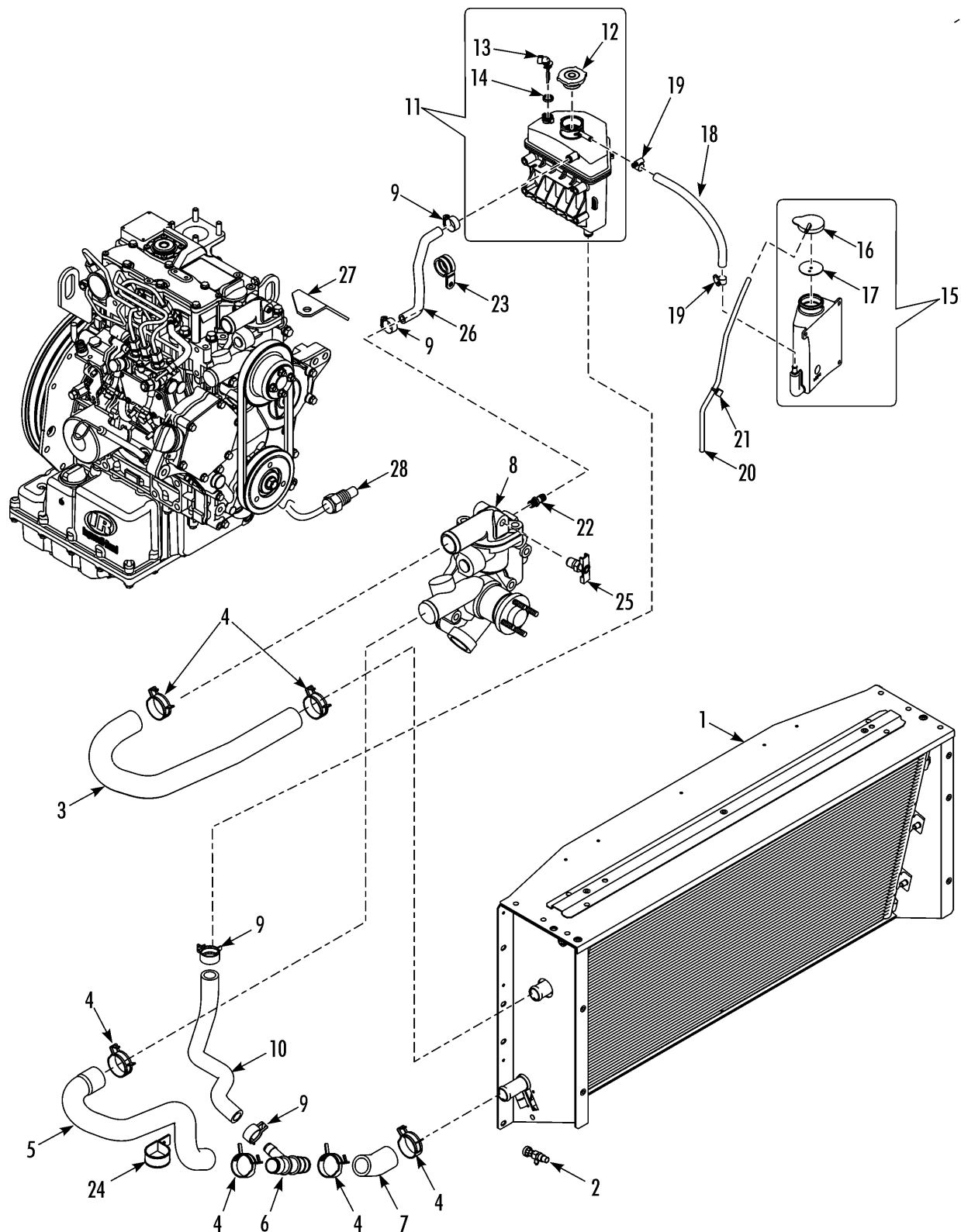
REF	PART NO.	DESCRIPTION	QTY
	557478	LOCKWASHER	1
17	556789	COCK - drain	1
18	131052	HOSE - bleed	1
	980771	HOSE - overflow (cut to 100 inches)	A/R
20	927531	BRACKET - sensor	1
21	416538	SENSOR - engine coolant	1
22	5030349	CLAMP - hose	1

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

306D3



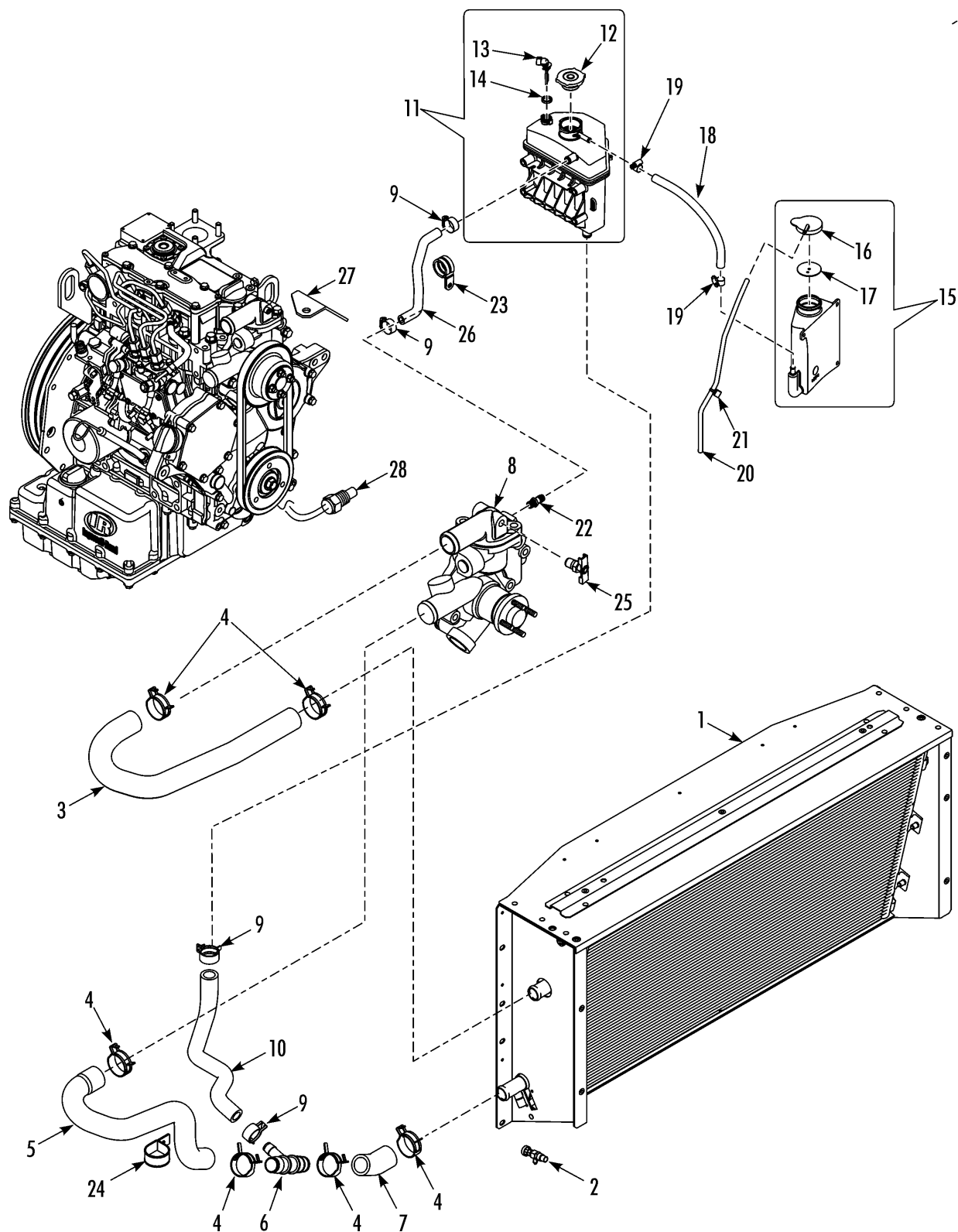
ENGINE COOLING SYSTEM (10/16 & AFTER, MICRO-CHANNEL COIL)

 Revised
01/24/17


Revised
01/24/17**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)	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
22	554167	FITTING - straight	1
	2030385	SEALER - thread	A/R

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

 Revised
01/24/17


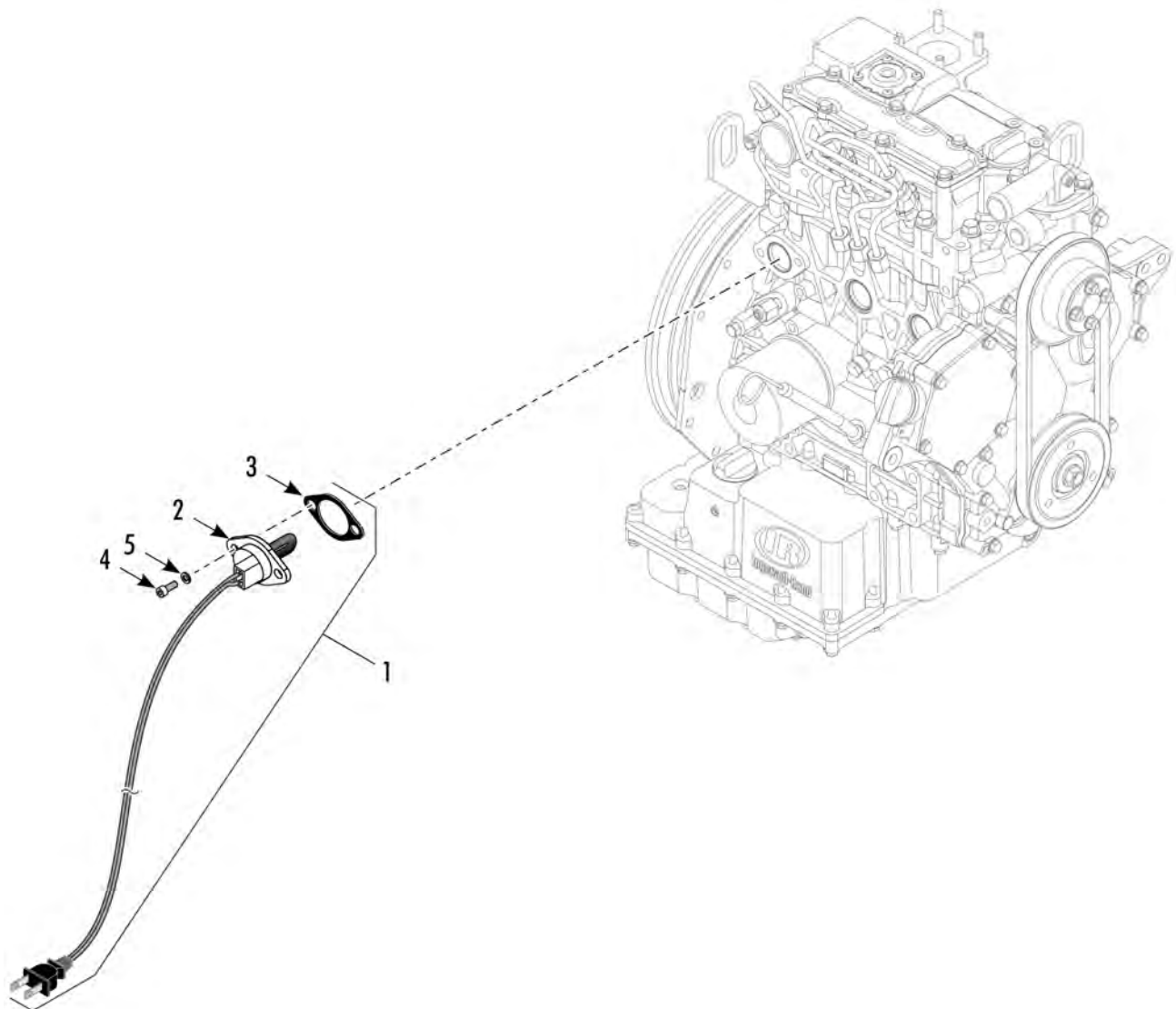
Revised
01/24/17

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



306D3

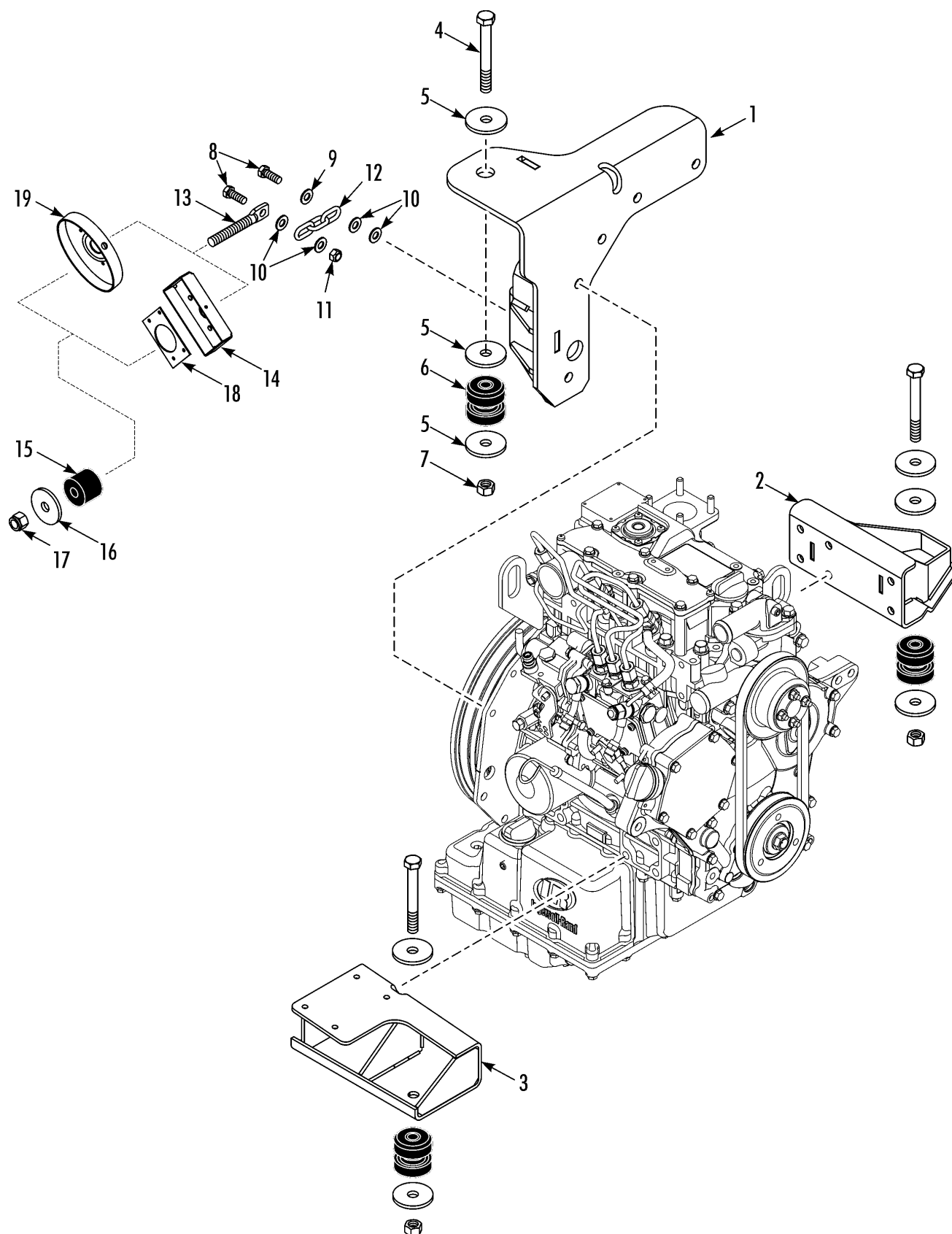
REF	PART NO.	DESCRIPTION	QTY
23	554552	CLAMP - hose	1
24	5030349	CLAMP - hose	1
	554606	SCREW - clamp	2
	557478	LOCKWASHER	2
25	556789	COCK - drain	2
26	132472	HOSE - bleed	1
27	927531	BRACKET - sensor	1
28	416538	SENSOR - engine coolant	1

118B7**ENGINE BLOCK HEATER**Revised
06/19/14

Revised
06/19/14

ENGINE BLOCK HEATER**118B7**

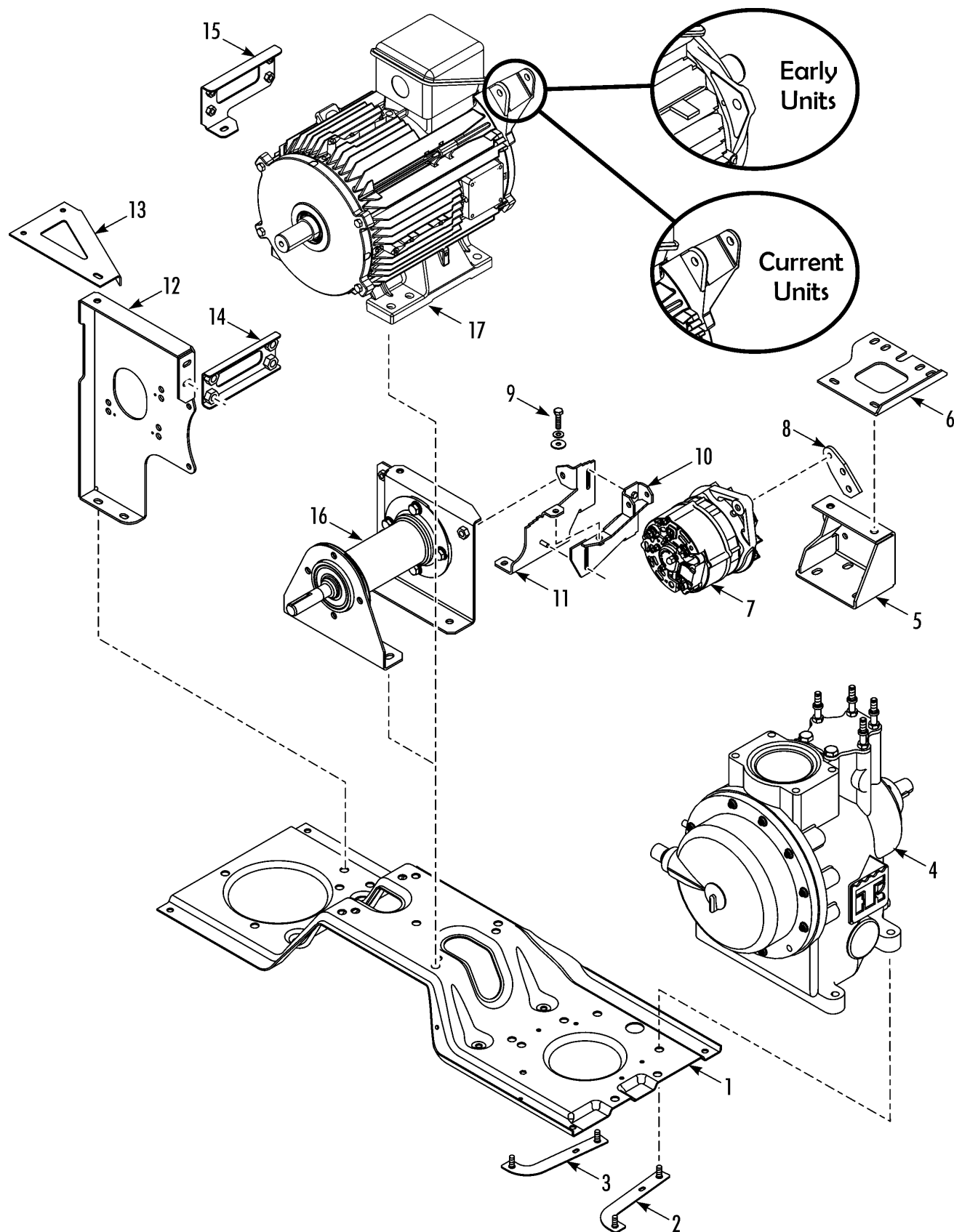
REF	PART NO.	DESCRIPTION	QTY
1	400530	KIT - engine block heater (120VAC)	1
2	410463	* HEATER - engine block	1
3	332509	* GASKET - heater	1
4	557726	* SCREW - heater	2
5	557727	* LOCKWASHER	2

250B0**ENGINE MOUNTING GROUP (TK 370N)**Revised
01/14/15

Revised
01/14/15**ENGINE MOUNTING GROUP (TK 370N)****250B0**

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, see note)	3
7	553686	NUT	3
8	553048	SCREW - chain	2
9	557122	WASHER - belleville	1
10	552641	FLATWASHER	4
11	558658	NUT	2
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

NOTE: See PB1519 for vibration mount replacement information.

236H2**COMPRESSOR & MOTOR/JACKSHAFT
MOUNTING T-600/800**Revised
06/29/17

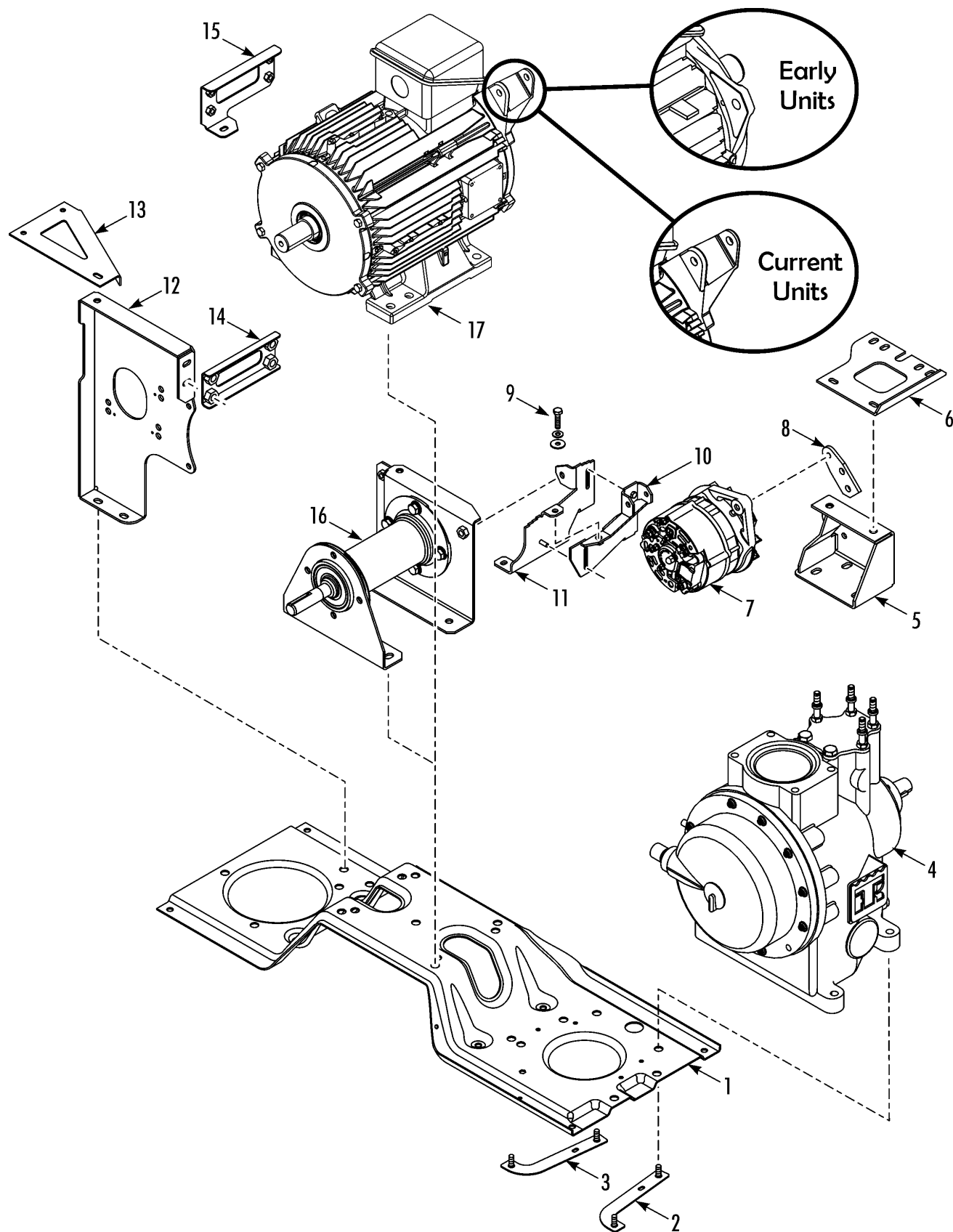
Revised
06/29/17**COMPRESSOR & MOTOR/JACKSHAFT
MOUNTING T-600/800****236H2**

REF	PART NO.	DESCRIPTION	QTY
1	988210	TRAY - power	1
	557004	SCREW - tray	8
	557072	FLATWASHER	8
	551173	LOCKWASHER	8
2	927549	BOLTSTRIP - compressor	1
3	927550	BOLTSTRIP - compressor	1
4	1020946	COMPRESSOR - scroll (see 235H4)	1
	557005	NUT - compressor	4
	555667	WASHER	4
	557144	WASHER - special	4
5	927763	BRACKET - compressor/alternator	1
	558423	WASHER - Bellville	8
	557792	NUT- compressor	4
6	927633	BRACKET - compressor/frame	1
	555424	SCREW - bracket	2
	557069	FLATWASHER	2
	557727	LOCKWASHER	2
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
	422341	FAN - alternator (bi-directional)	1
	556215	SCREW - alternator (M8 x 30)	1
	557727	LOCKWASHER (M8)	1
	557069	FLATWASHER (M8)	1
	555579	SCREW - alternator (M10 x 80)	1
	557072	FLATWASHER	2
	557005	NUT	1
8	927634	BRACKET - alternator	1
	555424	SCREW - bracket	2
	557727	LOCKWASHER	2
	557069	FLATWASHER	1

236H2

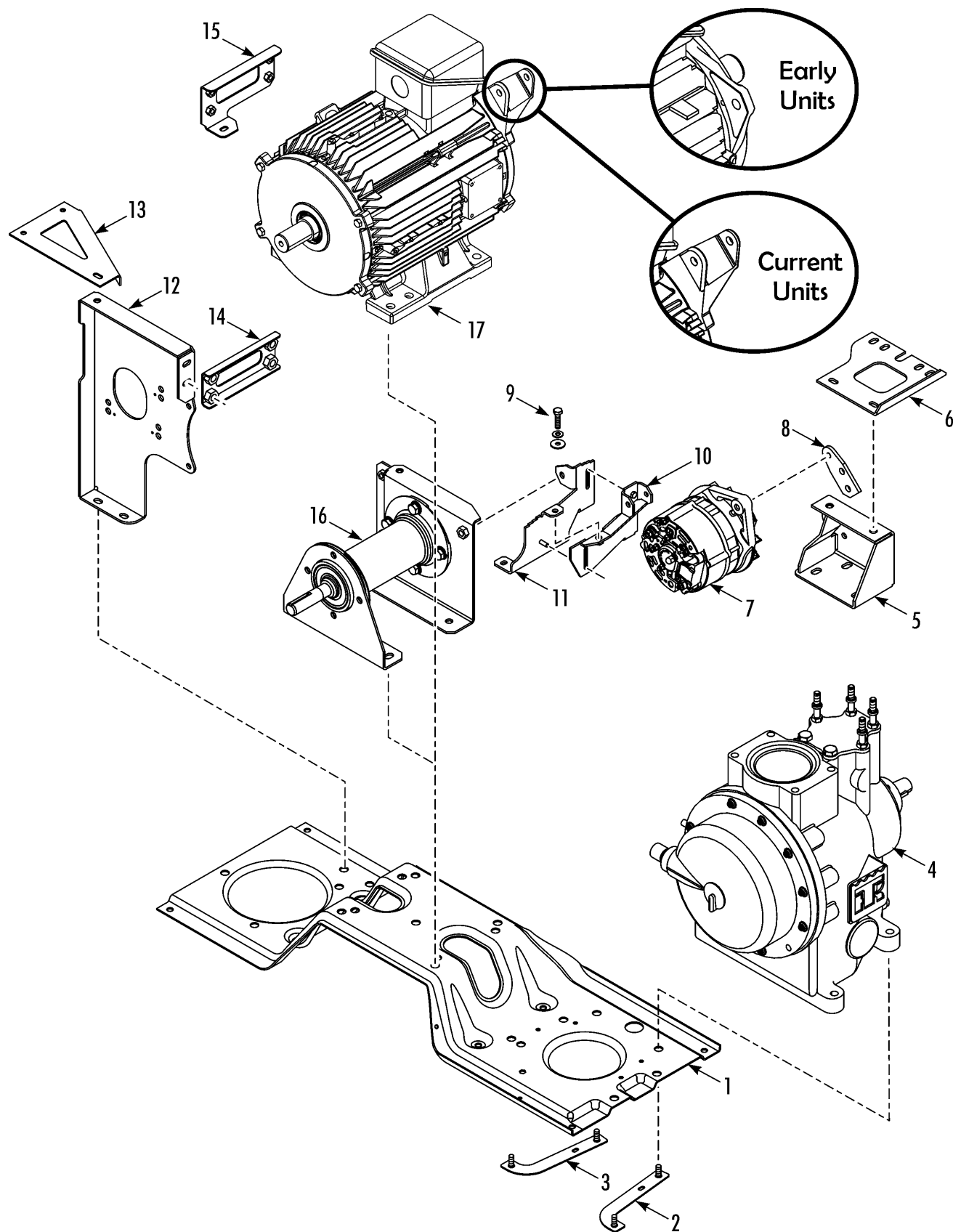


COMPRESSOR & MOTOR/JACKSHAFT MOUNTING T-600/800

 Revised
06/29/17


Revised
06/29/17**COMPRESSOR & MOTOR/JACKSHAFT
MOUNTING T-600/800****236H2**

REF	PART NO.	DESCRIPTION	QTY
	553289	WASHER - special	1
	511959	SCREW - bracket to alternator	1
	557006	NUT - lock	1
	554621	NUT	1
9	511904	SCREW - alternator adjust	2
	557072	FLATWASHER	2
	557005	NUT	2
10	927756	BRACKET - clevis	1
	557006	NUT - bracket	2
	553289	WASHER - special	2
11	927759	BRACKET - alternator/motor	1
	555579	SCREW - bracket	2
	557072	FLATWASHER	2
	551173	LOCKWASHER	2
12	900437TKA	BRACKET - tension	1
	555579	SCREW - bracket	3
	557072	FLATWASHER	3
	551173	LOCKWASHER	3
13	929228	BRACKET - arch support	1
	555424	SCREW - bracket	3
	557069	FLATWASHER	3
	557727	LOCKWASHER	3
14	927793	BRACKET - tension (30s)	1
15	927547	BRACKET - tension (50s)	1
	556764	SCREW - bracket (M8 X 70)	2
	556215	SCREW - bracket (M8 X 20)	2
	557072	FLATWASHER	4
	557122	WASHER - Bellville	4
	551173	LOCKWASHER	4
16	781695	JACKSHAFT (see 235H7)	1

236H2**COMPRESSOR & MOTOR/JACKSHAFT
MOUNTING T-600/800**Revised
06/29/17

Revised
06/29/17

**COMPRESSOR & MOTOR/JACKSHAFT
MOUNTING T-600/800**



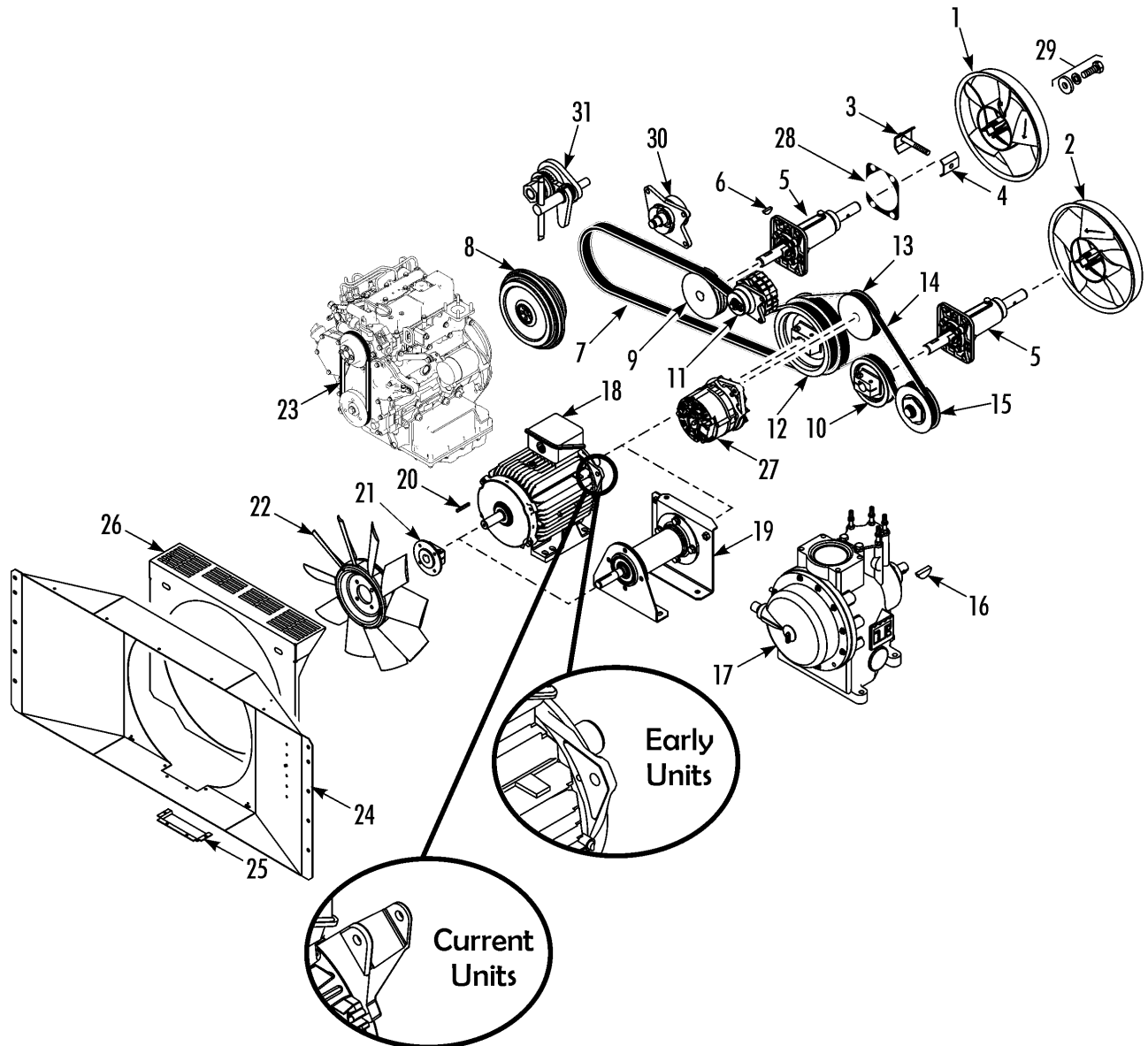
236H2

REF	PART NO.	DESCRIPTION	QTY
17	1040784	MOTOR (before 5/13, 7.2 hp)	1
	1040801	MOTOR (5/13 & after, 7.2 hp)	1

235A6



BELTS, PULLEYS & FAN GROUP (T-600/ T-800)

 Revised
06/29/17


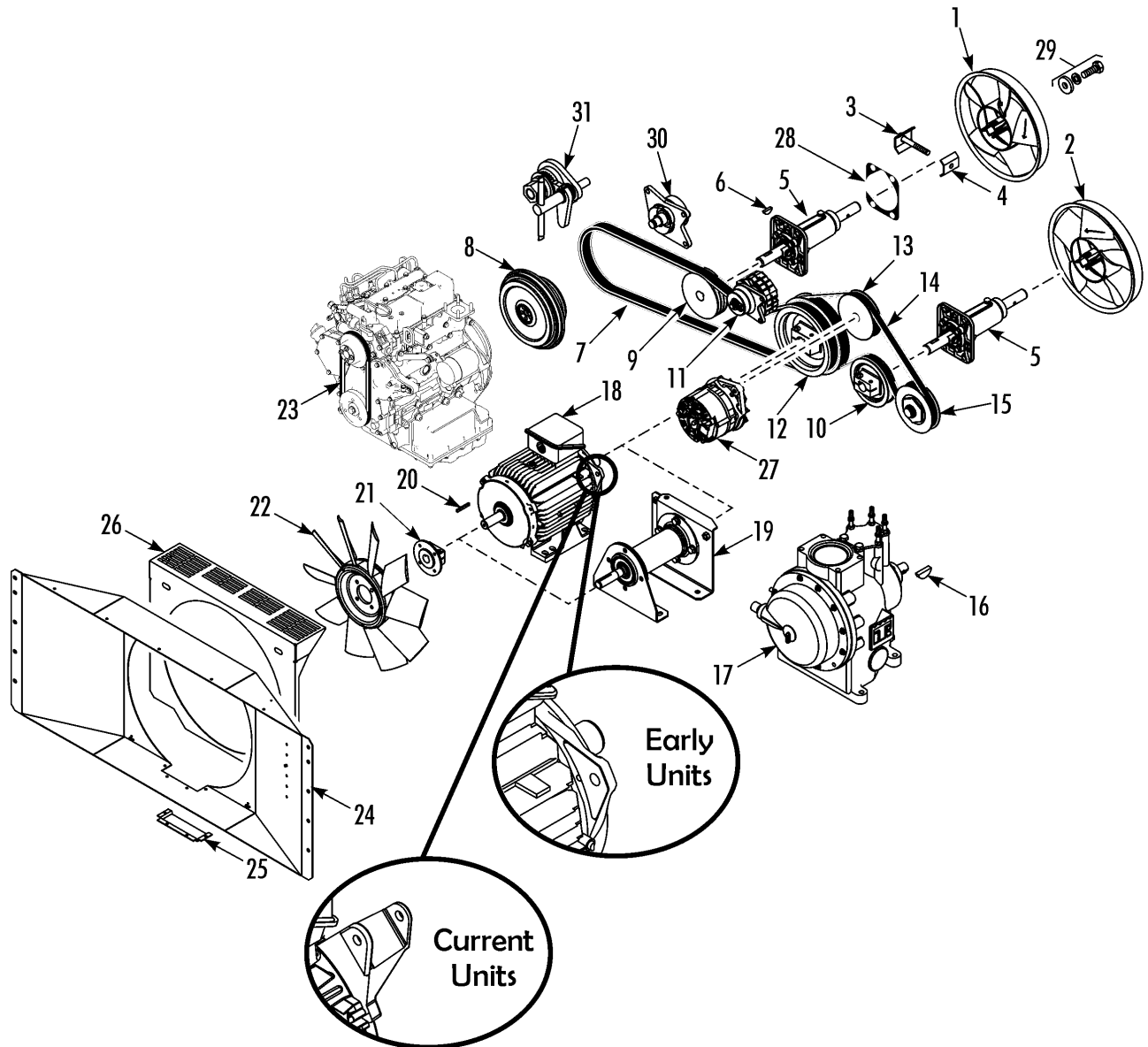
Revised
06/29/17**BELTS, PULLEYS & FAN GROUP (T-600/ T-800)****235A6**

REF	PART NO.	DESCRIPTION	QTY
1	781307	FAN - evaporator (engine side)	1
2	781306	FAN - evaporator (compressor side)	1
3	772961	CLIP - hub (w/ screw)	2
4	771464	CLIP - hub	2
	557042	NUT	2
	557170	LOCKWASHER	2
	557075	FLATWASHER	2
5	781682	FANSHAFT (see 235H1)	2
	554680	SCREW - fanshaft	8
	557072	FLATWASHER	8
	551173	LOCKWASHER	8
6	550457	KEY - woodruff	2
7	781668	BELT - engine to motor	1
8	1070349	CLUTCH (see 145F4)	1
	555022	SCREW - clutch	6
9	772953	PULLEY - evaporator fan (engine side)	1
10	773039	PULLEY - evaporator fan (compressor side)	1
	511005	SCREW - pulley	4
11	773037TKA	PULLEY - idler (see 242G8)	1
12	772954	PULLEY - motor/ jackshaft	1
13	772951	PULLEY - alternator	1
14	781681	BELT - motor to compressor	1
15	772950	PULLEY - compressor	1
16	555371	KEY - woodruff	1
17	1020946	COMPRESSOR - scroll (see 235H4)	1
18	1040784	MOTOR (before 5/13, 7.2 hp)	1
	1040801	MOTOR (5/13 & after, 7.2 hp)	1
19	781695	JACKSHAFT (see 235H7)	1
20	552048	KEY - square	1
21	771699	HUB - fan	1

235A6



BELTS, PULLEYS & FAN GROUP (T-600/ T-800)

Revised
06/29/17

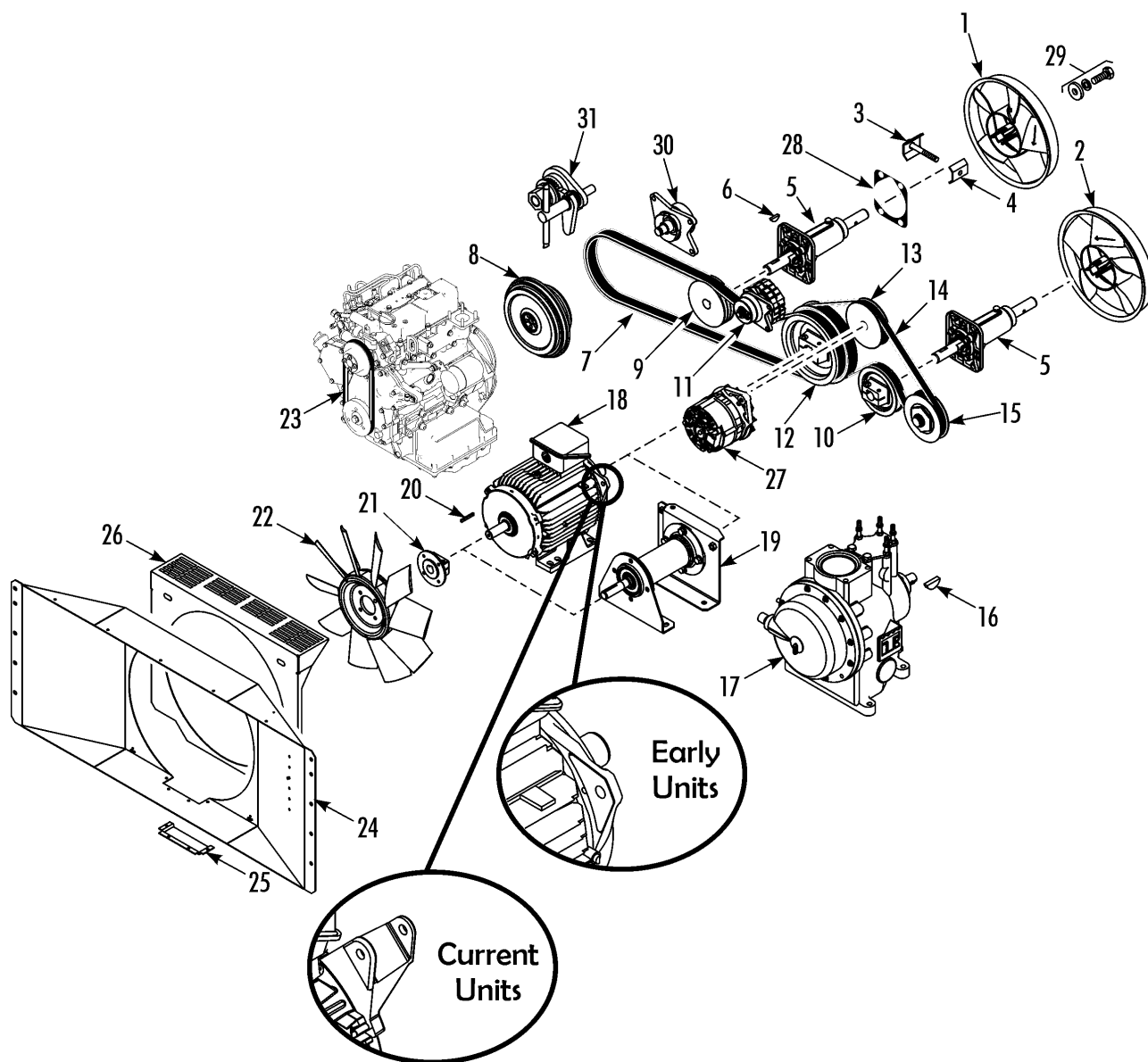
Revised
06/29/17**BELTS, PULLEYS & FAN GROUP (T-600/ T-800)****235A6**

REF	PART NO.	DESCRIPTION	QTY
	558650	SCREW - hub	2
	550790	LOCKWASHER	2
	550371	FLATWASHER	2
22	781403TKA	FAN - condenser	1
	550141	SCREW - fan	4
	550790	LOCKWASHER	4
23	781492	BELT - water pump (see 213H6)	1
24	988206	PLENUM - condenser fan	1
	989019	PLENUM - condenser fan (micro channel coil, before 10/16)	1
	989668	PLENUM - condenser fan (micro channel coil, 10/16 & after)	1
25	927535	* POCKET - plenum	1
	511602TKA	* RIVET - pocket	4
	559975	* CLIP - retaining	2
	511840TKA	* RIVET - clip (1/8)	2
	929927	* CLIP - retaining (micro channel coil)	2
	553136	* RIVET - clip (3/16)	12
26	921551	ORIFICE - condenser fan	1
	556994	SCREW - orifice	2
	557144	WASHER - special	2
	557727	LOCKWASHER	2
27	452589	ALTERNATOR (original equipment, 37A / 14V, w/o fan, see 208F4)	1
	452592	ALTERNATOR (standard life plus, 37A / 14V, w/o fan, see 208F4)	1
	8452681	ALTERNATOR (37A, w/o fan, reman, North America)	1
	8452589	ALTERNATOR (37A, w/o fan, reman, Europe)	1
	422341	FAN - alternator (bi-directional)	1
28	927758	SPACER - fanshaft housing (engine side)	1
29	557355	SCREW - fan	2
	557347	LOCKWASHER	2
	511877	WASHER - special	2
30	781636	TENSIONER ASSEMBLY (optional)	1

235A6



BELTS, PULLEYS & FAN GROUP (T-600/ T-800)

Revised
06/29/17

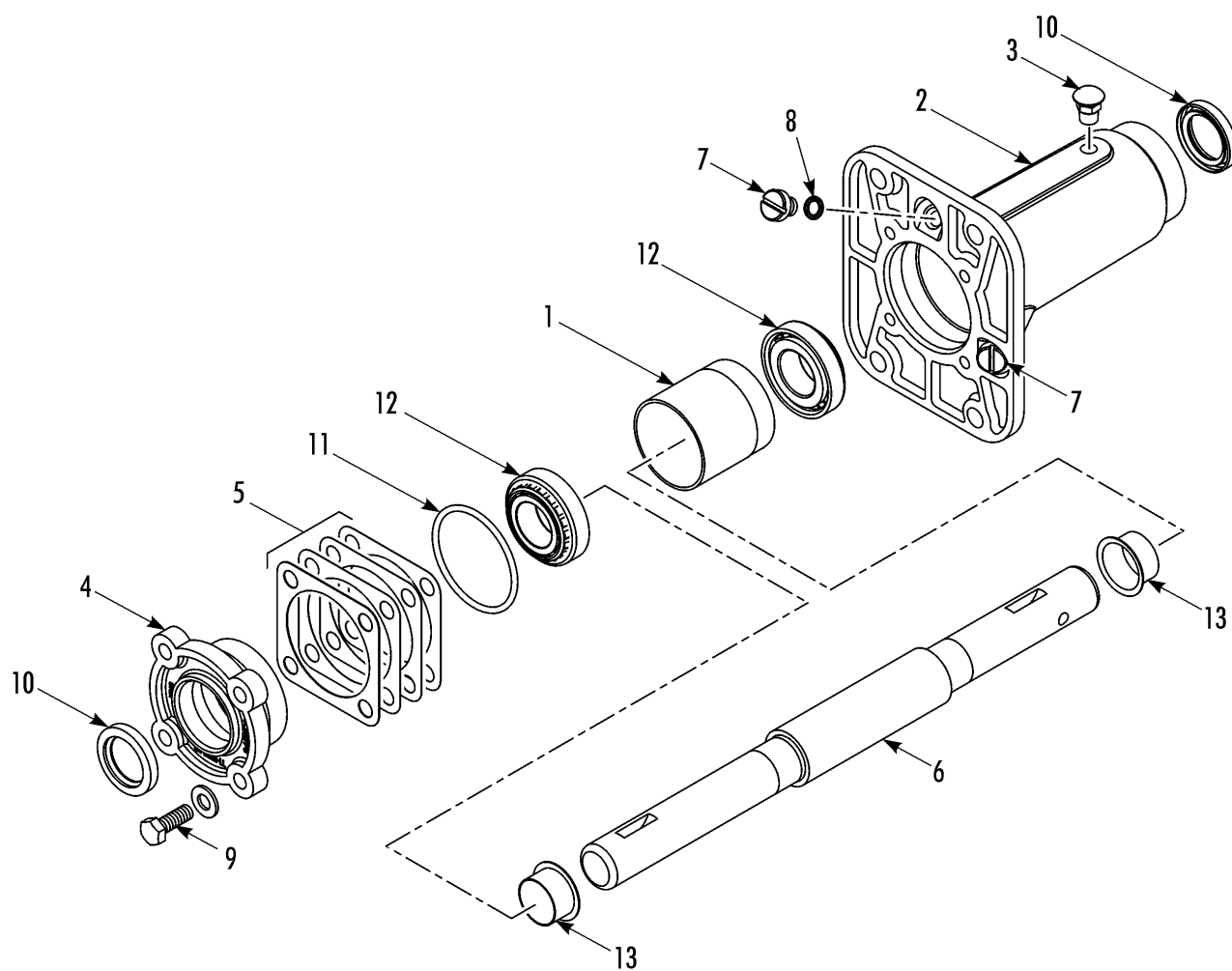
Revised
06/29/17

**BELTS, PULLEYS & FAN GROUP (T-600/ T-
800)**



235A6

REF	PART NO.	DESCRIPTION	QTY
31	2041915	TOOL - belt tensioner (tensioner 78-1636)	1

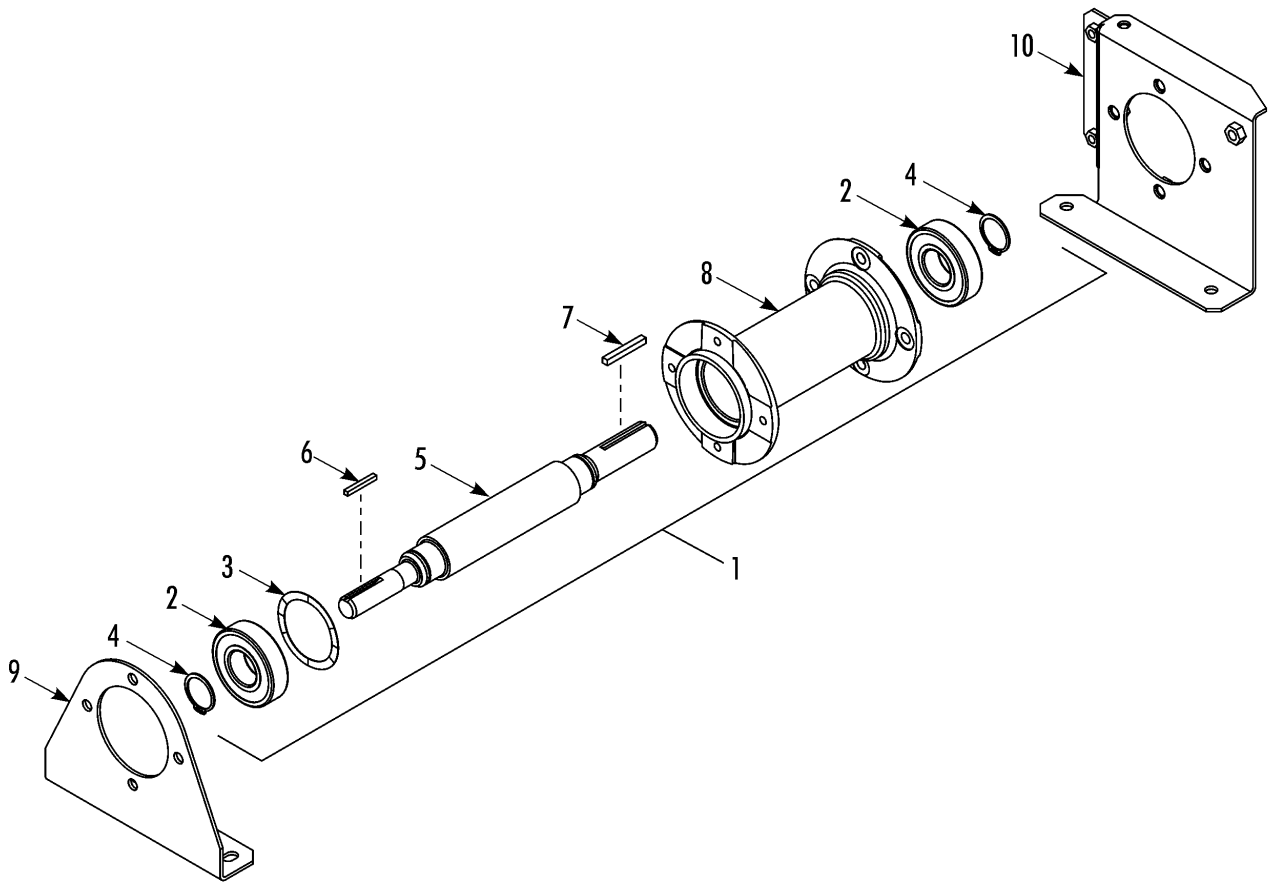
235H1**FANSHAFT ASSEMBLY**Revised
04/02/14

Revised
04/02/14

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

235H7**JACKSHAFT ASSEMBLY (before 2/13)**Revised
06/29/17

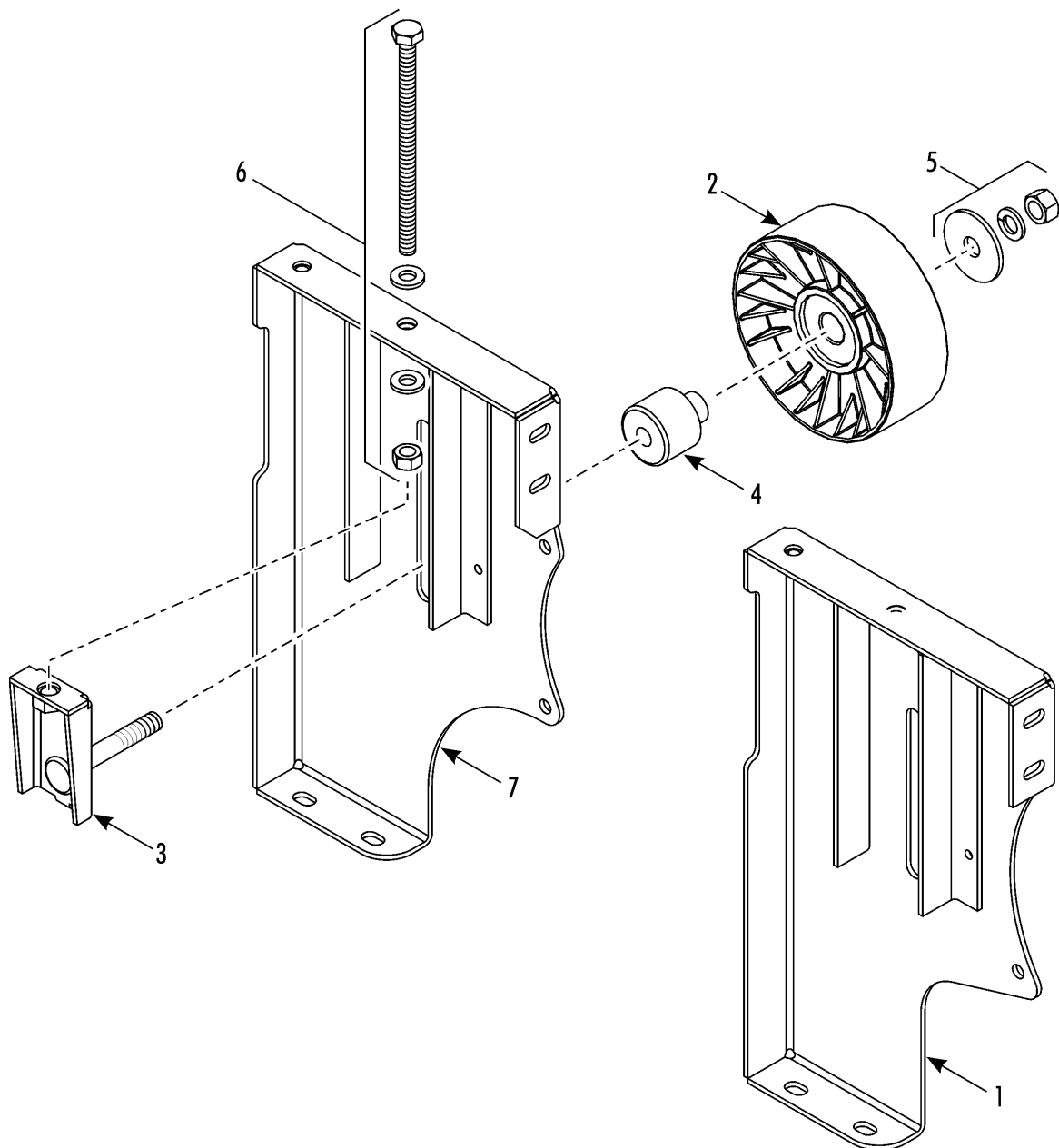
Revised
06/29/17

JACKSHAFT ASSEMBLY (before 2/13)



235H7

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	550351	* KEY (1.5 in lg)	1
7	551108	* KEY (2.0 in lg)	1
8	NSS	* HOUSING	1
9	927844	BRACKET - condenser side	1
10	927660	BRACKET - evaporator side	1
	555969	SCREW - bracket to housing	8
	551173	LOCKWASHER	8
	557072	FLATWASHER	8

242G8**IDLER PULLEY (before 2/11)**Revised
07/17/12

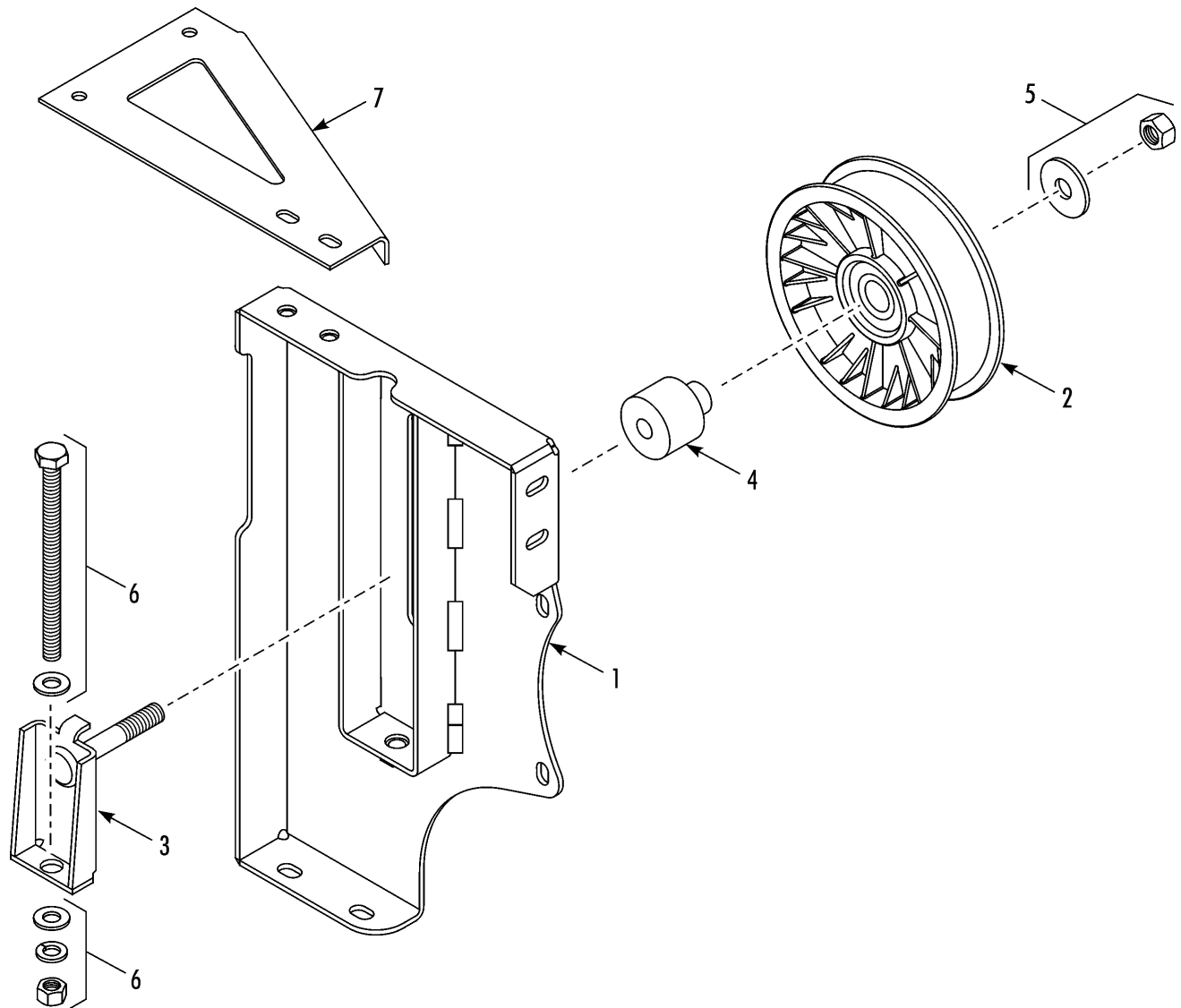
Revised
07/17/12

IDLER PULLEY (before 2/11)



242G8

REF	PART NO.	DESCRIPTION	QTY
1	900438TKA	BRACKET - tensioner (T-1000/1000R/1000M/1200R)	1
2	773037TKA	* PULLEY - tensioner	1
3	928376TKA	* BRACKET - adjuster	1
4	772996TKA	* BUSHING - pulley	1
5	558471	* NUT - pulley	1
	556283	* LOCKWASHER	1
	511468	* FLATWASHER	1
6	512023TKA	* SCREW - adjuster	1
	557072	* FLATWASHER	2
	556573	* NUT	1
7	900437TKA	BRACKET - tensioner (T-570R/600/600R/600M/800/800R/800M)	1

250F5**IDLER PULLEY (2/11 & after)**Revised
03/24/16

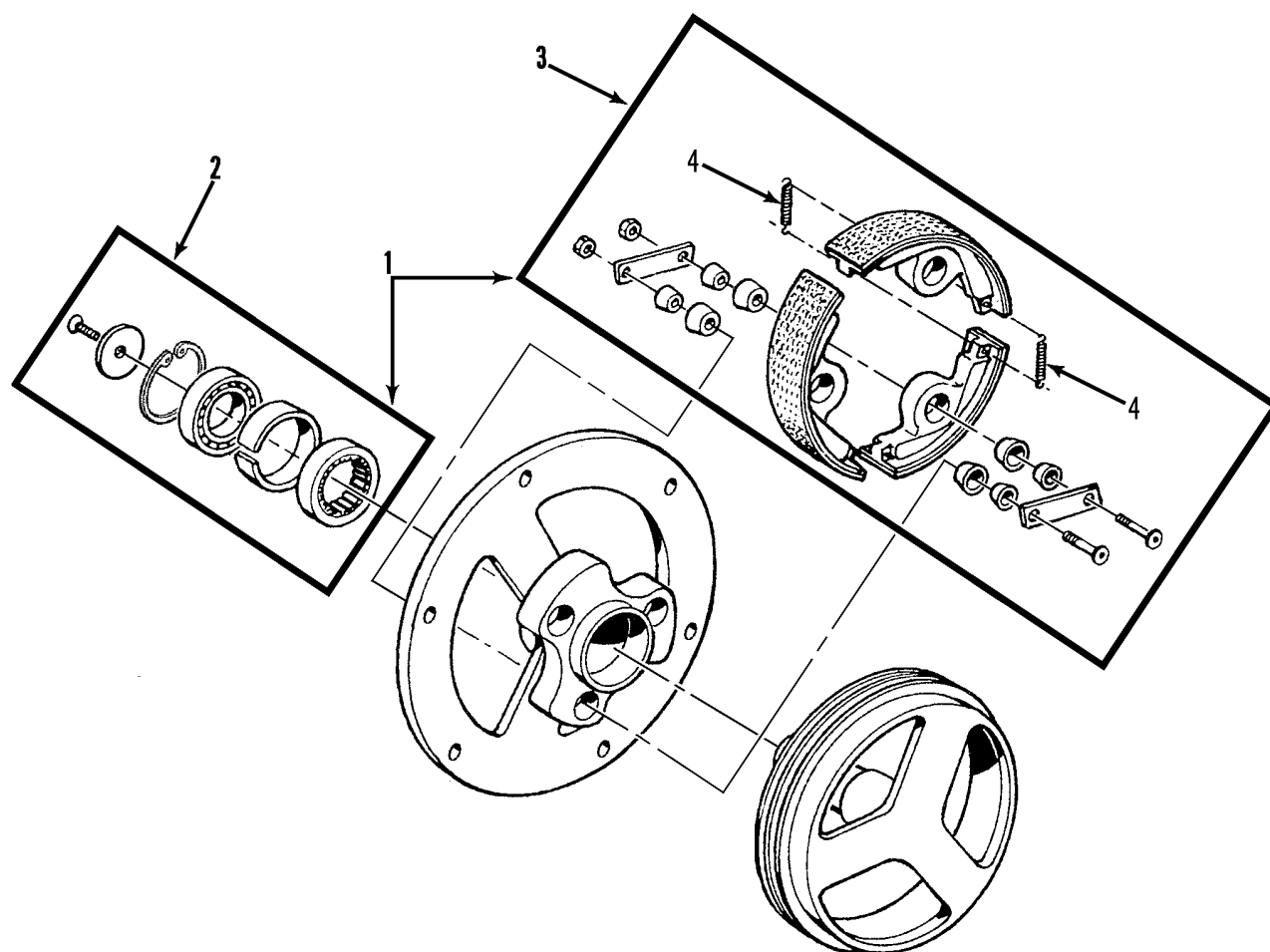
Revised
03/24/16

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

145F4**CLUTCH ASSEMBLY (1070349)**Revised
09/21/16

Revised
09/21/16

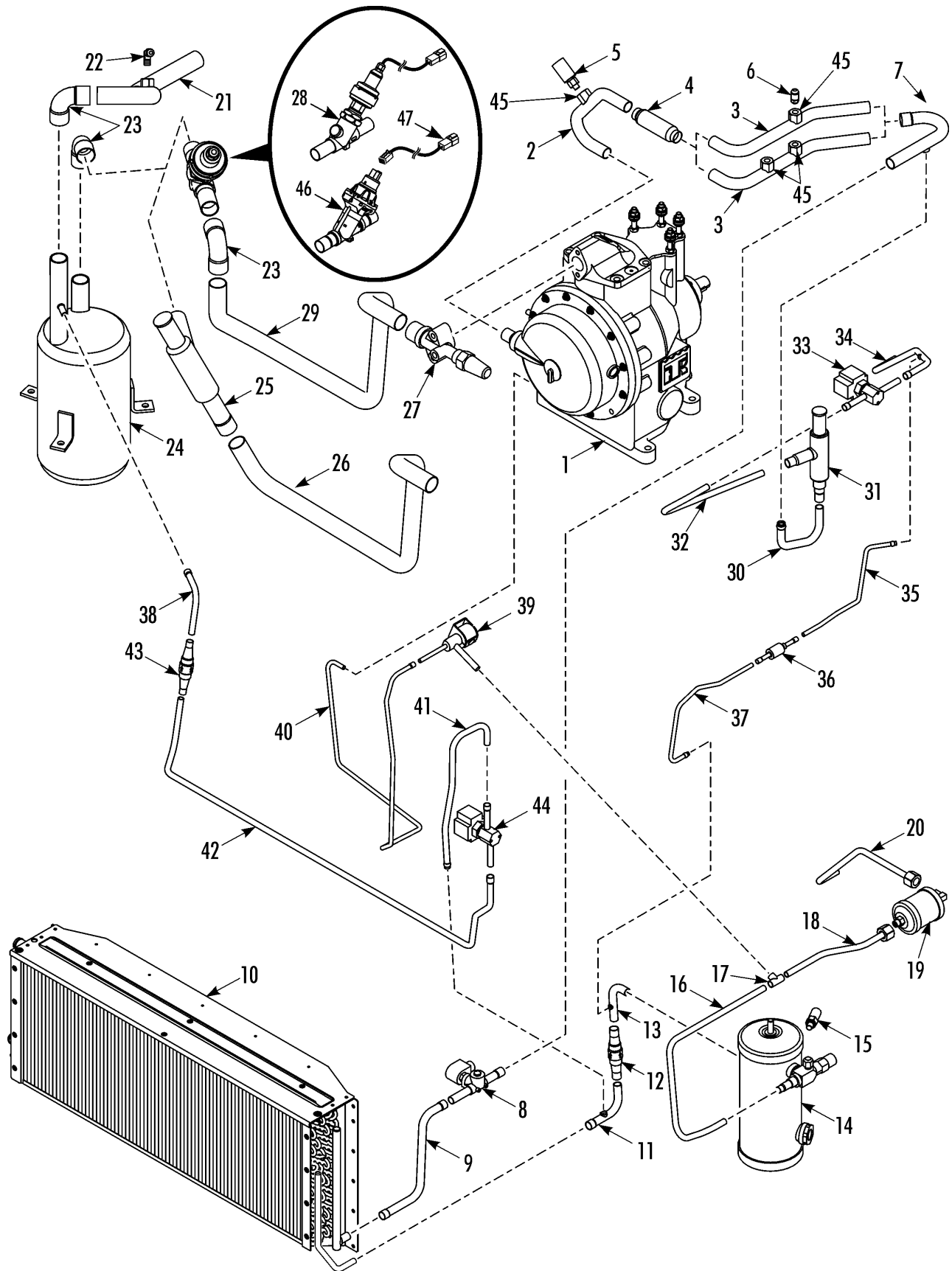
CLUTCH ASSEMBLY (1070349)



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.

235A2**REFRIGERATION - CONDENSER T-600/800**Revised
10/13/16

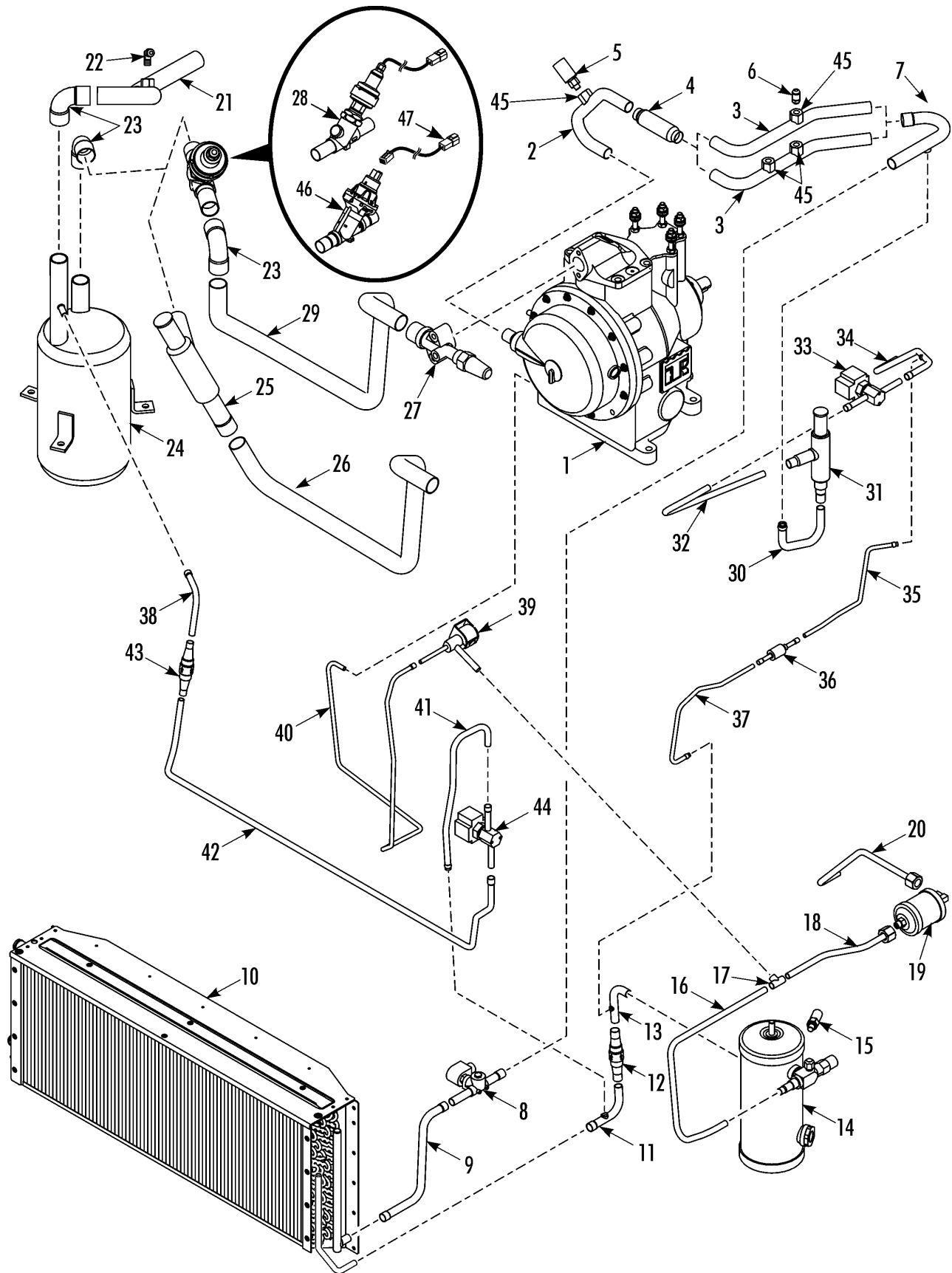
Revised
10/13/16

REFRIGERATION - CONDENSER T-600/800



235A2

REF	PART NO.	DESCRIPTION	QTY
1	1020946	COMPRESSOR - scroll (see 235H4)	1
2	614683	TUBE - compressor to strainer	1
3	614684	TUBE - strainer to swage (MTV)	1
	614687	TUBE - strainer to swage (ETV)	1
4	614682	STRAINER - discharge	1
5	413847	SWITCH - hpco	1
6	112886	VALVE (Schrader)	1
7	614669	TUBE - joint to condenser valve	1
8	612950	VALVE - condenser inlet	1
9	614670TKA	TUBE - valve to condenser	1
10	672436	COIL - condenser/ radiator	1
11	614661	TUBE - condenser to check valve	1
12	665722	VALVE - check	1
13	614660	TUBE - check vale to receiver tank	1
14	672405	TANK - receiver (see 235H5)	1
15	667392	VALVE - relief	1
16	614659	TUBE - tank to tee	1
17	553251TKA	TEE	1
18	614662	TUBE - tee to drier	1
19	610800	DEHYDRATOR (see 235H6)	1
20	614666	TUBE - dehydrator to evaporator	1
21	614681	TUBE - evaporator to elbow	1
	663570	* FITTING - saddle	1
22	115513	* VALVE - elbow	1
	117777	* INSERT - valve	1
	551983	CAP - valve	1
23	553682	ELBOW	2
24	672424	TANK - accumulator	1
25	614527	VALVE - pressure regulator (mechanical)	1
26	614679	TUBE - suction (mechanical valve)	1

235A2**REFRIGERATION - CONDENSER T-600/800**Revised
10/13/16

Revised
10/13/16

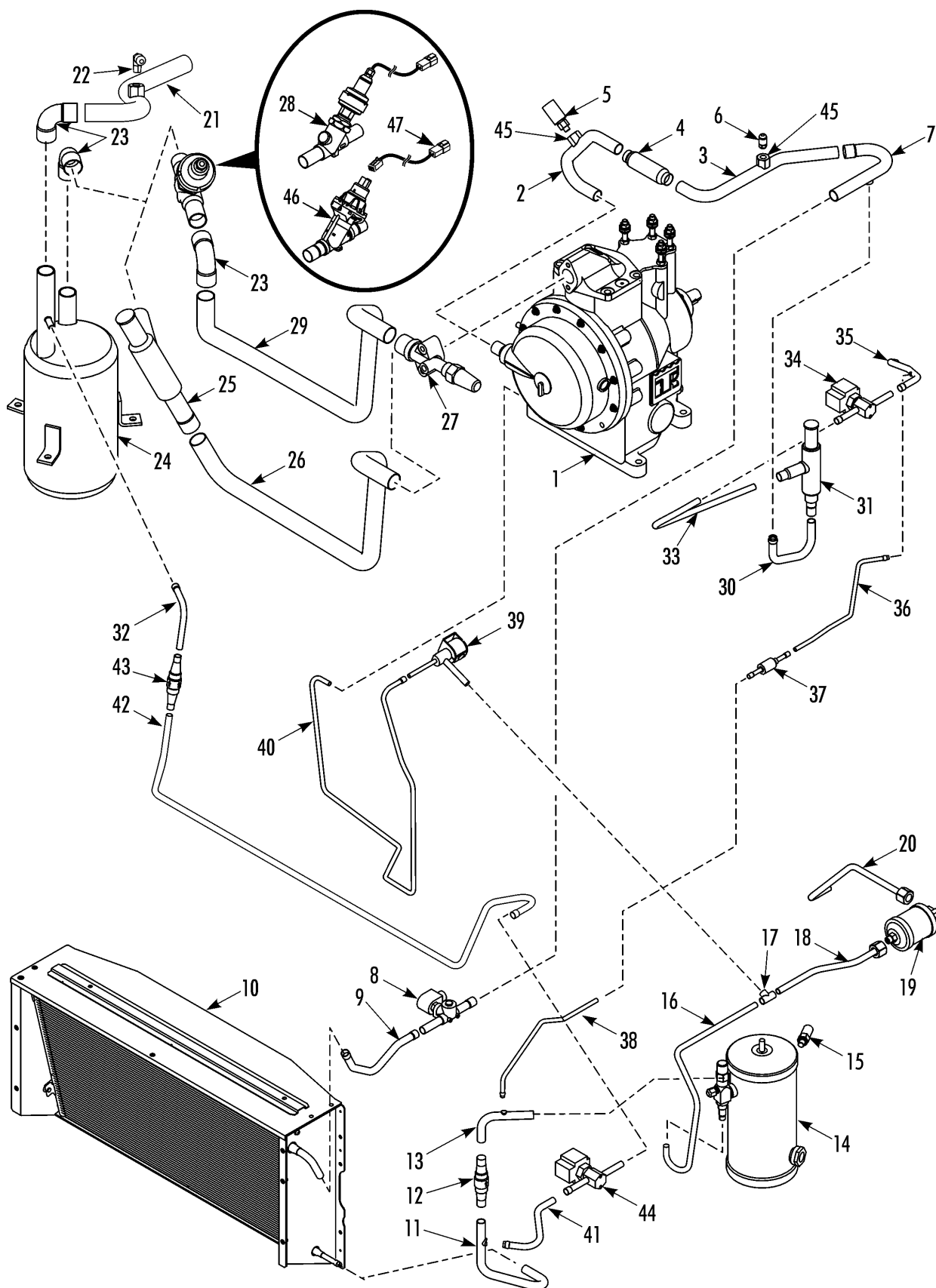
REFRIGERATION - CONDENSER T-600/800



235A2

REF	PART NO.	DESCRIPTION	QTY
27	663576	VALVE - suction	1
28	614525	VALVE - pressure regulator (electric) (see PB1601 for more information)	1
	401029	* KIT - valve repair	1
29	614686	TUBE - suction (electric valve)	1
30	614665	TUBE - joint to DPR valve	1
31	614526	VALVE - dpr	1
32	614664	TUBE - DPR to defrost solenoid	1
33	666384	VALVE - hot gas (see 116G10)	1
34	614667	TUBE - defrost valve to evaporator	1
35	614707	TUBE - tube to valve	1
36	668669	VALVE - check	1
37	614668	TUBE - check valve to receiver tank	1
38	614685	TUBE - check valve to accumulator tank	1
39	612954	VALVE - liquid injection	1
40	614671	TUBE - valve to compressor	1
41	614663	TUBE - joint to solenoid	1
42	614680TKA	TUBE - solenoid to check valve	1
43	665763	VALVE - check	1
44	666384	SOLENOID - purge (see 116G10)	1
45	666996	FITTING - saddle	4
46	600669	KIT - valve & harness (see PB1601 for more information)	1
	617724	* VALVE - throttling (electronic)	1
47	422524	* HARNESS - jumper	1
	401313	KIT - valve repair	1

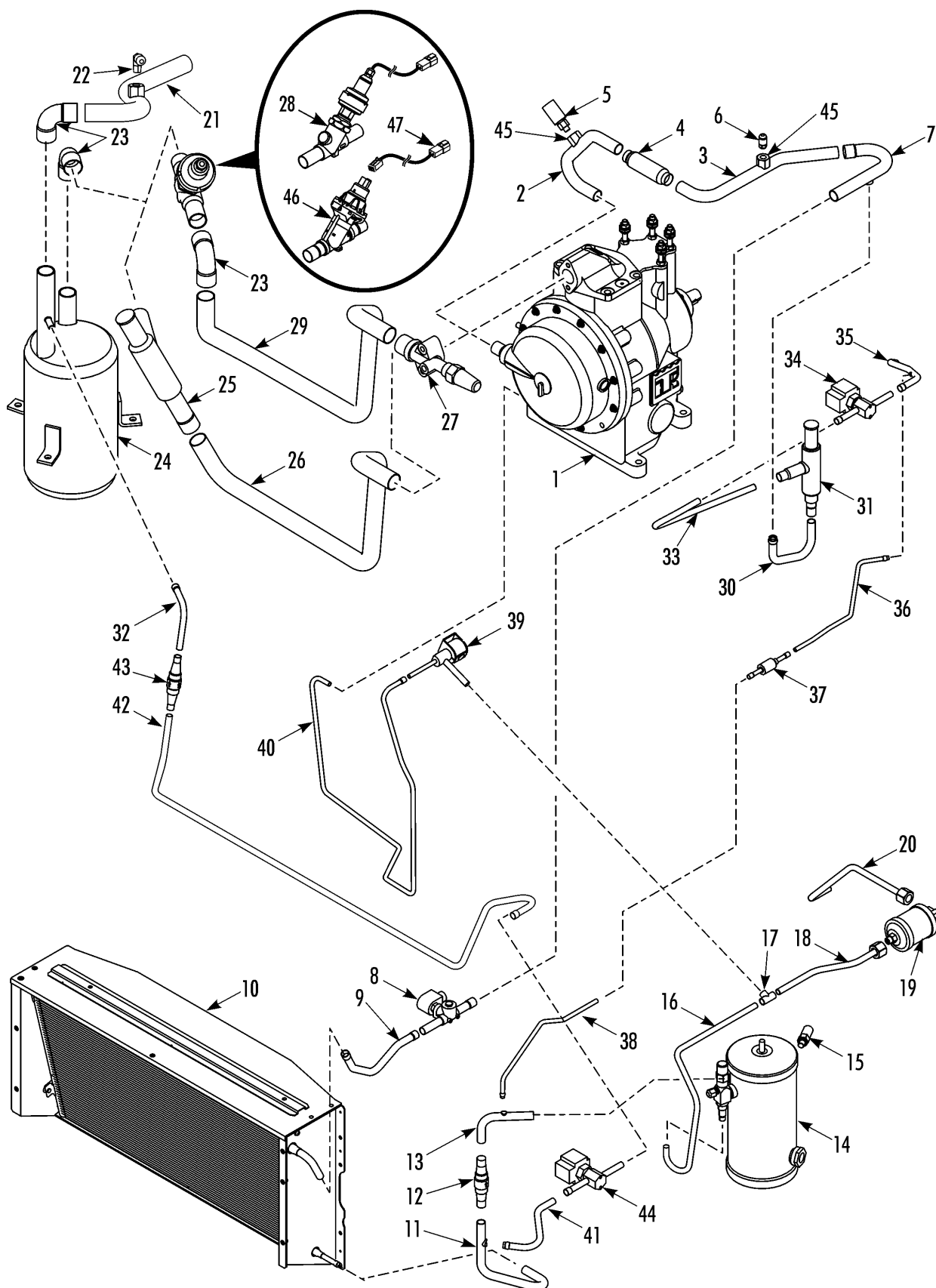
259H7
REFRIGERATION - CONDENSER (micro-channel coil)

 Revised
10/13/16


Revised
10/13/16**REFRIGERATION - CONDENSER (micro-
channel coil)****259H7**

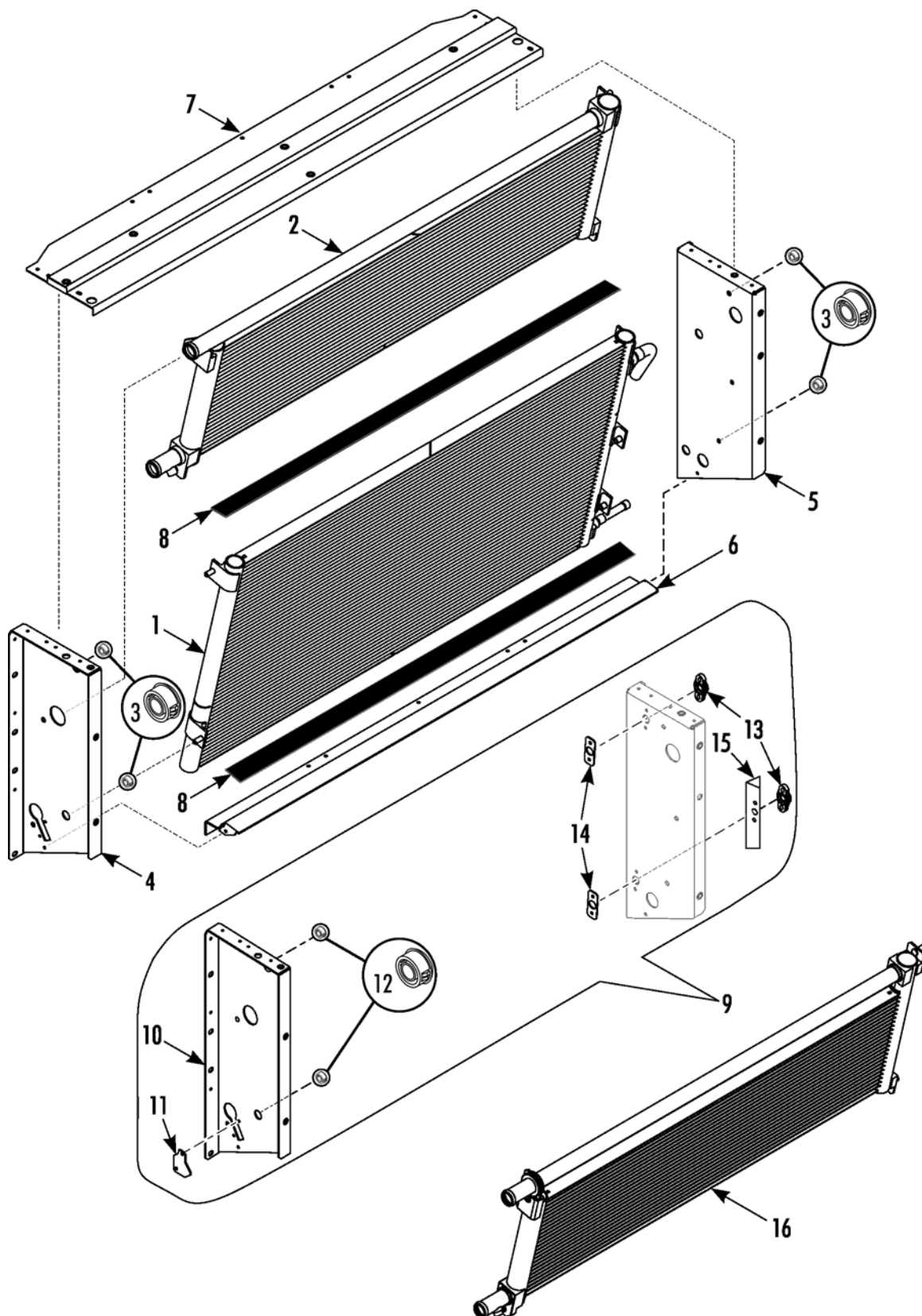
REF	PART NO.	DESCRIPTION	QTY
1	1020946	COMPRESSOR - scroll (see 235H4)	1
2	614683	TUBE - compressor to strainer	1
3	614684	TUBE - strainer to swage (MTV)	1
	614687	TUBE - strainer to swage (ETV)	1
4	614682	STRAINER - discharge	1
5	413847	SWITCH - hpco	1
6	112886	VALVE (Schrader)	1
7	614669	TUBE - joint to condenser valve	1
8	612950	VALVE - condenser inlet	1
9	616127	TUBE - valve to condenser	1
10	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
11	616123	TUBE - condenser to check valve	1
12	665722	VALVE - check	1
13	615954	TUBE - check vale to receiver tank	1
14	672706	TANK - receiver	1
15	667392	VALVE - relief	1
16	616069	TUBE - tank to tee	1
17	553251TKA	TEE	1
18	614662	TUBE - tee to drier	1
19	610800	DEHYDRATOR	1
20	616124	TUBE - dehydrator to evaporator	1
21	614681	TUBE - evaporator to elbow	1
	663570	* FITTING - saddle	1
22	115513	* VALVE - elbow	1
	117777	* INSERT - valve	1
	551983	CAP - valve	1
23	553682	ELBOW	2

259H7
REFRIGERATION - CONDENSER (micro-channel coil)

 Revised
10/13/16


Revised
10/13/16**REFRIGERATION - CONDENSER (micro-
channel coil)****259H7**

REF	PART NO.	DESCRIPTION	QTY
24	672424	TANK - accumulator	1
25	614527	VALVE - pressure regulator (mechanical)	1
26	614679	TUBE - suction (mechanical valve)	1
27	663576	VALVE - suction	1
28	614525	VALVE - pressure regulator (electric) (see PB1601 for more information)	1
	401029	* KIT - valve repair	1
29	614686	TUBE - suction (electric valve)	1
30	614665	TUBE - joint to DPR valve	1
31	614526	VALVE - dpr	1
32	615718	TUBE - check valve to accumulator tank	1
33	614664	TUBE - DPR to defrost solenoid	1
34	666384	VALVE - hot gas (see 116G10)	1
35	616128	TUBE - defrost valve to evaporator	1
36	614707	TUBE - tube to valve	1
37	668669	VALVE - check	1
38	615959	TUBE - check valve to receiver tank	1
39	612954	VALVE - liquid injection	1
40	616106	TUBE - valve to compressor	1
41	615960TKA	TUBE - joint to solenoid	1
42	616071	TUBE - solenoid to check valve	1
43	615725	VALVE - check	1
44	666384	VALVE - purge	1
45	666996	FITTING - saddle	2
46	600669	KIT - valve & harness (see PB1601 for more information)	1
	617724	* VALVE - throttling (electronic)	1
47	422524	* HARNESS - jumper	1
	401313	KIT - valve repair	1

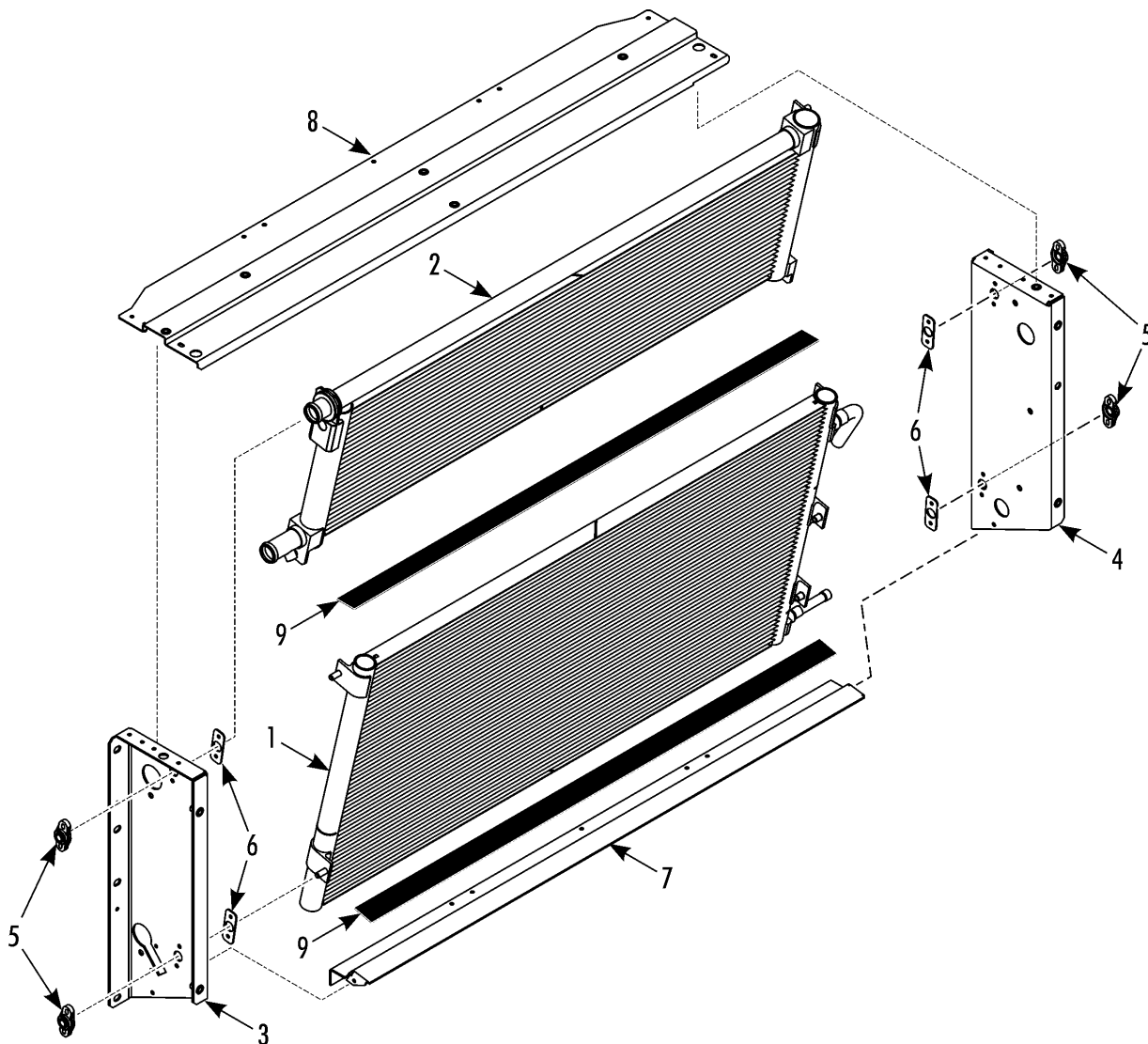
272H1**CONDENSER/ RADIATOR (North America
before 6/15 & Europe before 8/15)**Revised
06/27/17

Revised
06/27/17**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

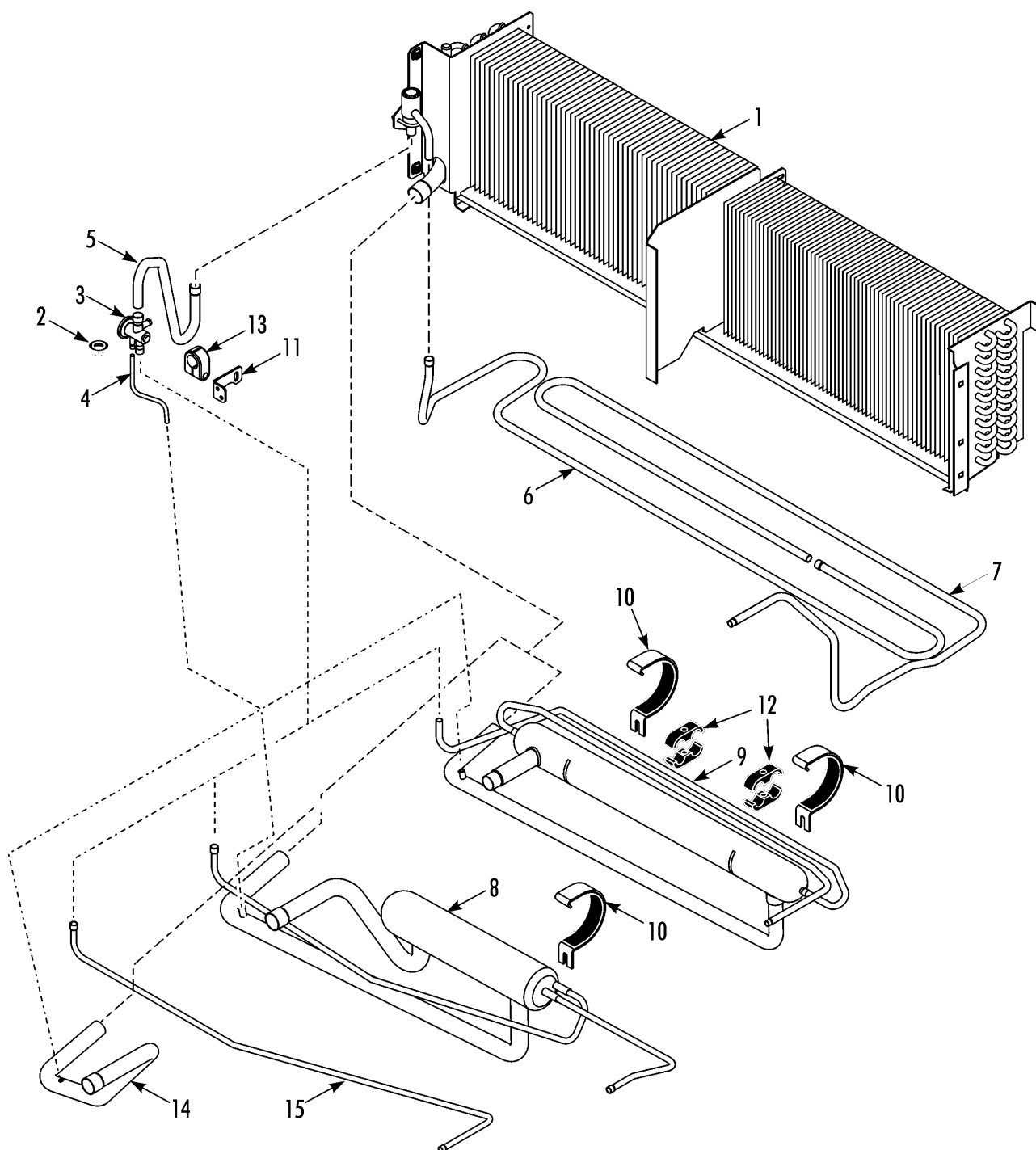
Serial Nos of the 1st T-Series with Microchannel Coils May 25, 2012 - T-600 = 5001219742, T-800 = 5001219744

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
06/27/17

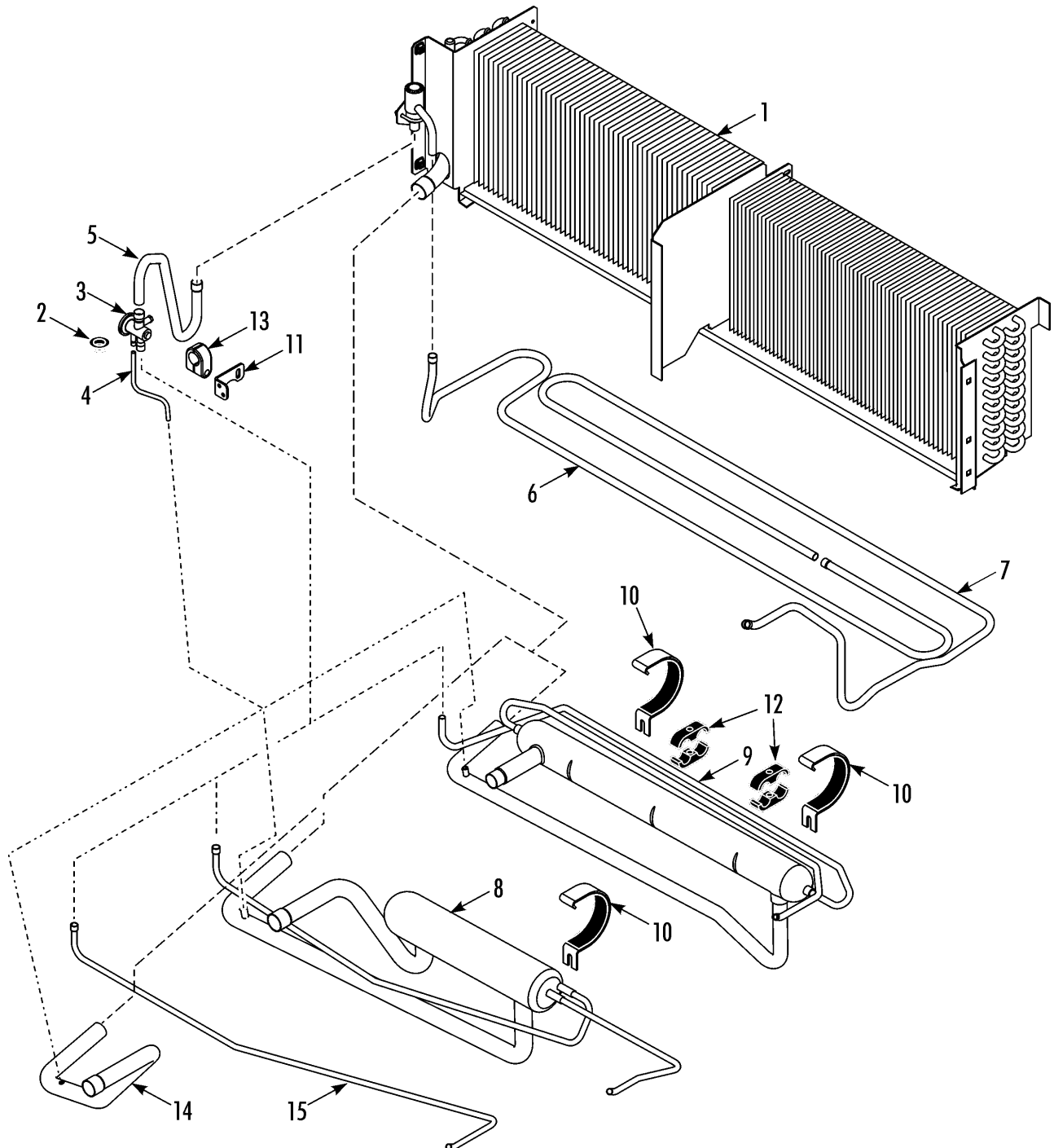
Revised
06/27/17**CONDENSER/ RADIATOR (North America 6/
15 & after, Europe 8/15 & after)****290H1**

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

235H3**REFRIGERATION - EVAPORATOR (before 6/12)**Revised
07/17/12

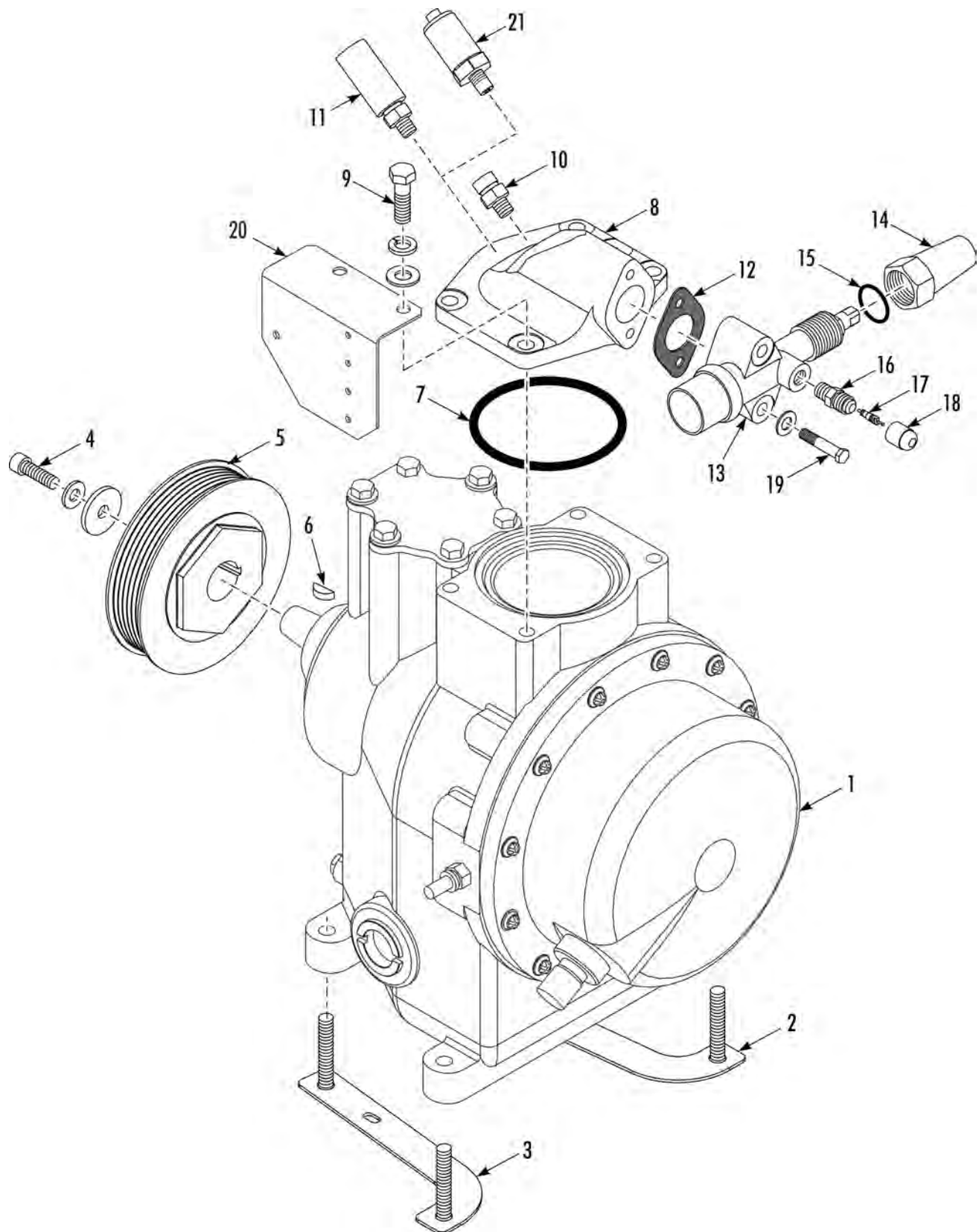
Revised
07/17/12**REFRIGERATION - EVAPORATOR (before 6/
12)****235H3**

REF	PART NO.	DESCRIPTION	QTY
1	672422	COIL - evaporator	1
2	330612	* GROMMET - heater cable	1
	553009	* U-BOLT - distributor	1
	552001	* FLATWASHER	2
	554560	* NUT - u-bolt	2
	556997	* NUT - captive	10
	510718	SCREW - coil	4
3	614715	VALVE - expansion (T-600/800)	1
	614713	VALVE - expansion (T-570R/600M/600R/800R/800M)	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	614655	TUBE - defrost (bulkhead to joint)	1
8	672431	HEAT EXCHANGER (T-600/600M/600R/1000M)	1
9	672430	HEAT EXCHANGER (T-800/800R/800M/1000/1000R/1200R)	1
10	927649	STRAP - heat exchanger	2
	510718	SCREW - strap	4
11	927542	BRACKET - expansion valve	1
12	910445TKA	CLAMP - tube	4
13	511179	CLAMP - expansion	1
	558316	SCREW - clamp	3
	557075	FLATWASHER	5
	557042	NUT	3
14	614657	TUBE - evaporator to accumulator (T-570R)	1
15	614658	TUBE - condenser to expansion valve (T-570R)	1

259F8**REFRIGERATION - EVAPORATOR (After 6/12)**Revised
05/05/15

Revised
05/05/15**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

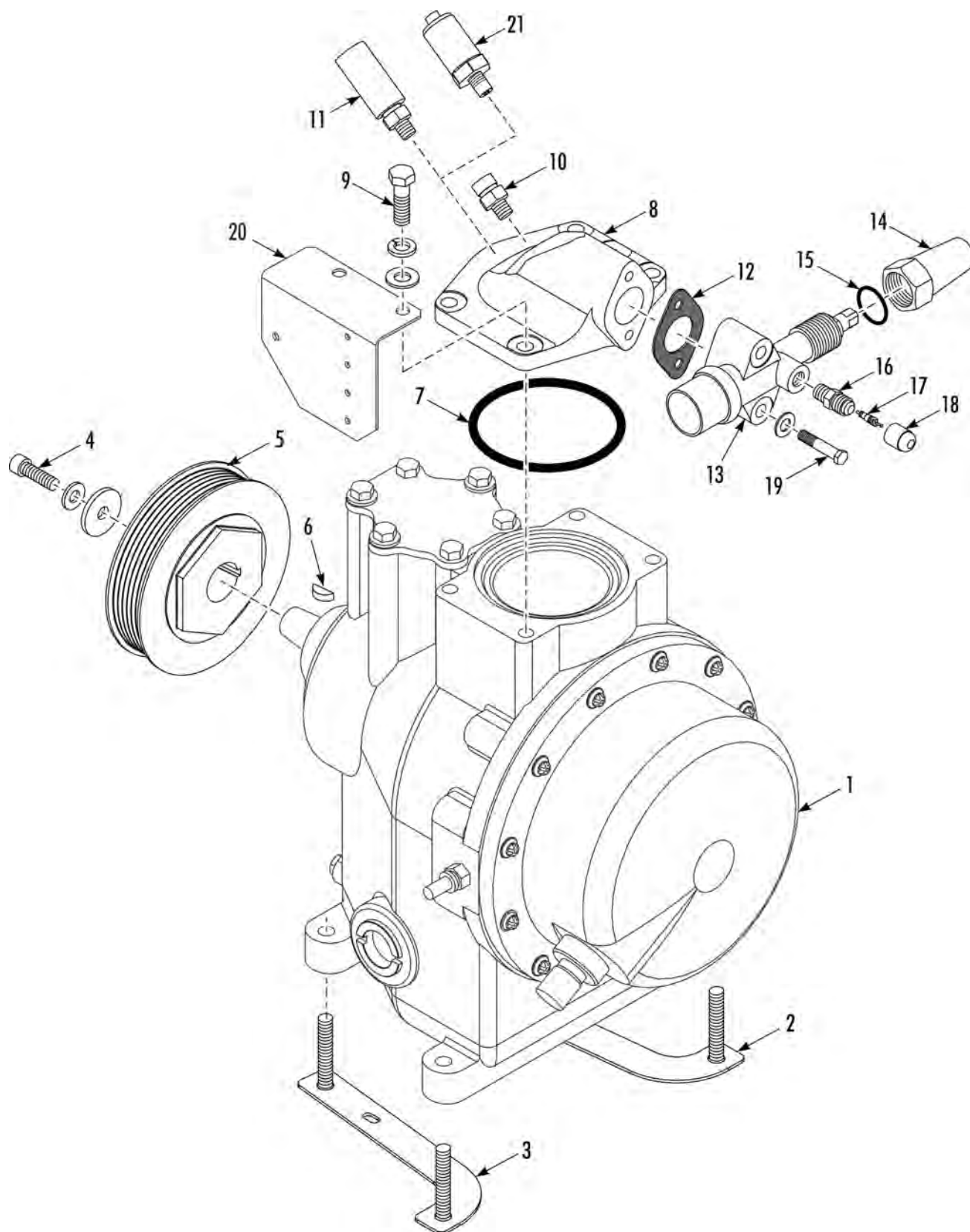
235H4**COMPRESSOR GROUP**Revised
06/12/15

Revised
06/12/15

COMPRESSOR GROUP

**235H4**

REF	PART NO.	DESCRIPTION	QTY
1	1020946	COMPRESSOR - scroll (T-600/800, see 236F6)	1
	1020951	COMPRESSOR - scroll (T-1000, see 236F0)	1
	2030964	* OIL - compressor (1L)	A/R
2	927549	BOLTSTRIP - compressor	1
3	927550	BOLTSTRIP - compressor	1
	557344	NUT - compressor	4
	557122	WASHER - Belleville	4
	555667	WASHER - special	4
4	551769	SCREW - pulley	1
	554923	WASHER - special	1
	558423	WASHER - Belleville	1
5	772950	PULLEY - compressor (T-600/800)	1
	772956	PULLEY - compressor (T-1000)	1
6	555371	KEY - pulley	1
7	331221	O-RING - adapter	1
8	661896	ADAPTER - suction valve (two 1/8 npt ports)	1
	669941	ADAPTER - suction valve (one 1/8 npt port)	1
9	550129	SCREW - adapter	4
	550375	LOCKWASHER	4
	550402	FLATWASHER	4
10	668928	ADAPTER - o-ring seal	1
	331461	* O-RING (#4)	1
	669387	* CAP	1
11	415246	SWITCH - lpco	1
12	332541	GASKET - flange	1
13	663576	VALVE - suction	1
14	663015	* CAP - valve (brass, incl gasket)	1
15	330350	* GASKET - cap	1
16	112886	VALVE (Schrader)	1
17	117777	* CORE - valve	1

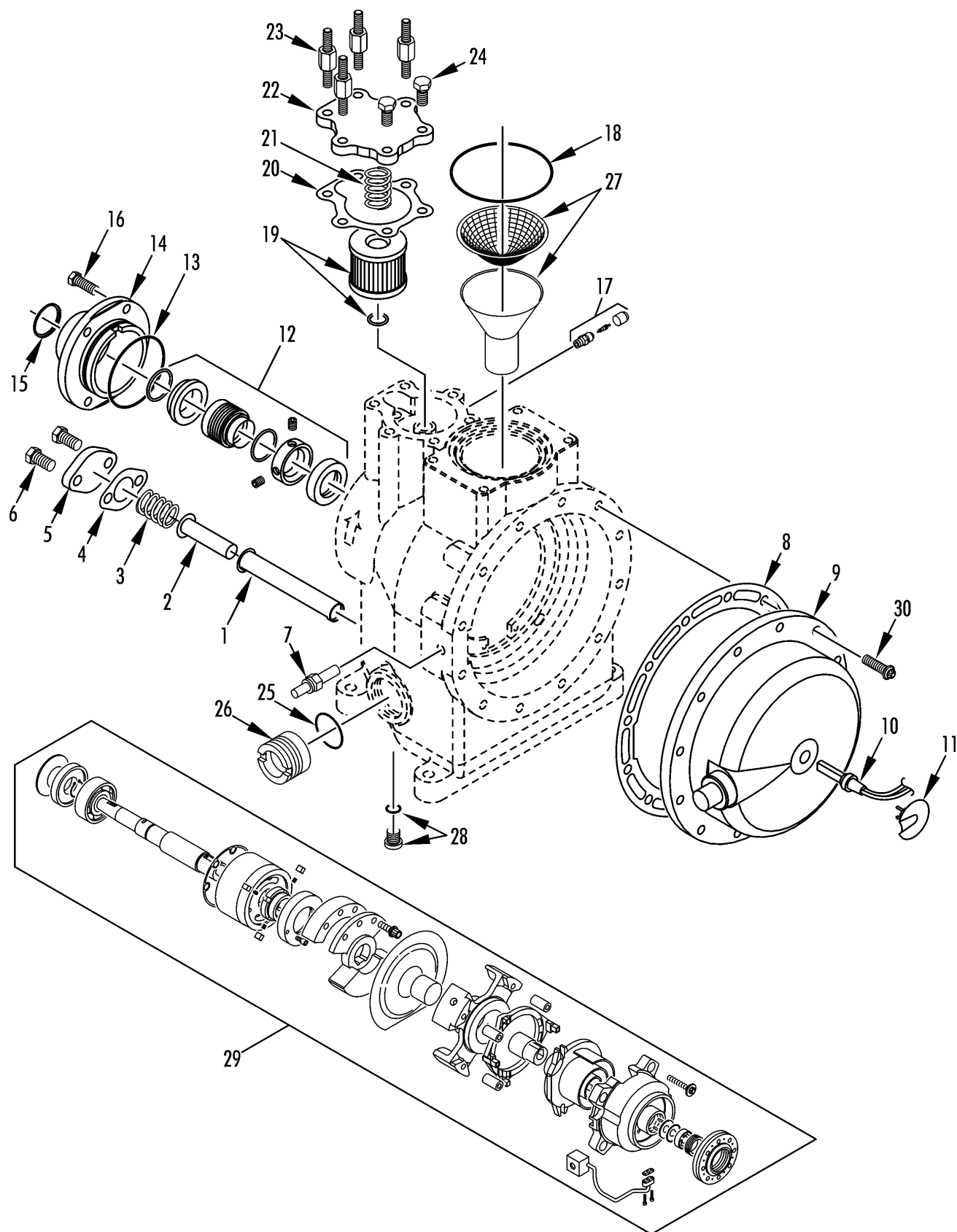
235H4**COMPRESSOR GROUP**Revised
06/12/15

Revised
06/12/15

COMPRESSOR GROUP**235H4**

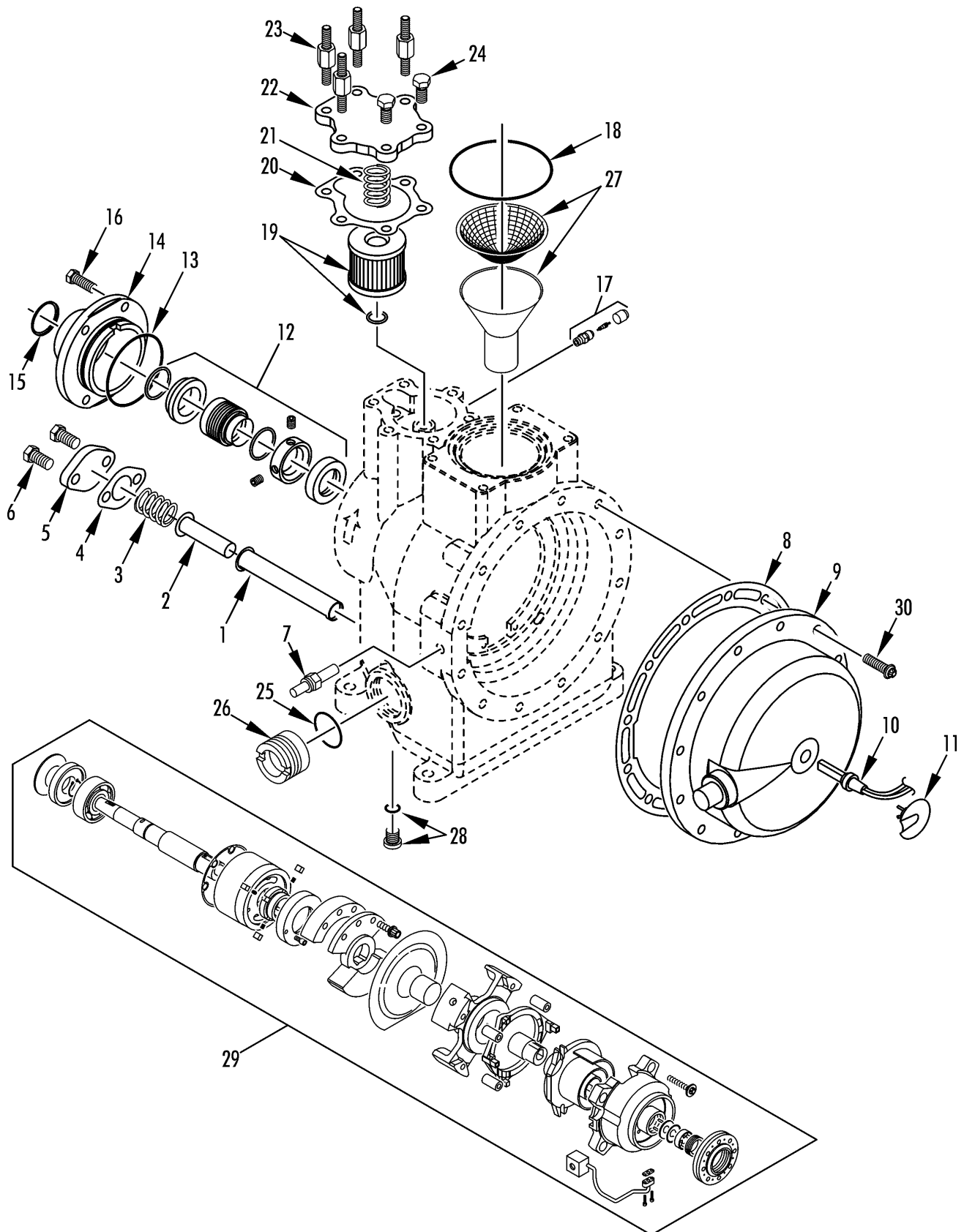
REF	PART NO.	DESCRIPTION	QTY
18	555672	CAP - valve	1
19	558650	SCREW - valve	2
	552363	LOCKWASHER	2
	550895	FLATWASHER	2
20	927577	BRACKET - harness	1
21	421313	TRANSDUCER - suction (ETV, SR-3 units)	1

236F6
**SCROLL COMPRESSOR ASSEMBLY T-600/
800**

 Revised
06/21/17


Revised
06/21/17**SCROLL COMPRESSOR ASSEMBLY T-600/
800****236F6**

REF	PART NO.	DESCRIPTION	QTY
	1020946	COMPRESSOR - scroll	1
1	221036	SLEEVE - oil pick-up screen	1
2	221035	SCREEN - oil pick-up	1
3	221034	SPRING - oil pick-up screen	1
4	332221	GASKET - oil pick-up screen	1
5	221033	COVER - oil pick-up screen	1
6	559022	SCREW - oil pick-up screen	2
7	669056	FITTING - liquid injection	1
	332995	O-RING - liquid injection fitting	1
8	333496	GASKET - cover	1
9	221153	COVER - end	1
10	401377	KIT - thermistor	1
11	221040	CAP - switch	1
12	221100TKA	SEAL - rotary head	1
13	332998	O-RING - end cover	1
14	221154	COVER - shaft end	1
15	221037	SEAL - dust	1
16	559020	SCREW - shaft seal cover	4
17	112886	VALVE (Schrader)	1
18	331221	O-RING - suction port	1
19	221030TKA	FILTER - oil (incl o-ring)	1
20	332996	GASKET - oil filter	1
21	221032	SPRING - oil filter	1
23	559859	STUD - oil filter cover	1
22	221155	COVER - oil filter	1
24	553834	SCREW - oil filter plate (7/8 in lg)	2
25	330822	O-RING - sight glass	1
26	220350TKA	SIGHT GLASS (does not include o-ring)	1
27	221098	BAFFLE & SCREEN - suction	1
28	559021	PLUG - oil drain	1

236F6**SCROLL COMPRESSOR ASSEMBLY T-600/
800**Revised
06/21/17

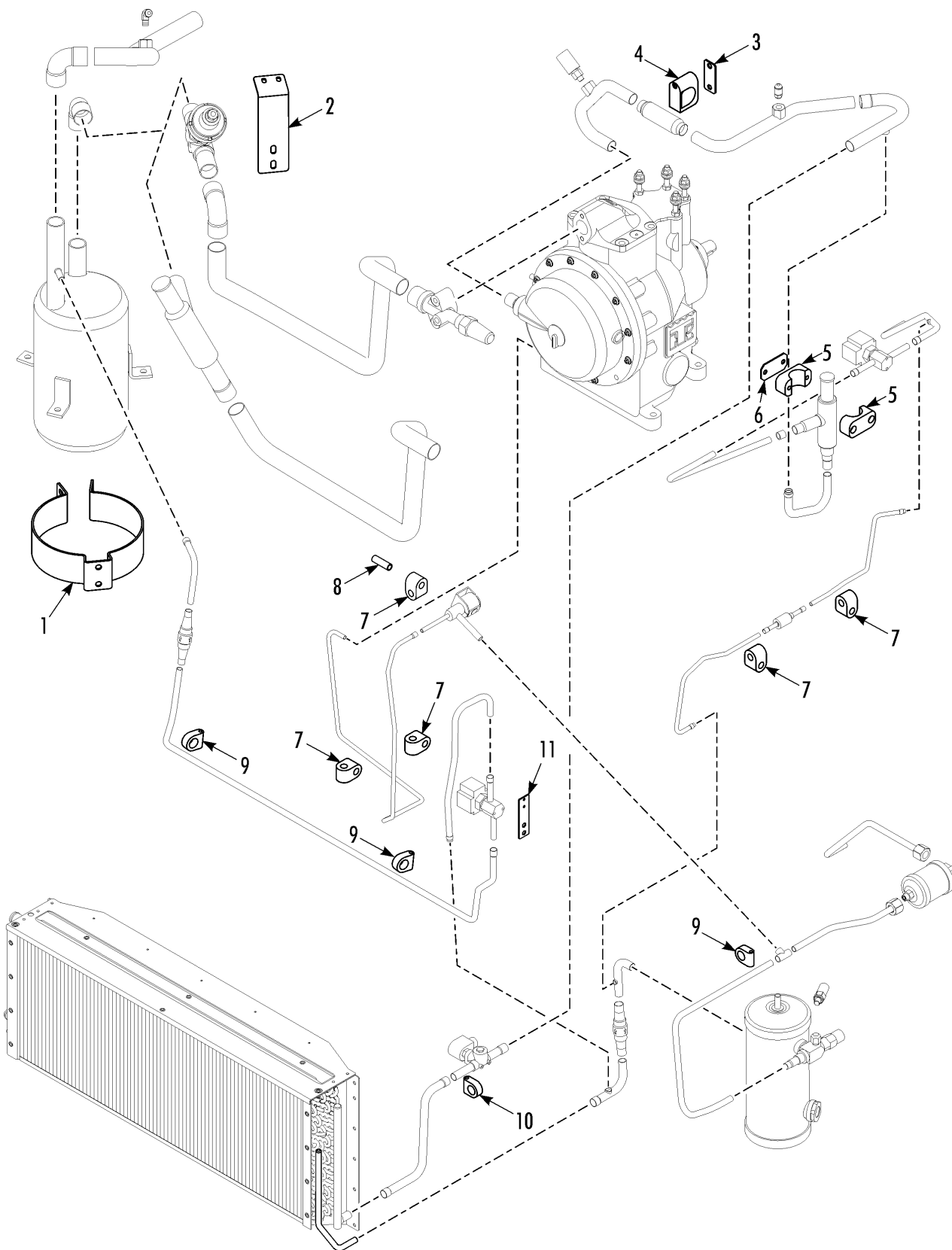
Revised
06/21/17

**SCROLL COMPRESSOR ASSEMBLY T-600/
800**



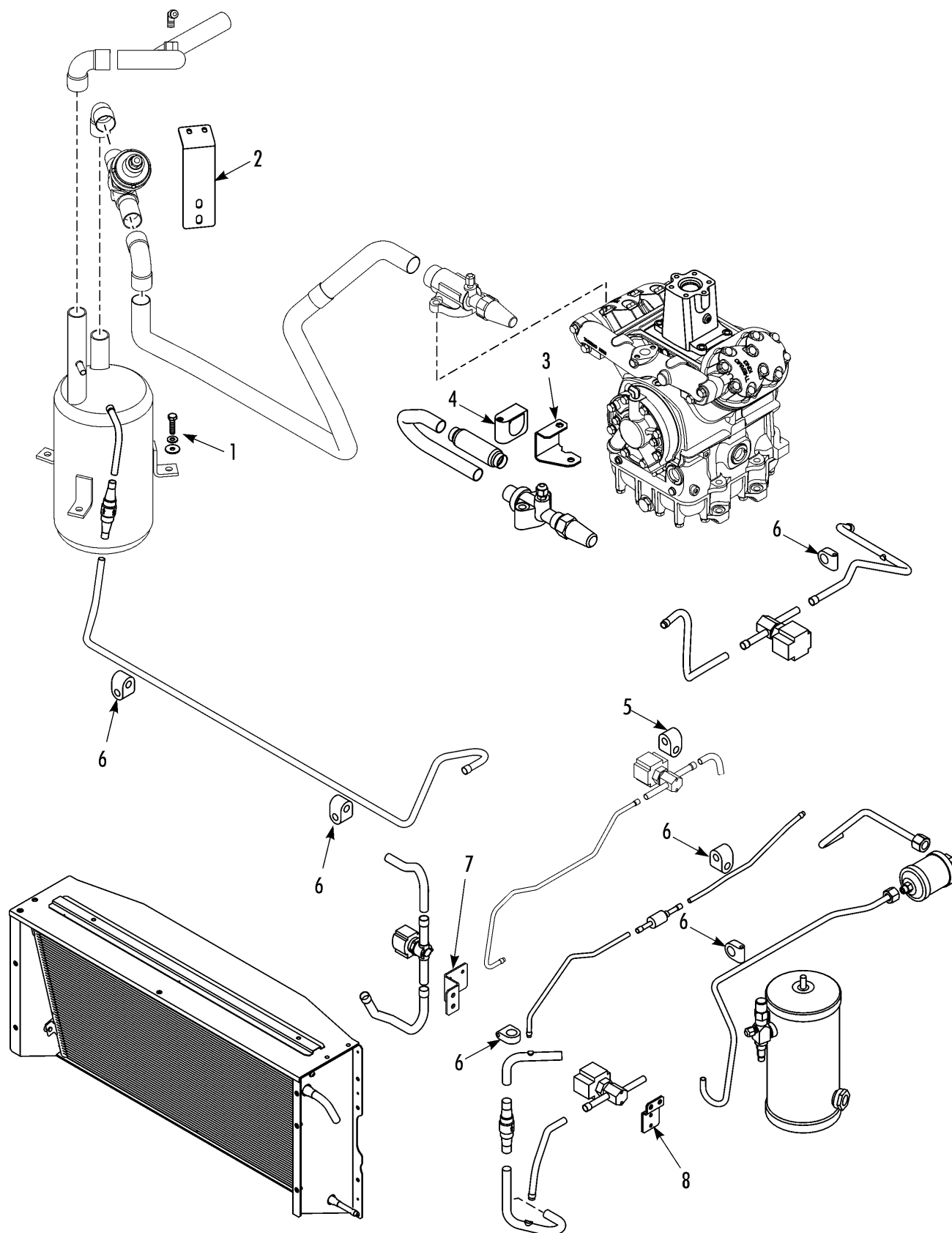
236F6

REF	PART NO.	DESCRIPTION	QTY
29	NSS	PARTS - internal (scroll compressor)	1
30	559857	SCREW - cover	12

236D9**REFRIGERATION TUBES, CLAMPS & MOUNTING**Revised
06/02/13

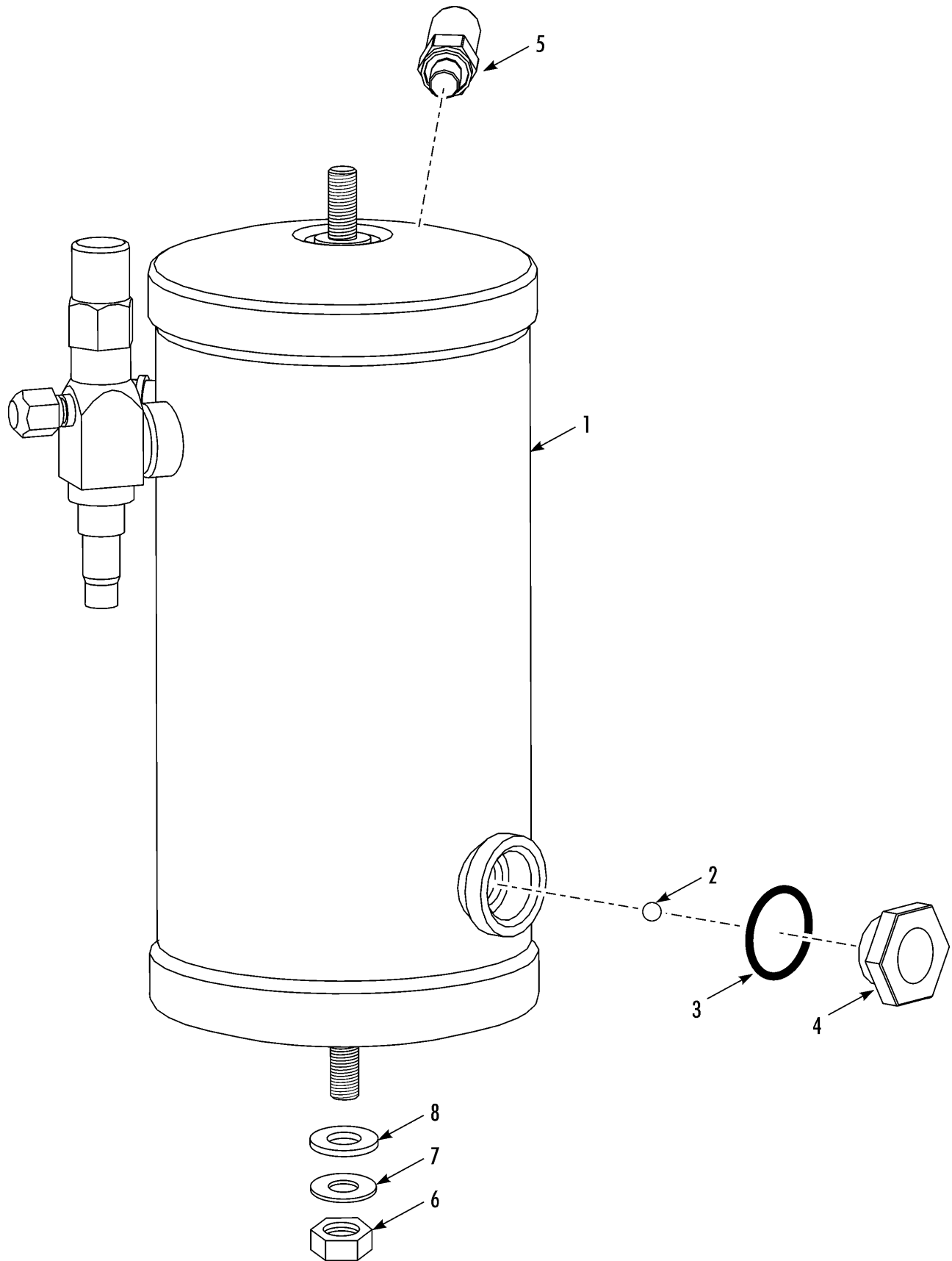
Revised
06/02/13**REFRIGERATION TUBES, CLAMPS &
MOUNTING****236D9**

REF	PART NO.	DESCRIPTION	QTY
1	927655	CLAMP - accumulator tank	1
2	927656	BRACKET - ETV	1
3	927578	BRACKET - strainer	1
4	913886	CLAMP - tube (1.0 in. dia)	1
	557018	SCREW - clamp (M6 X 55)	1
	557478	LOCKWASHER	1
	554638	FLATWASHER	1
5	915143TKA	CLAMP - tube (1.12 dia)	2
6	913157	PLATE - clamp	2
	556209	SCREW - clamp (M6 X 65)	2
	557478	LOCKWASHER	2
	554638	FLATWASHER	2
7	556544	CLAMP - tube (0.25 dia)	5
	554605	SCREW - clamp (M6 X 40)	4
	557802	SCREW - clamp (M6 X 60)	1
	557478	LOCKWASHER	5
	554638	FLATWASHER	5
8	555929	SPACER - tubular (1.2 in lg)	1
9	556388	CLAMP (0.38 dia)	1
	554605	SCREW - clamp (M6 X 40)	2
	557478	LOCKWASHER	2
	554638	FLATWASHER	2
10	550549	CLAMP (0.500 dia)	1
	557546	SCREW - clamp (M6 X 50)	1
	557478	LOCKWASHER	1
	554638	FLATWASHER	1
11	927786	BRACKET - valve	1
	554606	SCREW - clamp	2
	557478	LOCKWASHER	2
	554638	FLATWASHER	2

259H4**REFRIGERATION TUBES, CLAMPS & MOUNTING (before 3/15)**Revised
06/03/15

Revised
06/03/15**REFRIGERATION TUBES, CLAMPS &
MOUNTING (before 3/15)****259H4**

REF	PART NO.	DESCRIPTION	QTY
1	557072	SCREW - accumulator tank	3
	551173	LOCKWASHER	3
	557072	FLATWASHER	3
2	930672	BRACKET - ETV	1
	557825	NUT - bracket	2
	557085	FLATWASHER	2
	557342	LOCKWASHER	2
	554506	SCREW - ETV to bracket	2
3	616129	BRACKET - strainer	1
4	913886	CLAMP - tube (1.0 in. dia)	1
	512203TKA	SCREW - clamp	1
	554638	FLATWASHER	1
5	556544	CLAMP - tube (0.25 dia)	2
6	556388	CLAMP - tube (0.38 dia)	6
	558316	SCREW - clamp	6
	557478	LOCKWASHER	6
	554638	FLATWASHER	6
	559084	INSERT - threaded	6
7	929926	BRACKET - valve	1
8	929922	BRACKET - valve	1
	551384	SCREW - valve	4
	555761	LOCKWASHER	4
	559084	INSERT - threaded	4

235H5**RECEIVER TANK GROUP**Revised
04/02/14

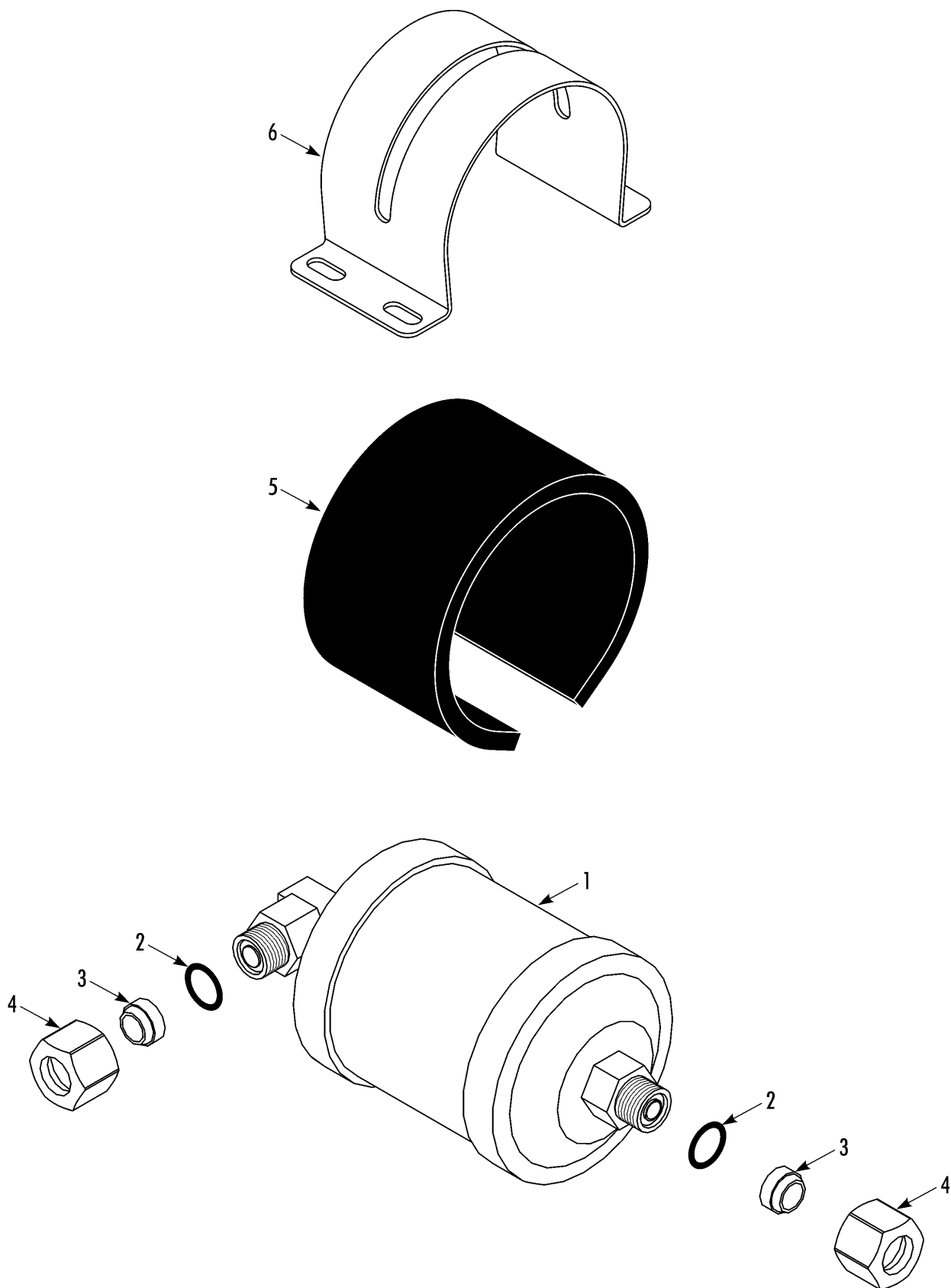
Revised
04/02/14

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	672668	* 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
07/15/15

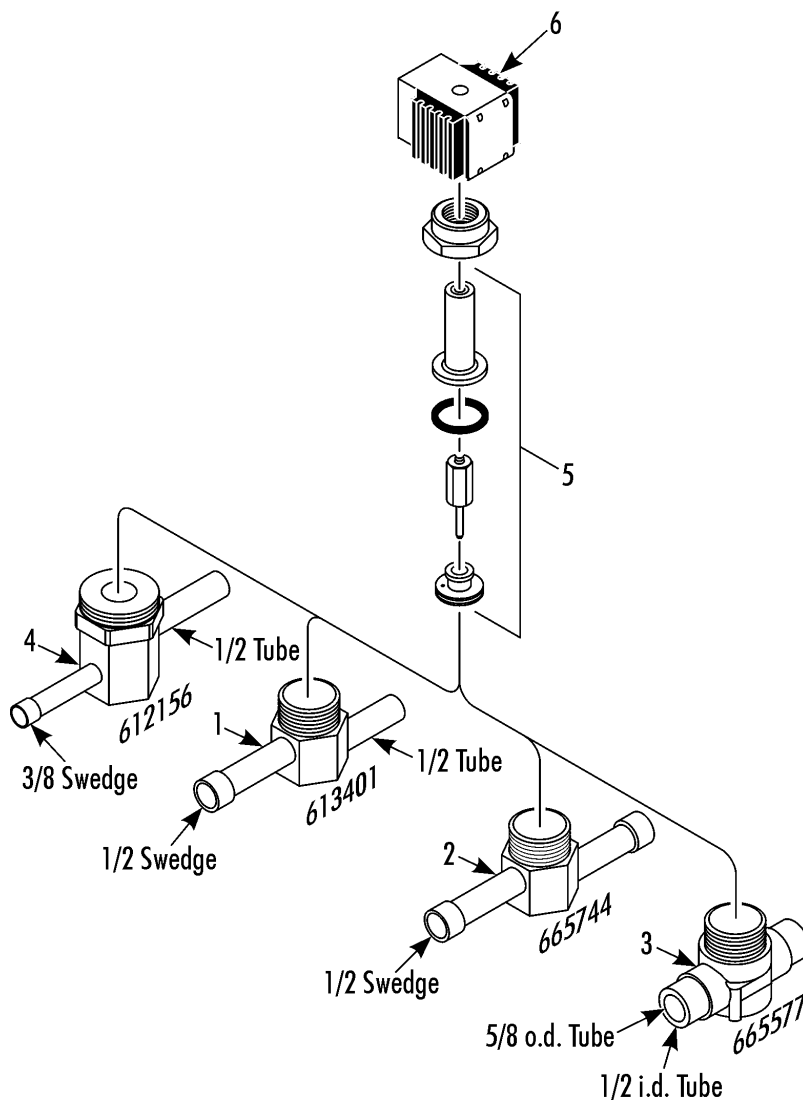
Revised
07/15/15

DEHYDRATOR GROUP



235H6

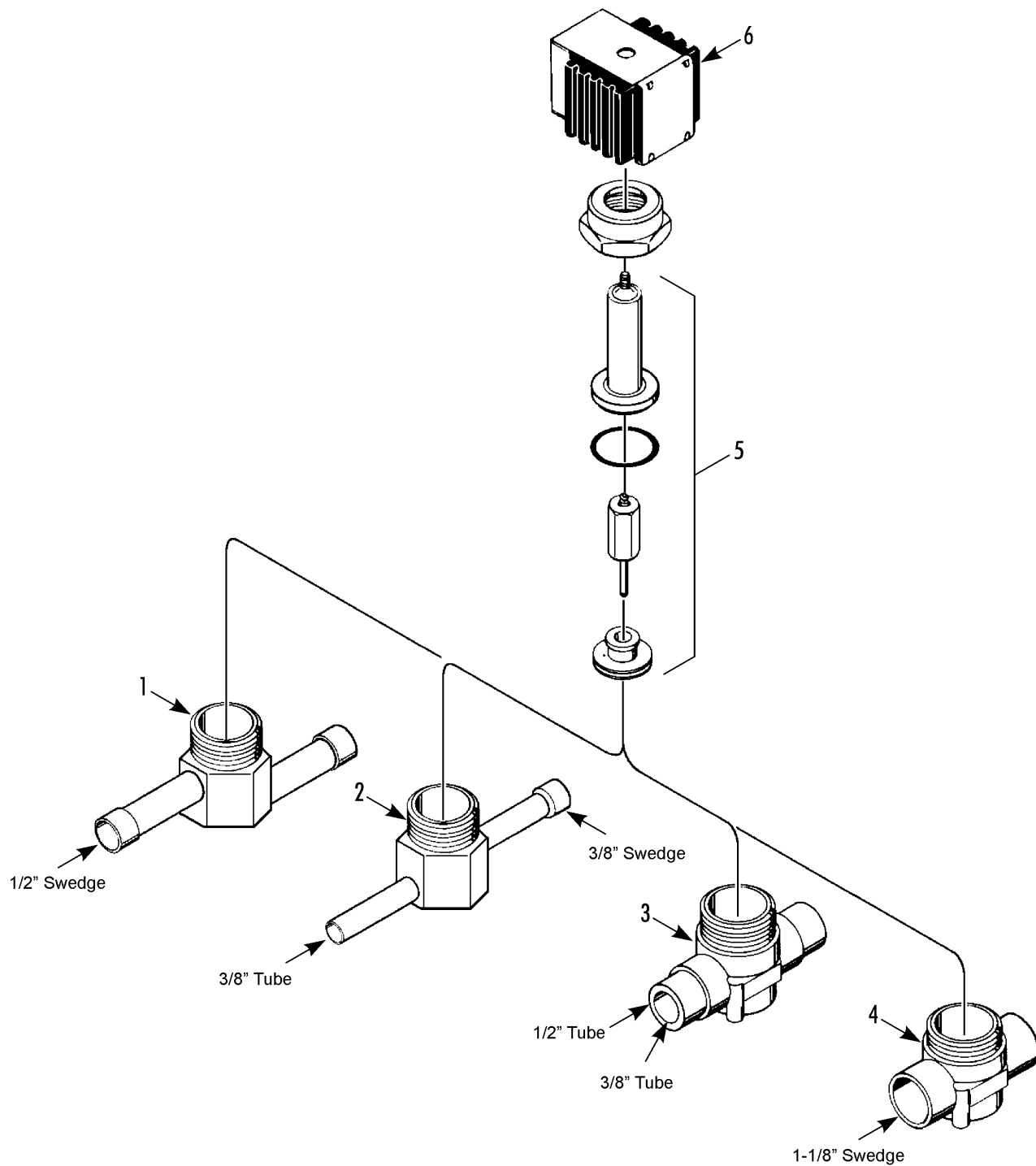
REF	PART NO.	DESCRIPTION	QTY
1	610800	DEHYDRATOR (inc o-rings)	1
2	331015	* O-RING (#6)	2
3	558268	SHOULDER	2
4	558267	NUT - shoulder	2
5	334984	PAD - dehydrator	1
6	927545	CLAMP - dehydrator	1
	557035	SCREW - clamp	2
	557075	FLATWASHER	2
	557170	LOCKWASHER	2
	559084	INSERT - threaded	2

116G14**SOLENOID VALVE - NORMALLY CLOSED**Revised
10/07/16

Revised
10/07/16

SOLENOID VALVE - NORMALLY CLOSED**116G14**

REF	PART NO.	DESCRIPTION	QTY
1	613401	VALVE - solenoid	1
2	665744	VALVE - solenoid	1
3	665577	VALVE - solenoid	1
4	612156	VALVE - solenoid	1
5	600294TKA	* KIT - repair	1
6	443931	* COIL	1

116G10**SOLENOID VALVE - NORMALLY CLOSED**Revised
10/04/14

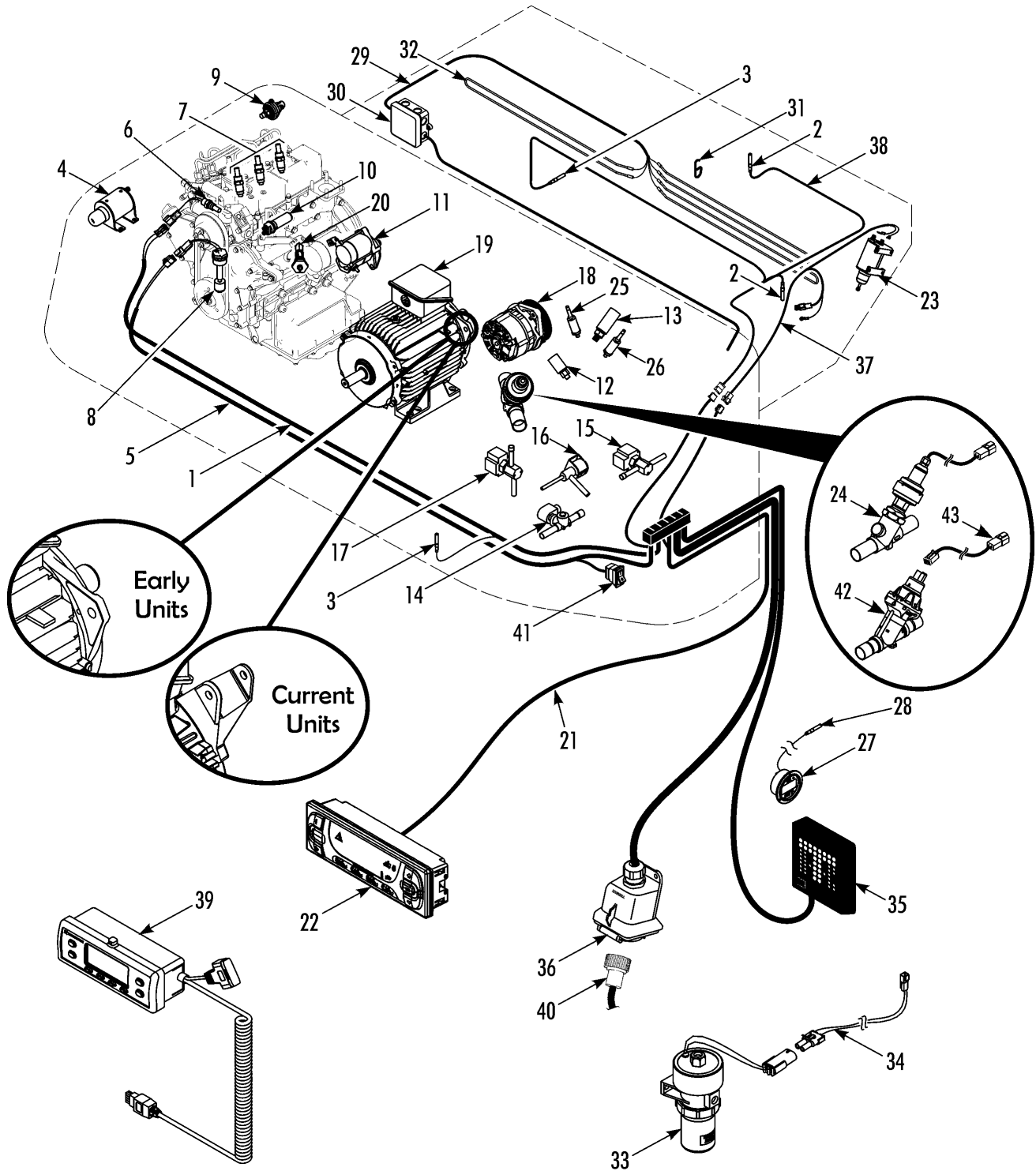
Revised
10/04/14

SOLENOID VALVE - NORMALLY CLOSED



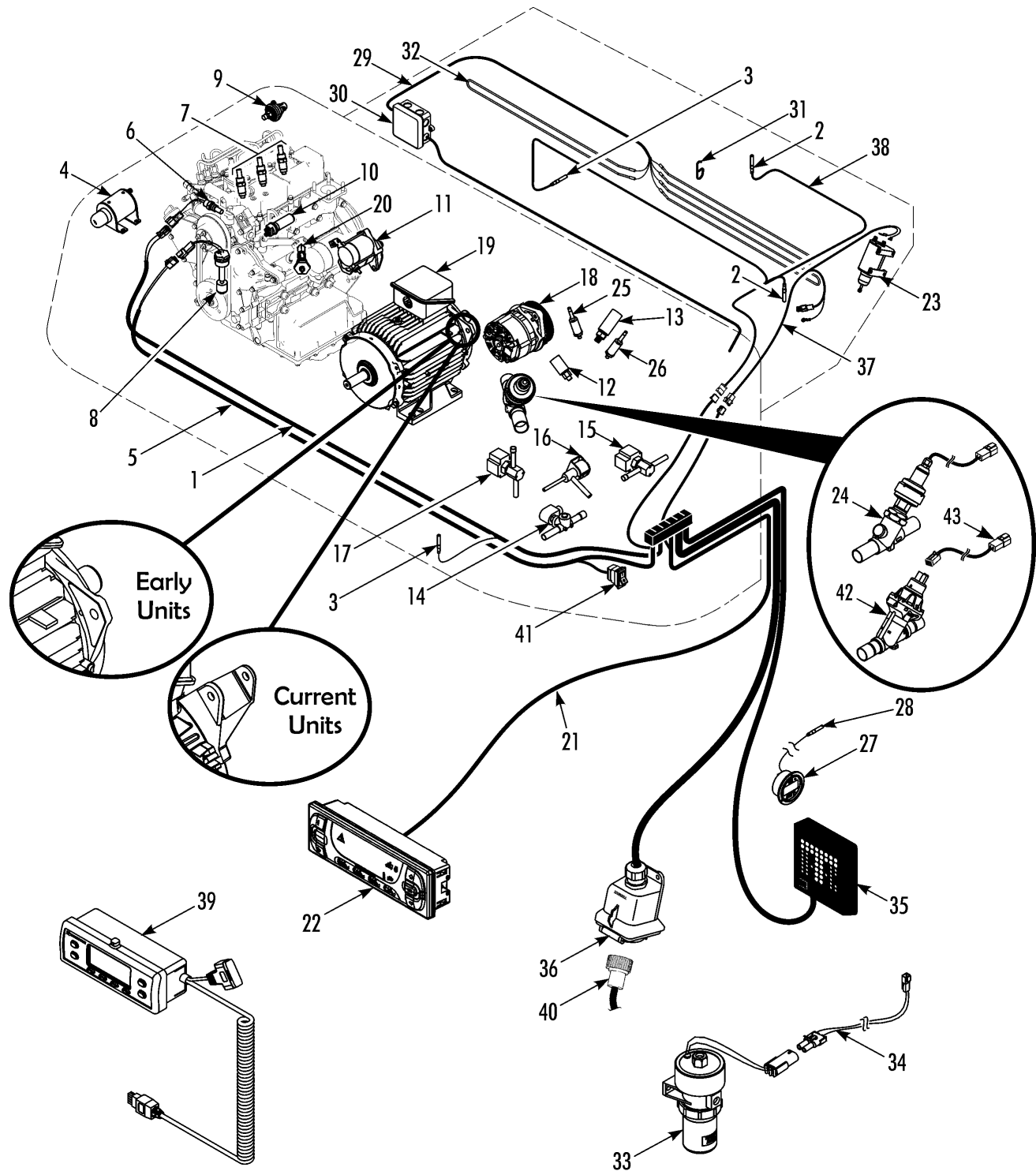
116G10

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

235A7**ELECTRICAL COMPONENTS (Scroll units)**Revised
06/29/17

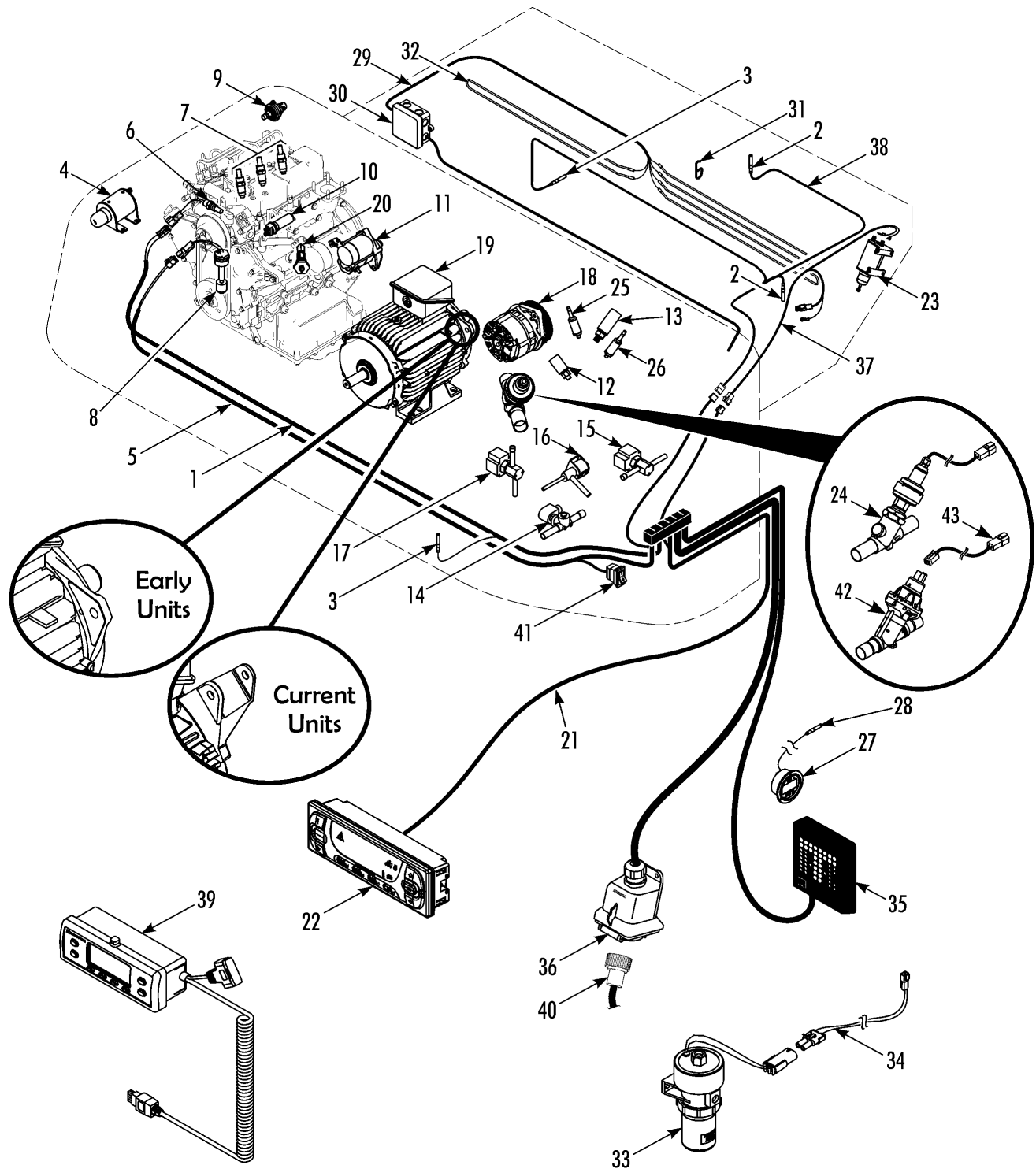
Revised
06/29/17**ELECTRICAL COMPONENTS (Scroll units)****235A7**

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 - fuel (see 235A4)	1
5	418697	HARNESS - main (SR-2, before 8/11, see 235F3)	1
	420155	HARNESS - main (SR-3, 8/11 & after, see 235F3)	1
6	416538	SENSOR - temperature (engine coolant)	1
7	420916	GLOW PLUG (see 208F7)	3
8	414470	SWITCH - oil level	1
	334160	* O-RING - switch	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 (MTV & ETV units)	1
13	415246	SWITCH - lpco (MTV)	1
14	612950	SOLENOID - condenser inlet	1
15	613401	SOLENOID - hot gas (see 116G14)	1
16	612954	SOLENOID - liquid injection	1
17	666384	SOLENOID - purge (see 116G10)	1
18	452589	ALTERNATOR (original equipment, 37A / 14V, w/o fan, see 208F4)	1
	452590	ALTERNATOR (original equipment, 65A / 14V, w/o fan, see 242F5)	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, T-1000)	1
	1040791	MOTOR (5/13 & after, 12 hp, T-1000)	1
20	422347	SWITCH - coolant level	1
	333007	O-RING - switch	1
21	420644	HARNESS - HMI controller (12M, see 238B7)	1

235A7**ELECTRICAL COMPONENTS (Scroll units)**Revised
06/29/17

Revised
06/29/17**ELECTRICAL COMPONENTS (Scroll units)****235A7**

REF	PART NO.	DESCRIPTION	QTY
	415813	HARNESS - HMI controller (premium, see 238B7)	1
22	452376	CONTROLLER - cab (standard, HMI, see 238B7)	1
	452385	CONTROLLER - cab (preimum, HMI) (see 238B7)	1
23	442823	SOLENOID - damper (see 235A3)	1
24	614525	VALVE - pressure regulator (electric) (see PB1601 for more information)	1
	401029	* KIT - valve repair	1
25	421312	TRANSDUCER - discharge (ETV, 500 psi)	1
26	421313	TRANSDUCER - suction (ETV, SR-3 units)	1
27	412590	THERMOMETER - digital LED (F, optional, see 238D5)	1
	412591	THERMOMETER - digital LED (C, optional, see 238D5)	1
28	410418	SENSOR - thermostat	1
29	418871	CABLE - heater	1
	330572	GROMMET (3/4 id, 1/8 groove)	1
	330432	GROMMET (3/4 id, 1/16 groove)	1
30	447354	BOX - junction	1
	557366	SCREW - box	2
	557089	FLATWASHER	4
	557034	NUT	2
31	910240	RETAINER - heater	12
32	451374	HEATER	3
33	417059	PUMP - fuel (12V)	1
34	413664	HARNESS - fuel pump	1
35	400980	BOX - remote light (optional, see 226E6)	1
36	418292	BOX - power receptacle (NAD, see 236D3)	1
37	418695	HARNESS - evaporator (see 235F3)	1
38	418696	HARNESS - sensor (evaporator, see 236D1)	1
39	2041916	TOOL - controller diagnostic	1
	421318	* HARNESS - diagnostic controller	1
40	444695	PLUG - power (30A, T-600/800, 230/3/60, see 236D3)	1

235A7**ELECTRICAL COMPONENTS (Scroll units)**Revised
06/29/17

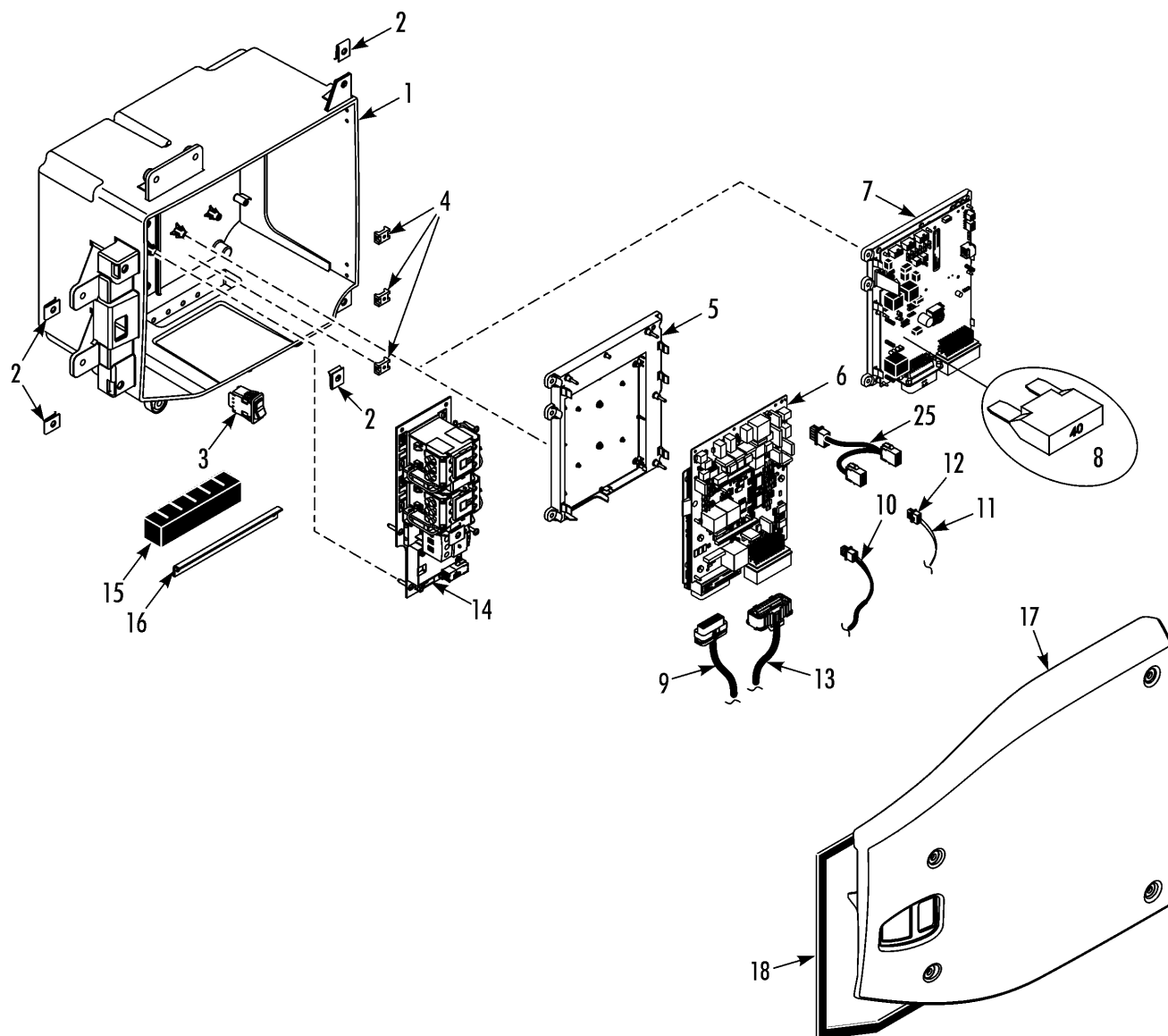
Revised
06/29/17

ELECTRICAL COMPONENTS (Scroll units)



235A7

REF	PART NO.	DESCRIPTION	QTY
	411816	PLUG - power (50A, T-1000, 230/3/60, see 236D3)	1
	444700	PLUG - power (20A, T-600/800/1000, 460/3/60, see 236D3)	1
41	418737	SWITCH - rocker	1
42	600669	KIT - valve & harness (see PB1601 for more information)	1
	617724	* VALVE - throttling (electronic)	1
43	422524	* HARNESS - jumper	1
	401313	KIT - valve repair	1

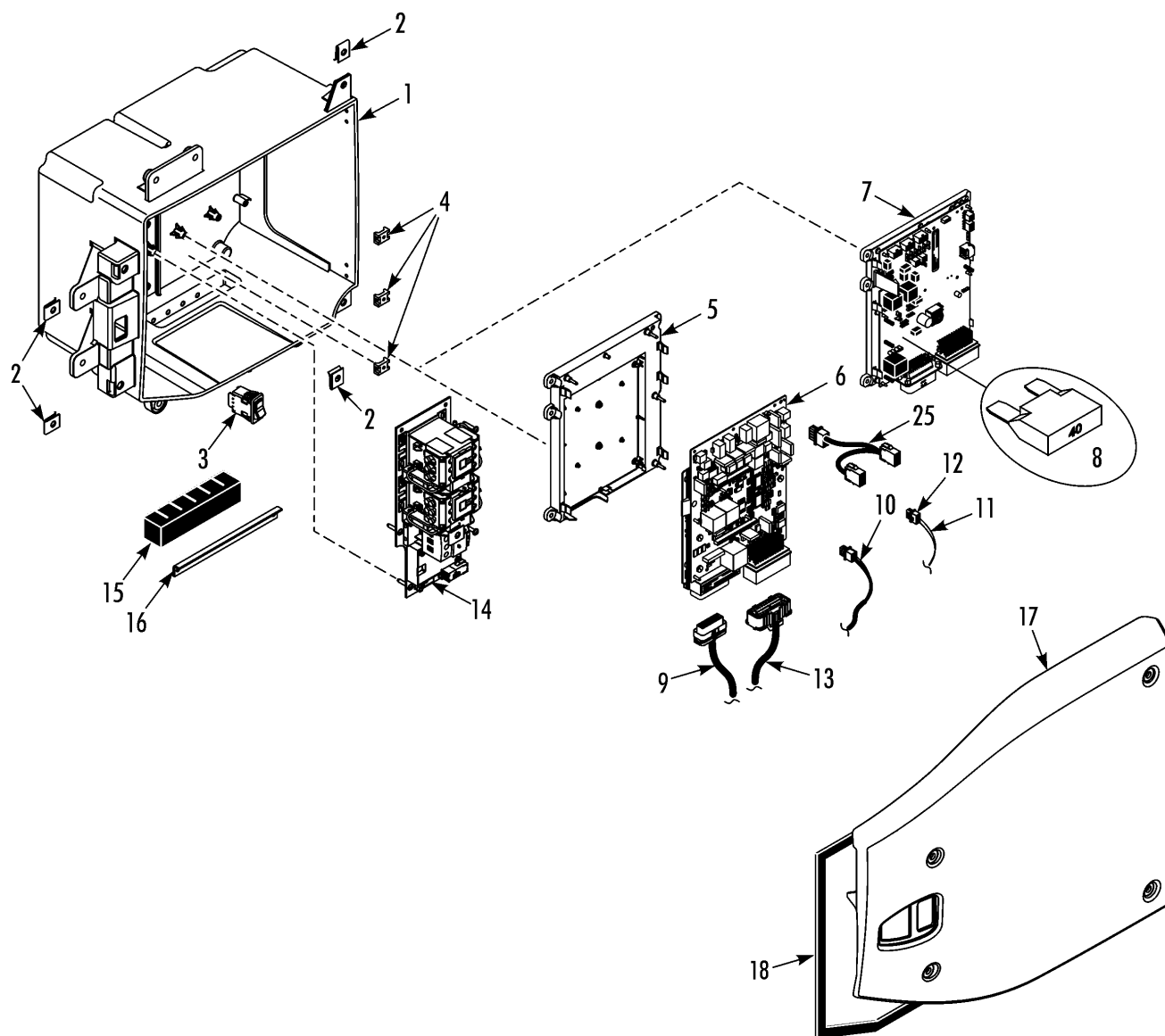
290E2**CONTROL BOX**Revised
04/06/17

Revised
04/06/17

CONTROL BOX

**290E2**

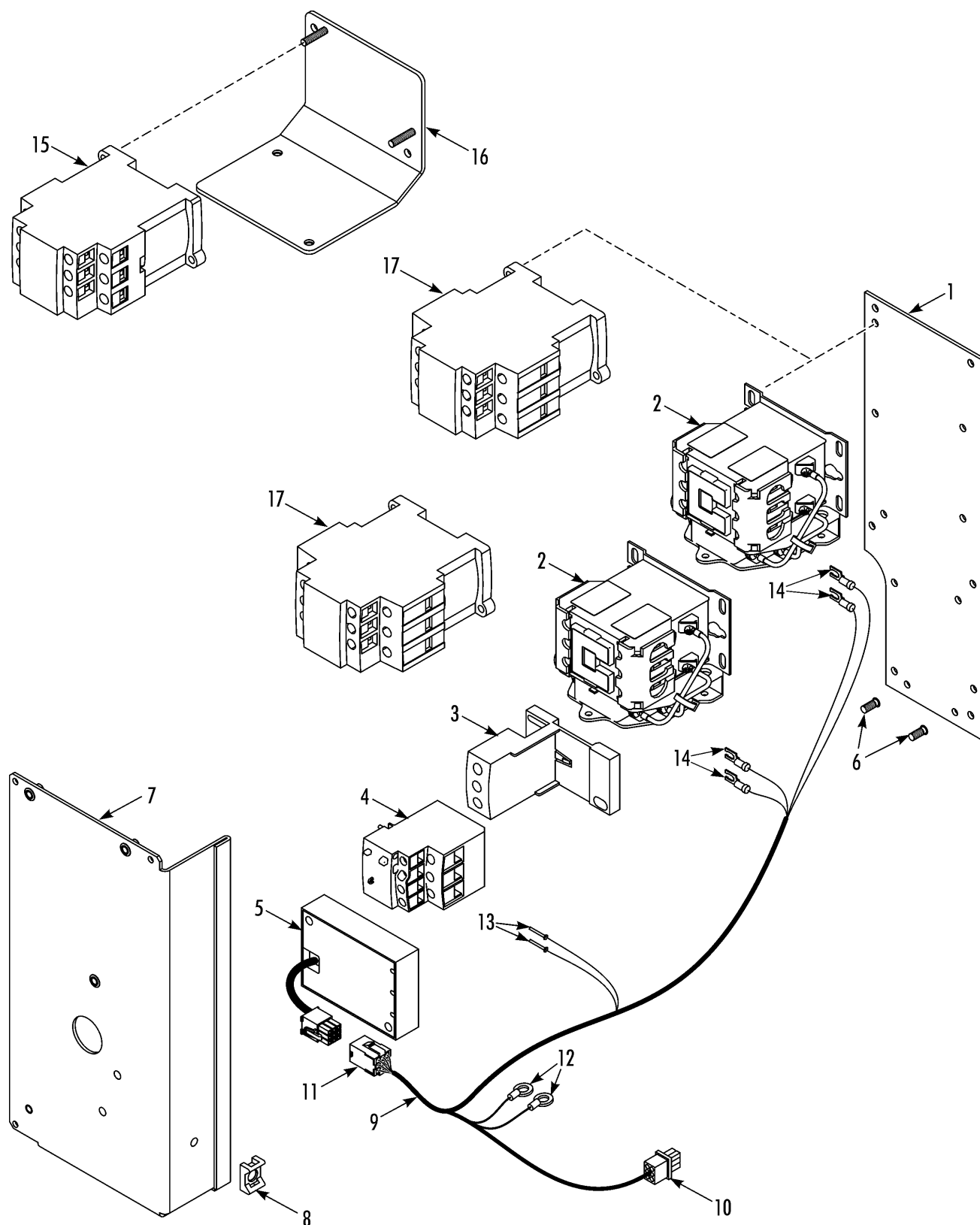
REF	PART NO.	DESCRIPTION	QTY
1	988222	BOX - control	1
2	554318	NUT - u	4
3	418737	SWITCH - on/off (rocker)	1
4	993281	MOUNT - cable tie	5
	511851TKA	SCREW - mount	5
	552331	BANDWRAP (4.0 dia)	A/R
	552330	BANDWRAP (1.75 dia)	A/R
	552332	BANDWRAP (0.75 dia)	A/R
5	8452570	BOARD - controller - SR-2 (before 8/11, see 204E0)	1
	511851TKA	SCREW - controller	9
6	8452571	BOARD - interface (new exchange, SR-2, before 8/11, see 204E0)	1
	511767	SCREW - interface board	9
7	8452721	BOARD & CONTROLLER (SR-3, 8/11 & after, see 250B2)	1
8	415786	FUSE (40A)	1
9	418698	HARNESS - sensor (see 236D1)	1
10	418700	HARNESS - communications (SR-2, before 8/11, see 236D2)	1
	420156	HARNESS - communications (SR-3, 8/11 & after, see 250F4)	1
11	420644	HARNESS - HMI controller (12M, see 238B7)	1
	415813	HARNESS - HMI controller (premium, 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	418697	HARNESS - main (SR-2, before 8/11, see 235F3)	1
	420155	HARNESS - main (SR-3, 8/11 & after, see 235F3)	1
	421517	HARNESS -main (ESA)	1
14	NSS	TRAY - high voltage (see 235F2)	1
	511851TKA	SCREW - tray	6
15	334503	FOAM - wire harness	1
16	927579	BRACKET - harness retaining	1

290E2**CONTROL BOX**Revised
04/06/17

Revised
04/06/17

CONTROL BOX**290E2**

REF	PART NO.	DESCRIPTION	QTY
	511851TKA	SCREW - bracket	2
17	988024	DOOR - control box (see 236D5, 235A9)	1
18	334504	GASKET - door	1

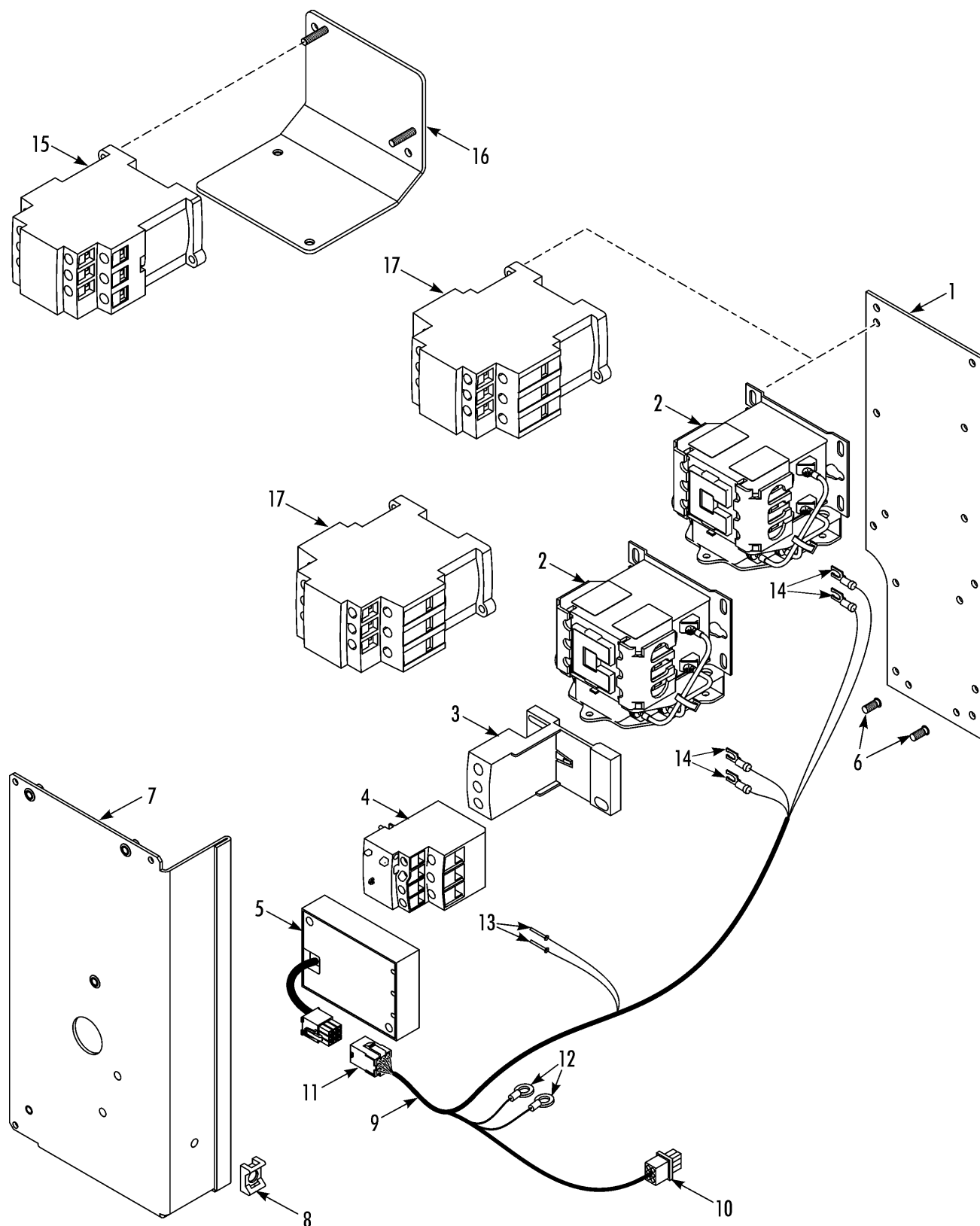
235F2**HIGH VOLTAGE TRAY**Revised
05/28/15

Revised
05/28/15

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
05/28/15

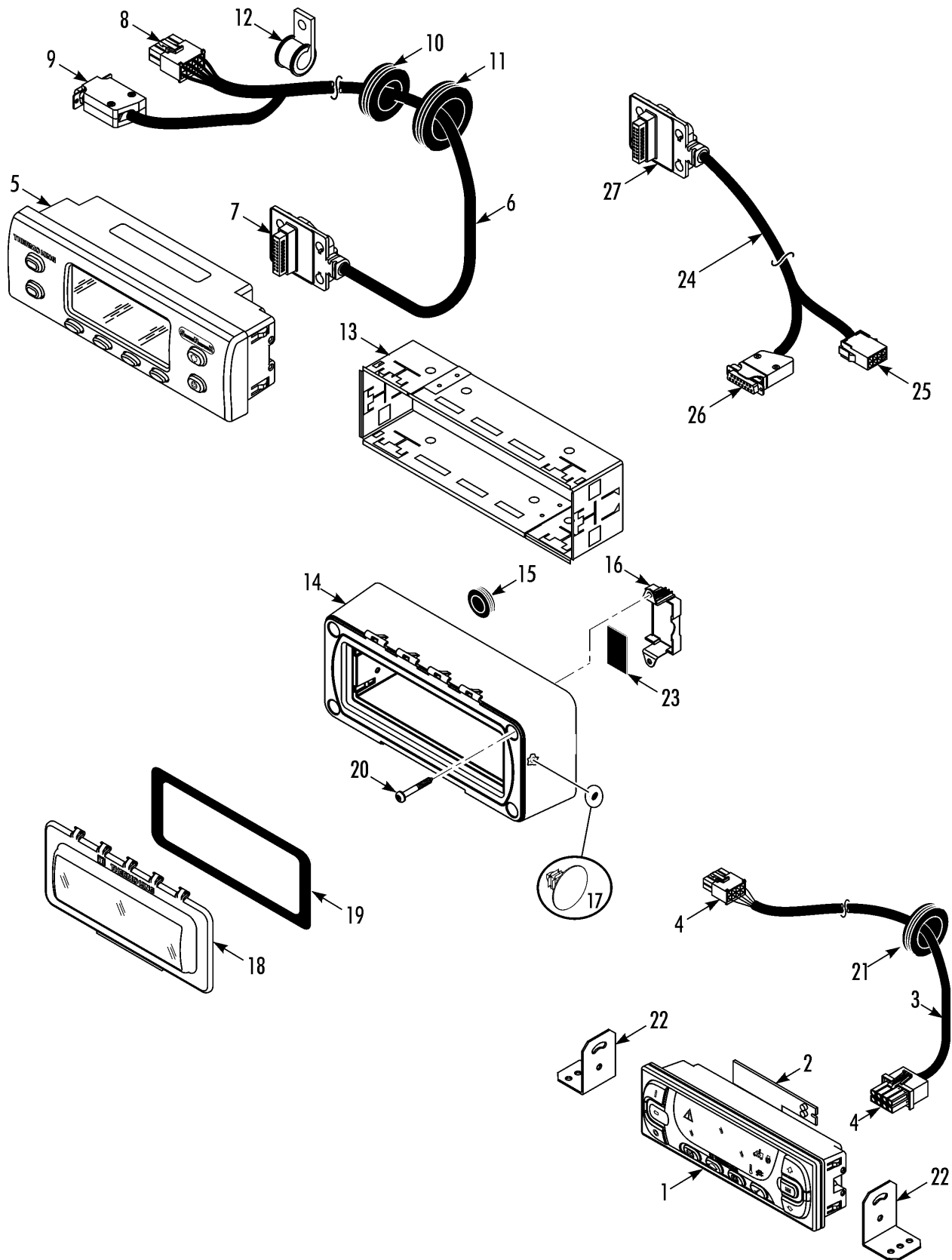
Revised
05/28/15

HIGH VOLTAGE TRAY



235F2

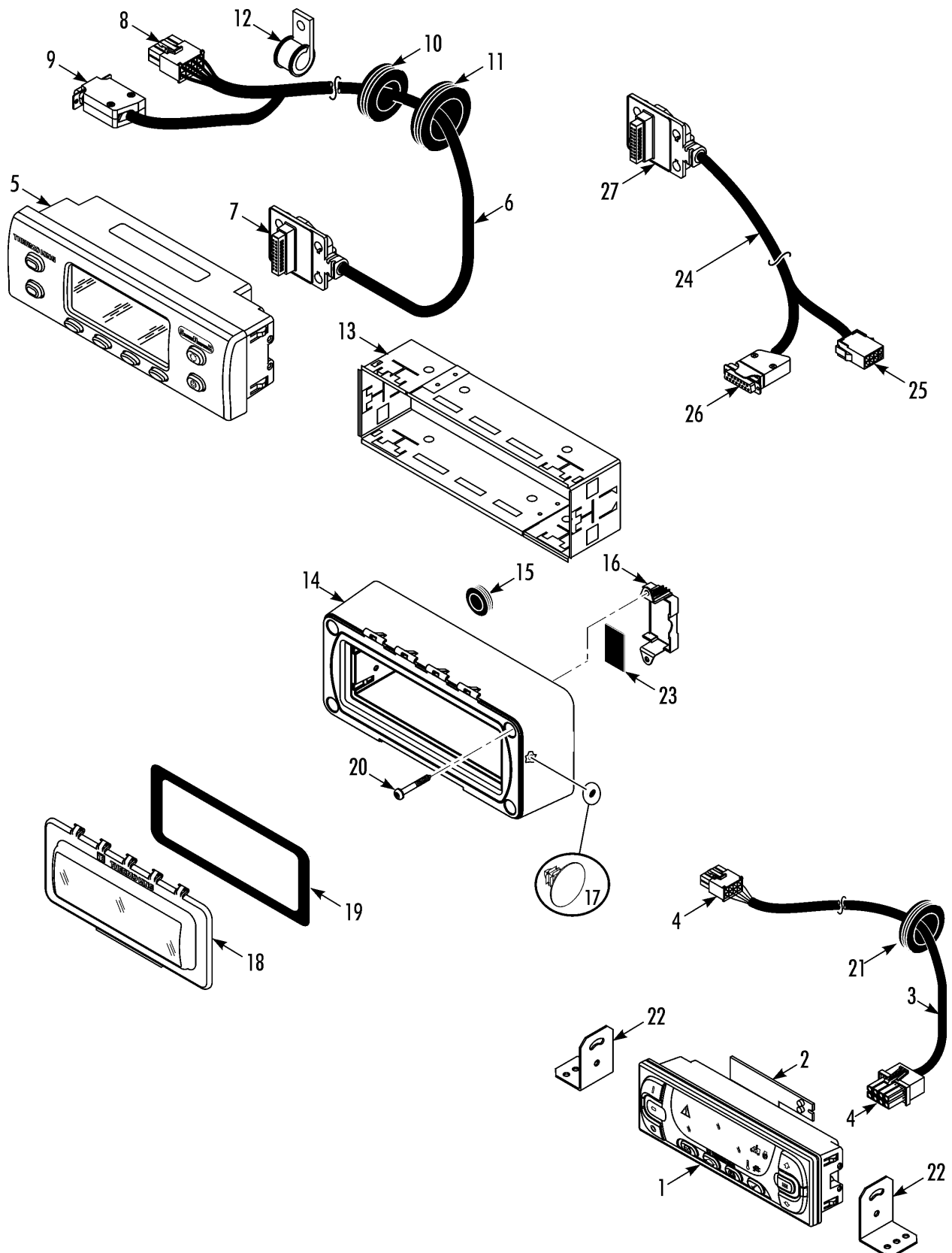
REF	PART NO.	DESCRIPTION	QTY
13	449888	* TERMINAL - pin	2
14	410280	* TERMINAL - fork (red)	2
	418869	* TERMINAL - fork (blue)	2
15	415629	CONTACTOR - heater (optional)	1
	559763	NUT - contactor	2
16	927555	BRACKET - heater relay	1
	557862	SCREW - bracket	2
	557369	LOCKWASHER	2
	557697	FLATWASHER	2
17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

238B7**CAB HMI CONTROLLER & HARNESS**Revised
12/12/16

Revised
12/12/16**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
12/12/16

Revised
12/12/16

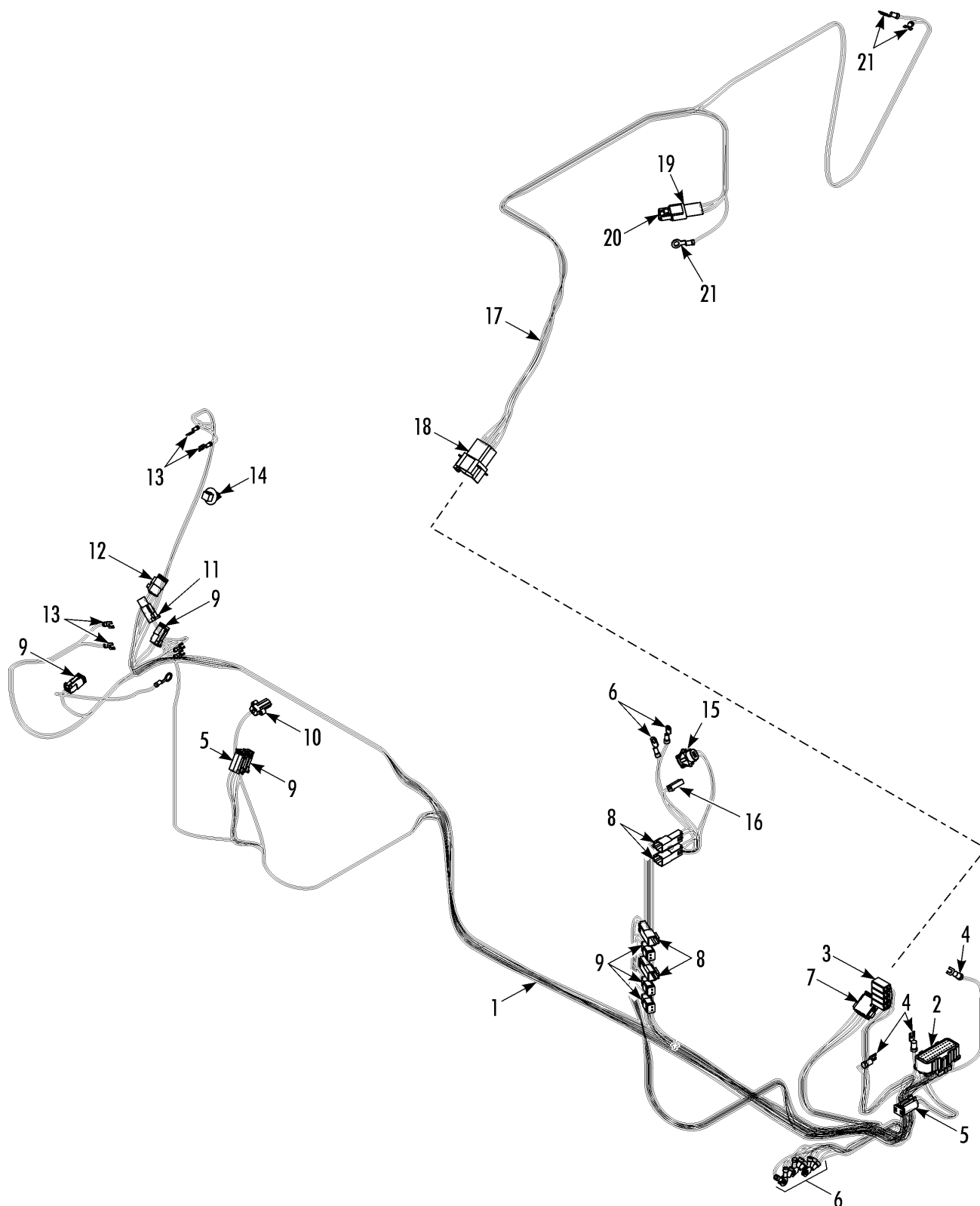
CAB HMI CONTROLLER & HARNESS



238B7

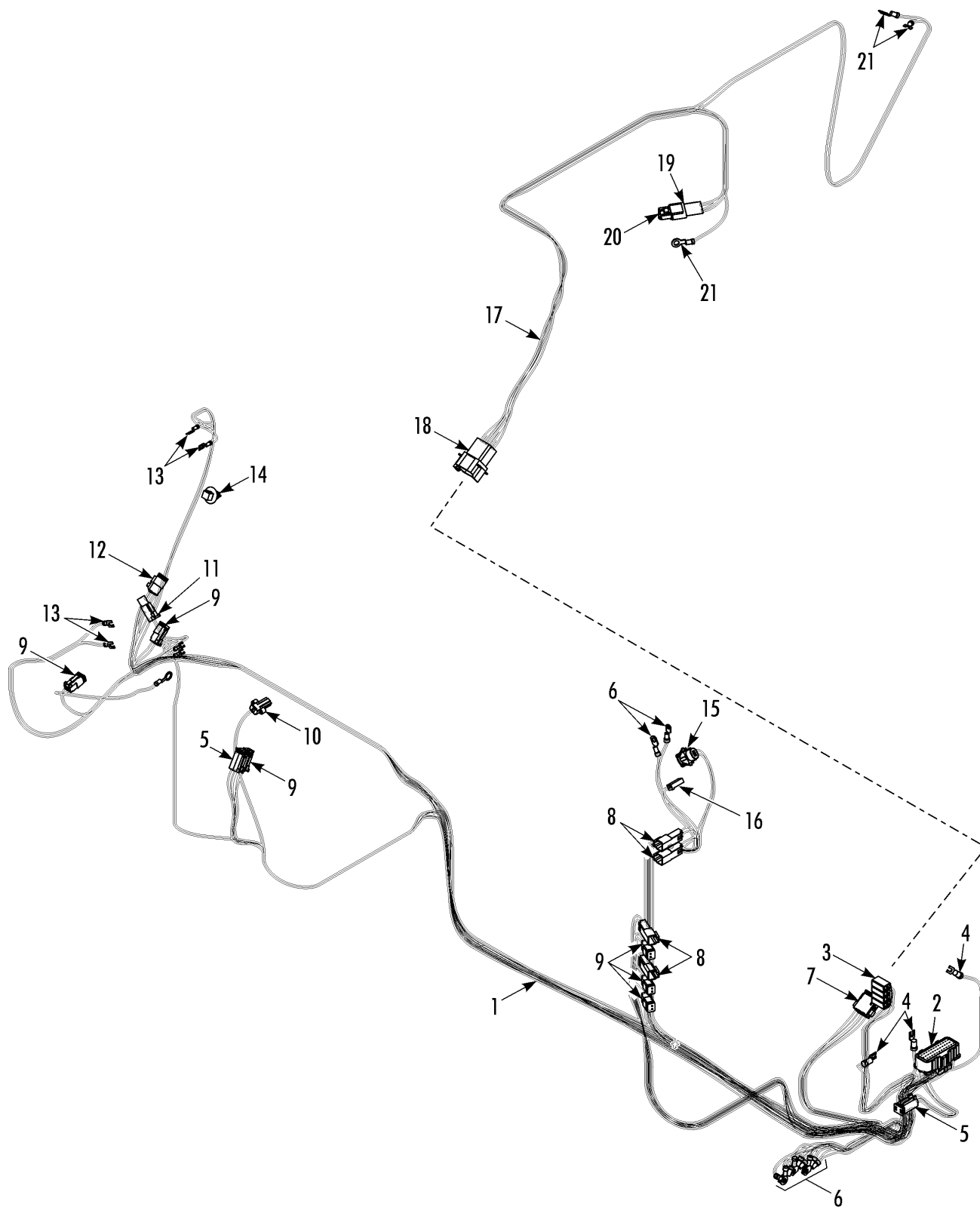
REF	PART NO.	DESCRIPTION	QTY
20	510801	SCREW - box	4
21	332110	GROMMET (1.0 in)	1
22	914308	BRACKET - in-cab controller	2
	555636	SCREW - bracket	4
	552201	FLATWASHER	4
23	334799	GASKET - sealing	1
24	422550	HARNESS - premium adaptor (Europe units only, see note)	1
25	418828	* RECETACLE (8-pin)	1
26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

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

235F3**MAIN HARNESS & EVAPORATOR
HARNESS**Revised
04/13/14

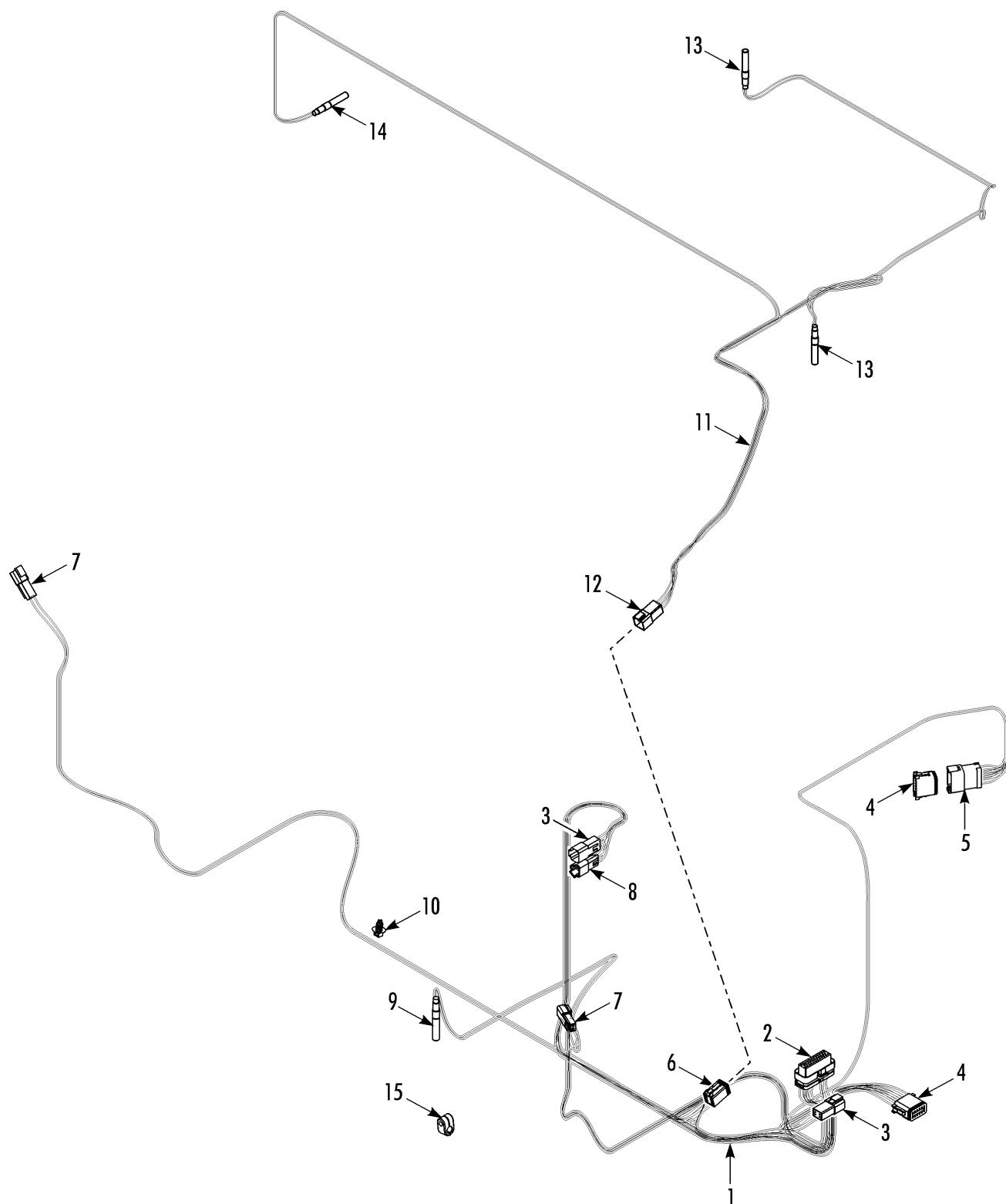
Revised
04/13/14**MAIN HARNESS & EVAPORATOR
HARNESS****235F3**

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
04/13/14

Revised
04/13/14**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
01/16/15

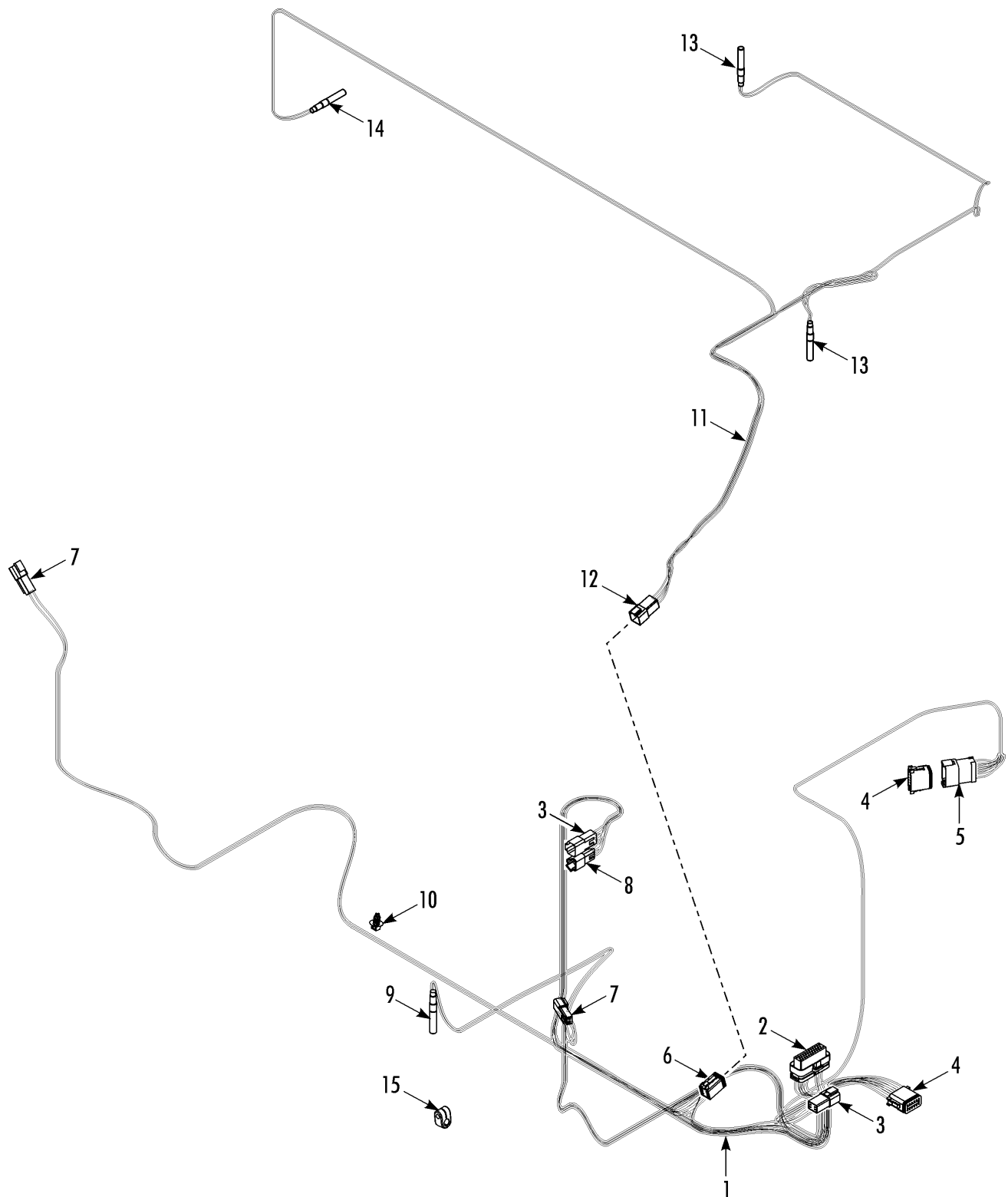
Revised
01/16/15

SENSOR HARNESSES



236D1

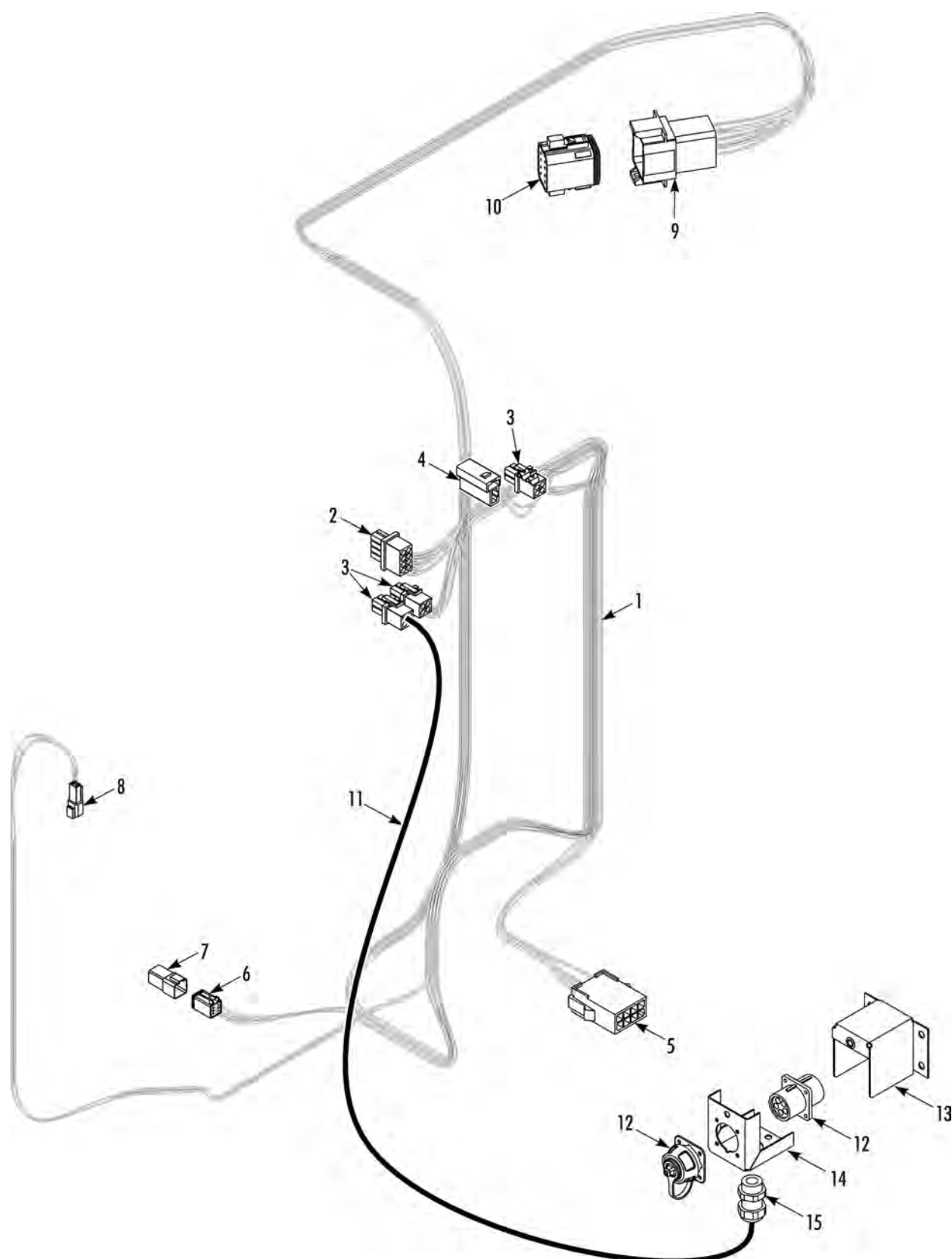
REF	PART NO.	DESCRIPTION	QTY
1	418698	HARNESS - sensor (condenser)	1
2	412407	* PLUG - 35-pin	1
	412457	* TERMINAL - socket	14
3	418735	* RECEPTACLE - 4-pin (main harness & suction transducer)	2
	418833	* WEDGE - 4-pin	2
	418821	* PIN - gold (18 ga)	7
	449602	* PIN - sealing	1
4	417585	* PLUG - 12-pin (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
01/16/15

Revised
01/16/15

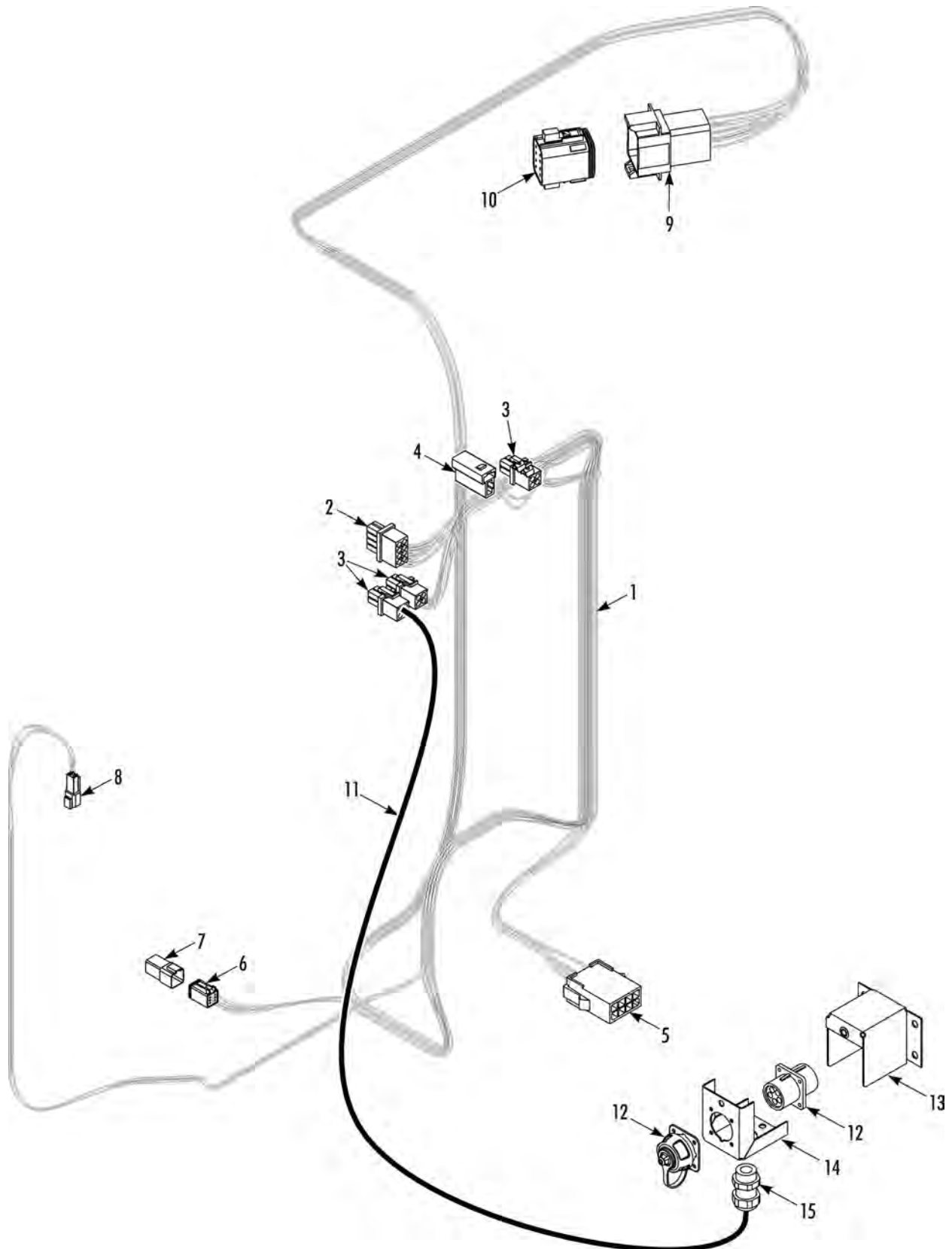
SENSOR HARNESSES**236D1**

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

236D2**COMMUNICATION HARNESSES (before 8/11)**Revised
02/04/16

Revised
02/04/16**COMMUNICATION HARNESSES (before 8/
11)****236D2**

REF	PART NO.	DESCRIPTION	QTY
1	418700	HARNESS - communications (SR-2, before 8/11)	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	419038	HARNESS - download	1
12	412405	RECEPTACLE - 5-pin (controller download)	1

236D2**COMMUNICATION HARNESSES (before 8/11)**Revised
02/04/16

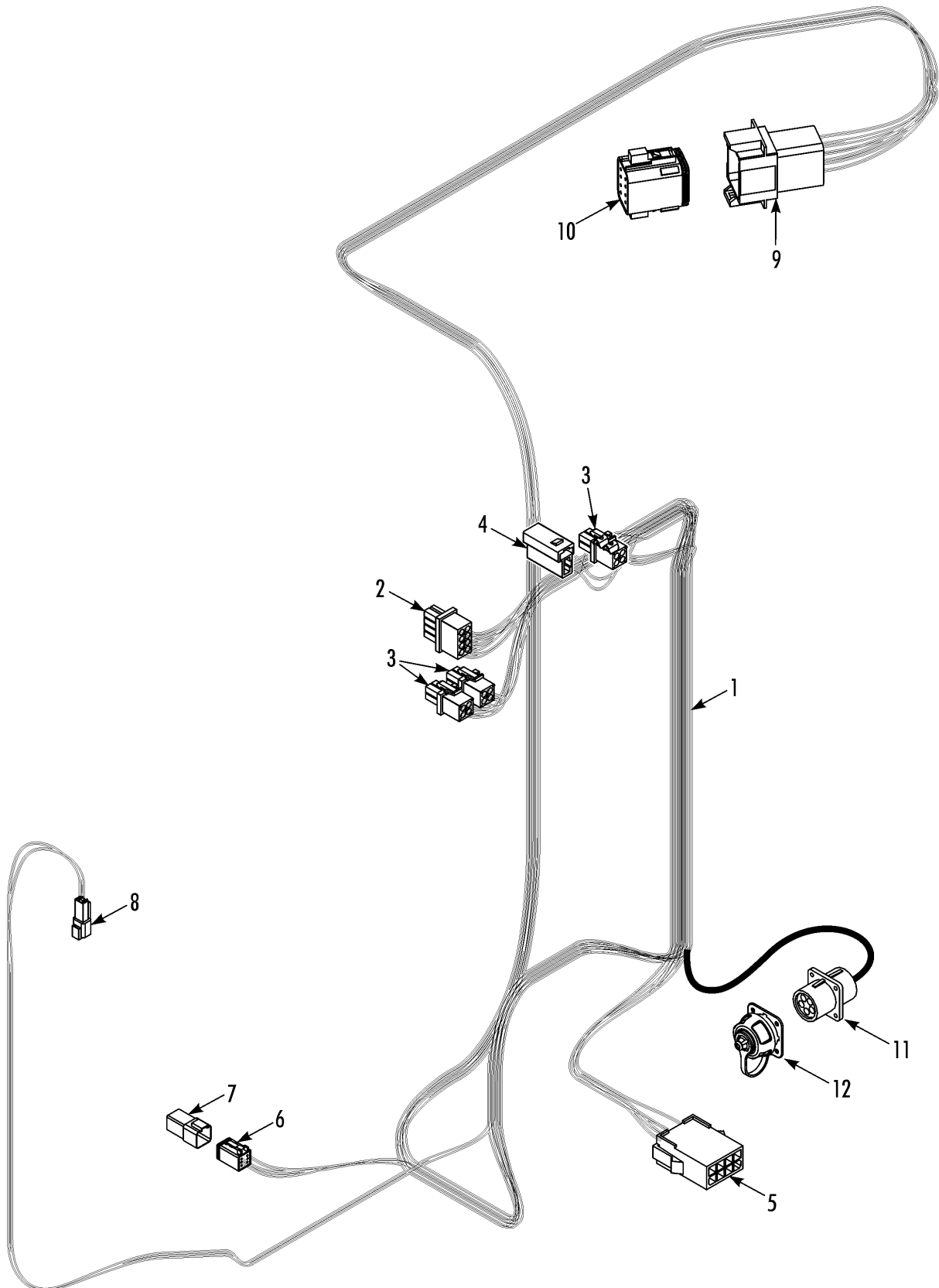
Revised
02/04/16

COMMUNICATION HARNESSES (before 8/ 11)



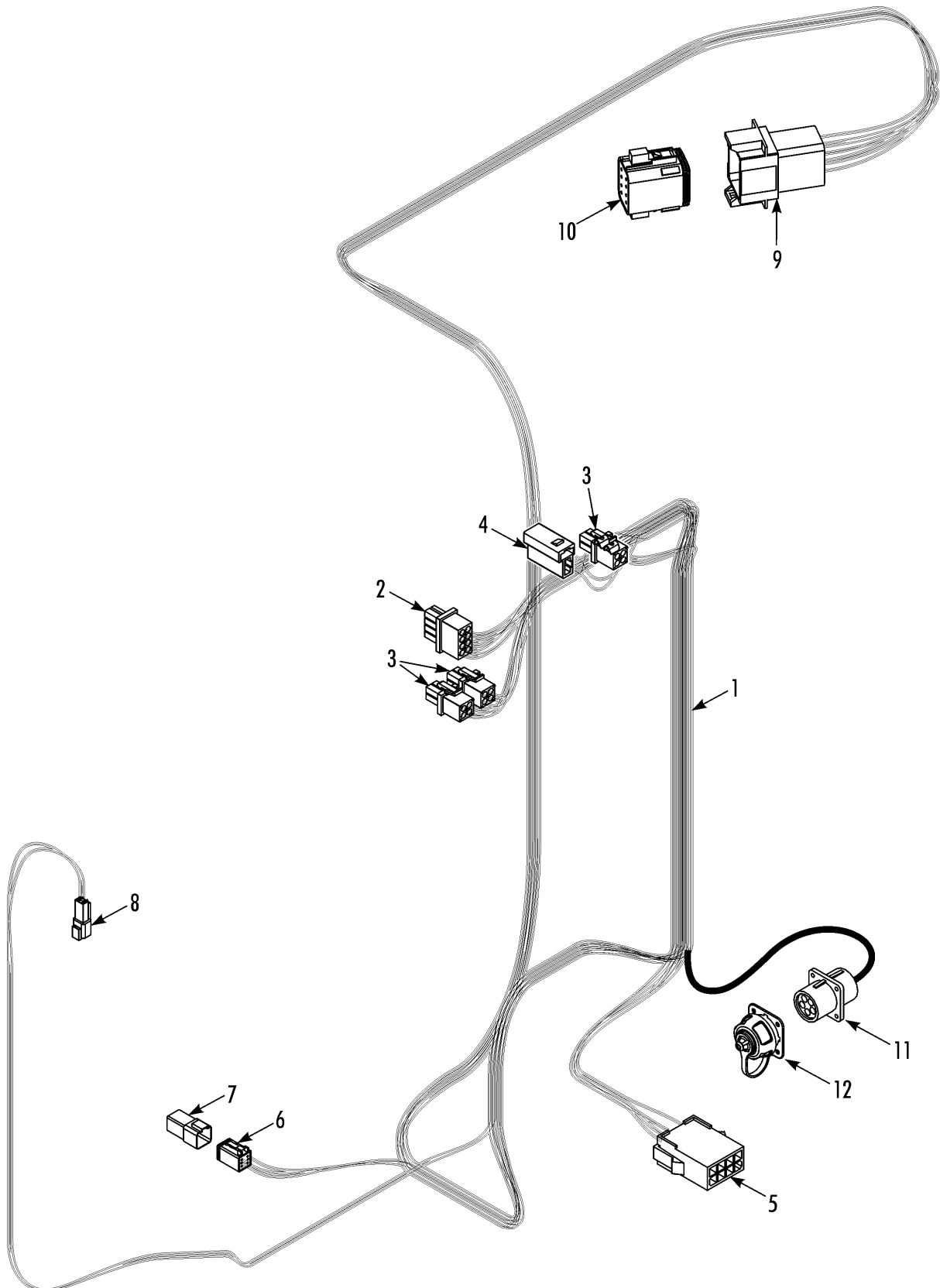
236D2

REF	PART NO.	DESCRIPTION	QTY
	449591	TERMINAL - pin (16-18 ga)	4
	923067	CAP - dust	1
13	927933	BOX - download	1
	553272	RIVET - box	4
	557830	FLATWASHER	4
14	927934	COVER - download	1
15	556409	GRIP - harness	1

250F4**COMMUNICATION HARNESSES (8/11 & after)**Revised
02/04/16

Revised
02/04/16**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
02/04/16

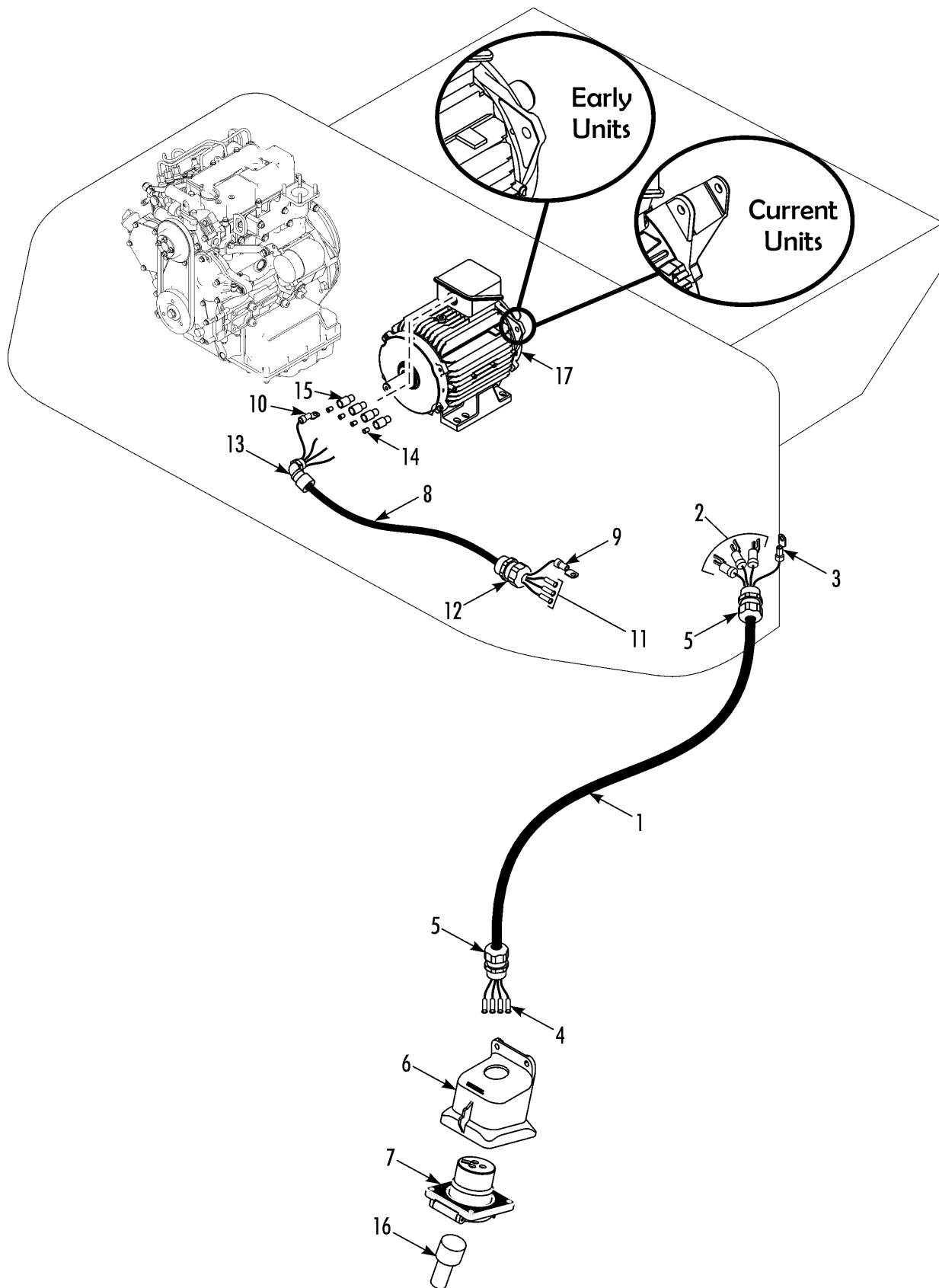
Revised
02/04/16

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



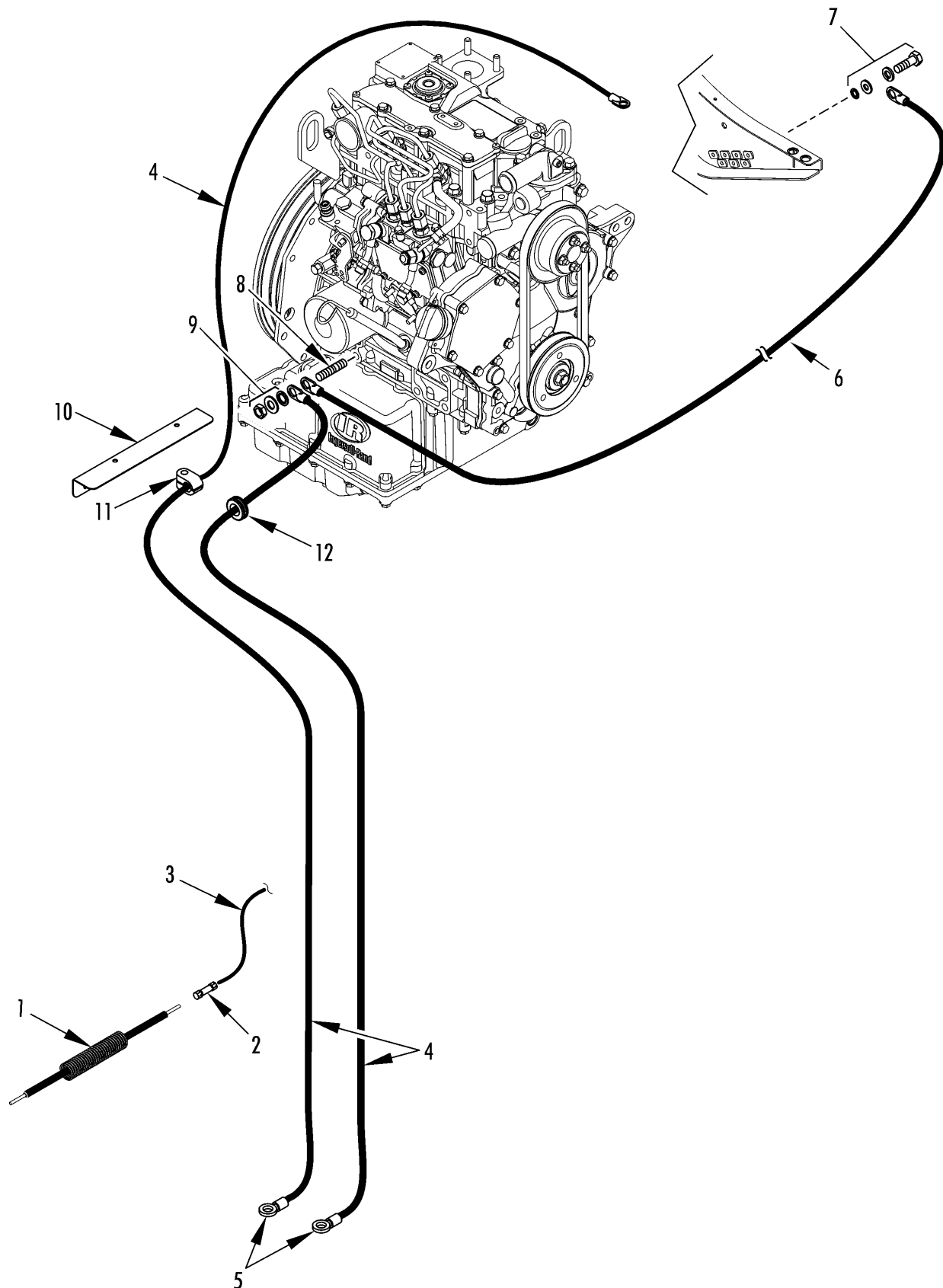
250F4

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

236D3**POWER RECEPTACLE & MOTOR
HARNESS TSA**Revised
04/21/17

Revised
04/21/17**POWER RECEPTACLE & MOTOR
HARNESS TSA****236D3**

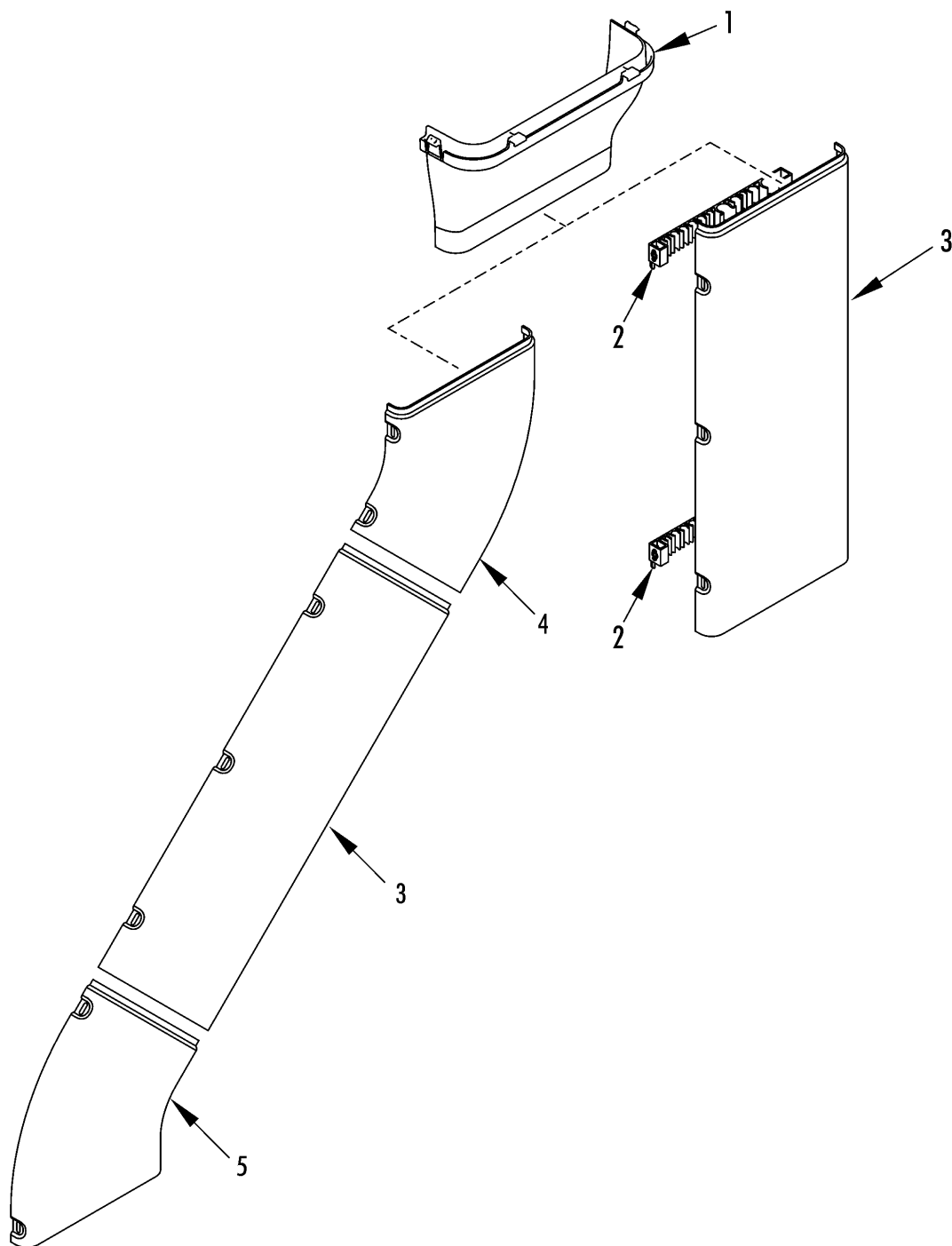
REF	PART NO.	DESCRIPTION	QTY
1	418741	CABLE - power (10 ft long)	1
	423104	CABLE - power (17 ft long)	1
2	414407	* TERMINAL - fork (#8 yellow)	3
3	442792	* TERMINAL - ring (#8 yellow)	1
4	449891	* TERMINAL - pin (10 ga)	4
5	414188	* CONNECTOR - harness grip	2
	552636	* NUT - lock	2
	414189	* WASHER - 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

236D0**BATTERY CABLES & FUSE**Revised
03/17/16

Revised
03/17/16**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.

236H1**HOSE MANAGEMENT**Revised
01/26/12

Revised
01/26/12

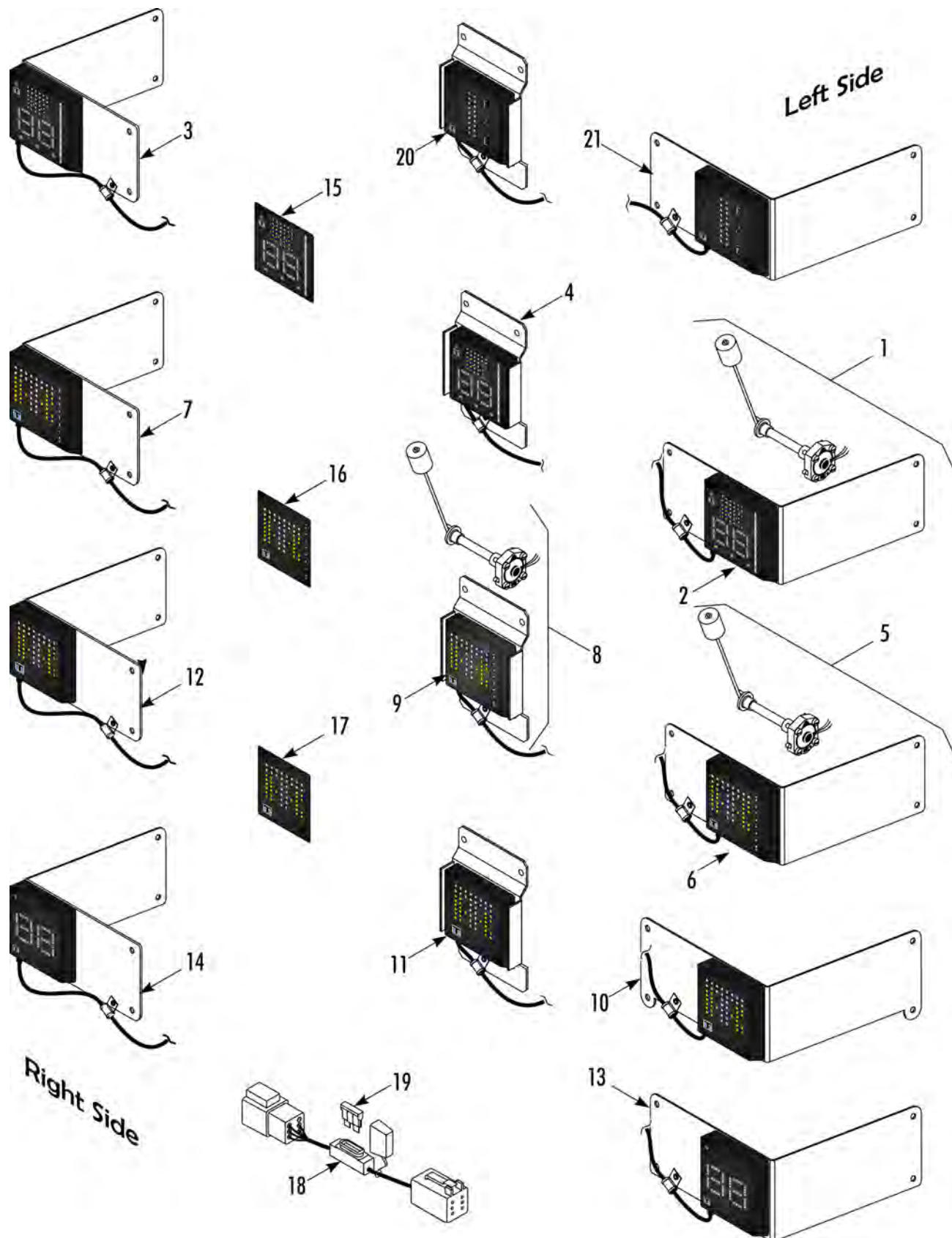
HOSE MANAGEMENT**236H1**

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

226E6



STATUS/ TEMPERATURE/ FUEL LEVEL DISPLAYS (North America)

 Revised
05/14/15


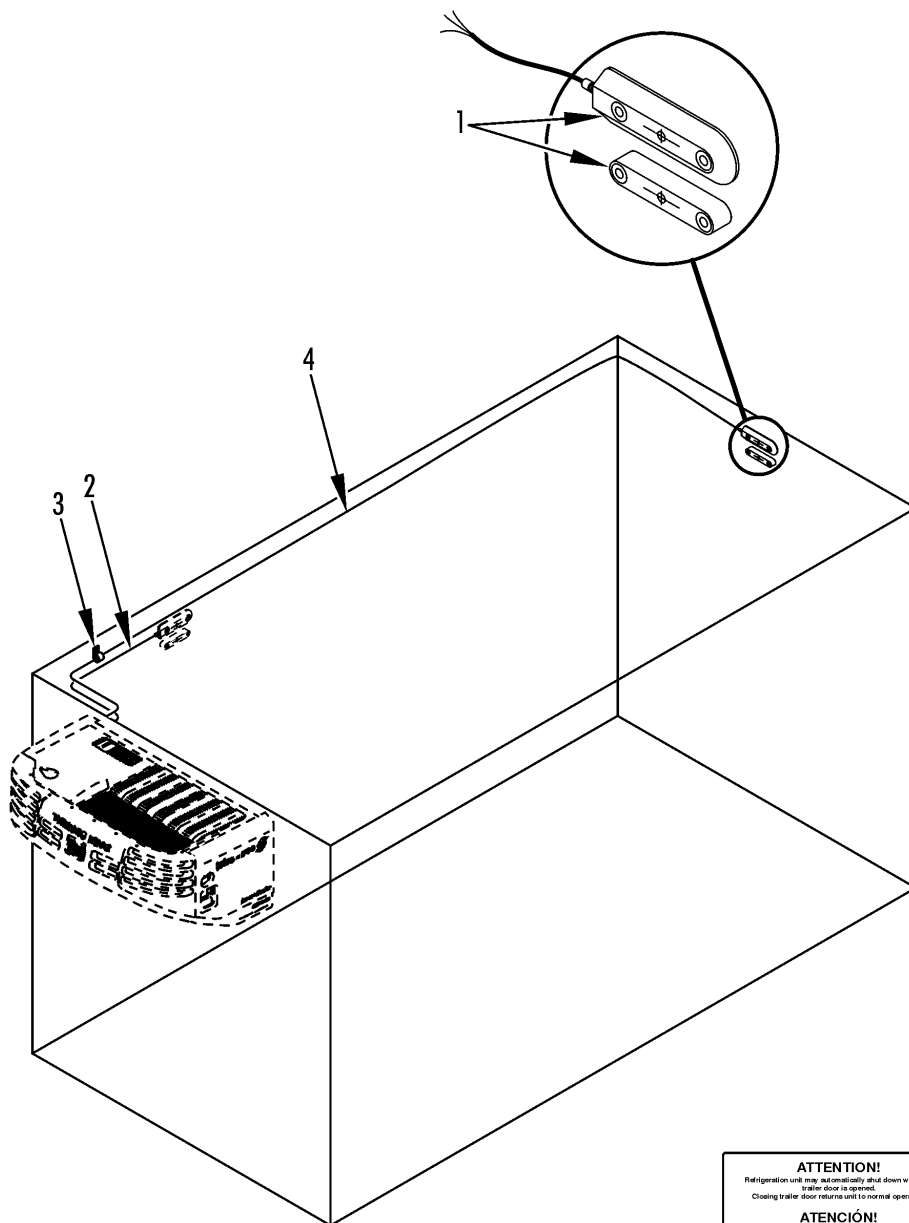
Revised
05/14/15**STATUS/ TEMPERATURE/ FUEL LEVEL
DISPLAYS (North America)****226E6**

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
3	401111	KIT - status/ temperature/ fuel level display (right side)	1
4	401112	KIT - status/ temperature/ fuel level display (flush mount)	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, SLX, 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, SLX, Precedent)	1
12	400996	KIT - status display (right mount, SB Australia)	1
	400985	KIT - status display (right side, SLX, 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
21	401165	KIT - fuel level (left side)	1

174E6



DOOR SWITCH

Revised
03/17/16

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
03/17/16

DOOR SWITCH



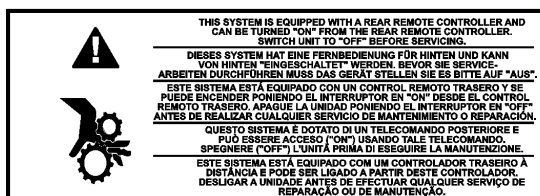
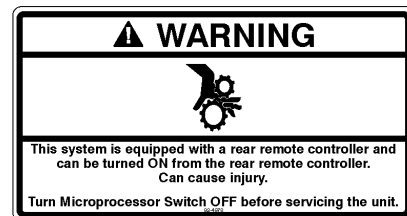
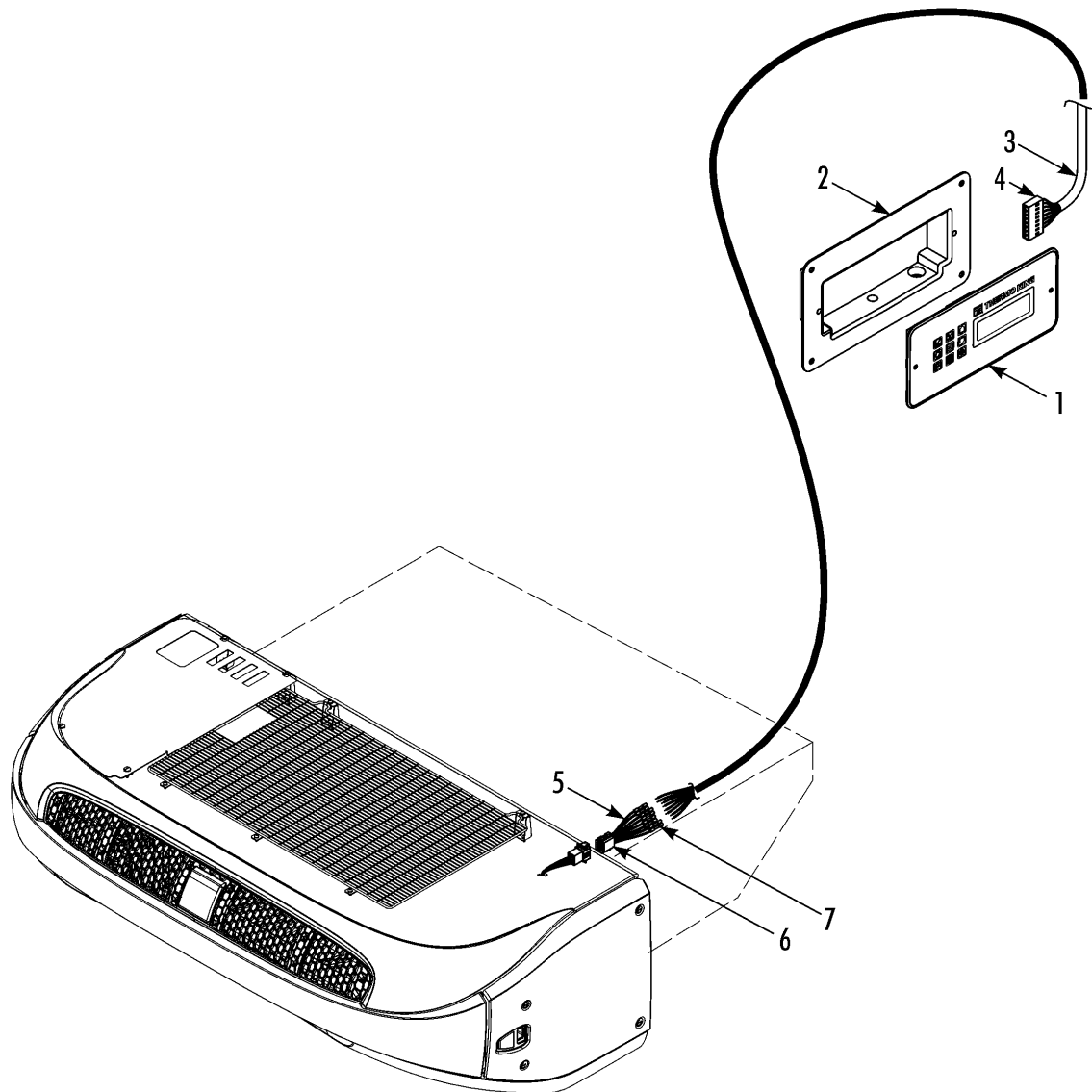
174E6

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

235H8



REAR REMOTE CONTROLLER

Revised
09/18/15

Revised
09/18/15

REAR REMOTE CONTROLLER



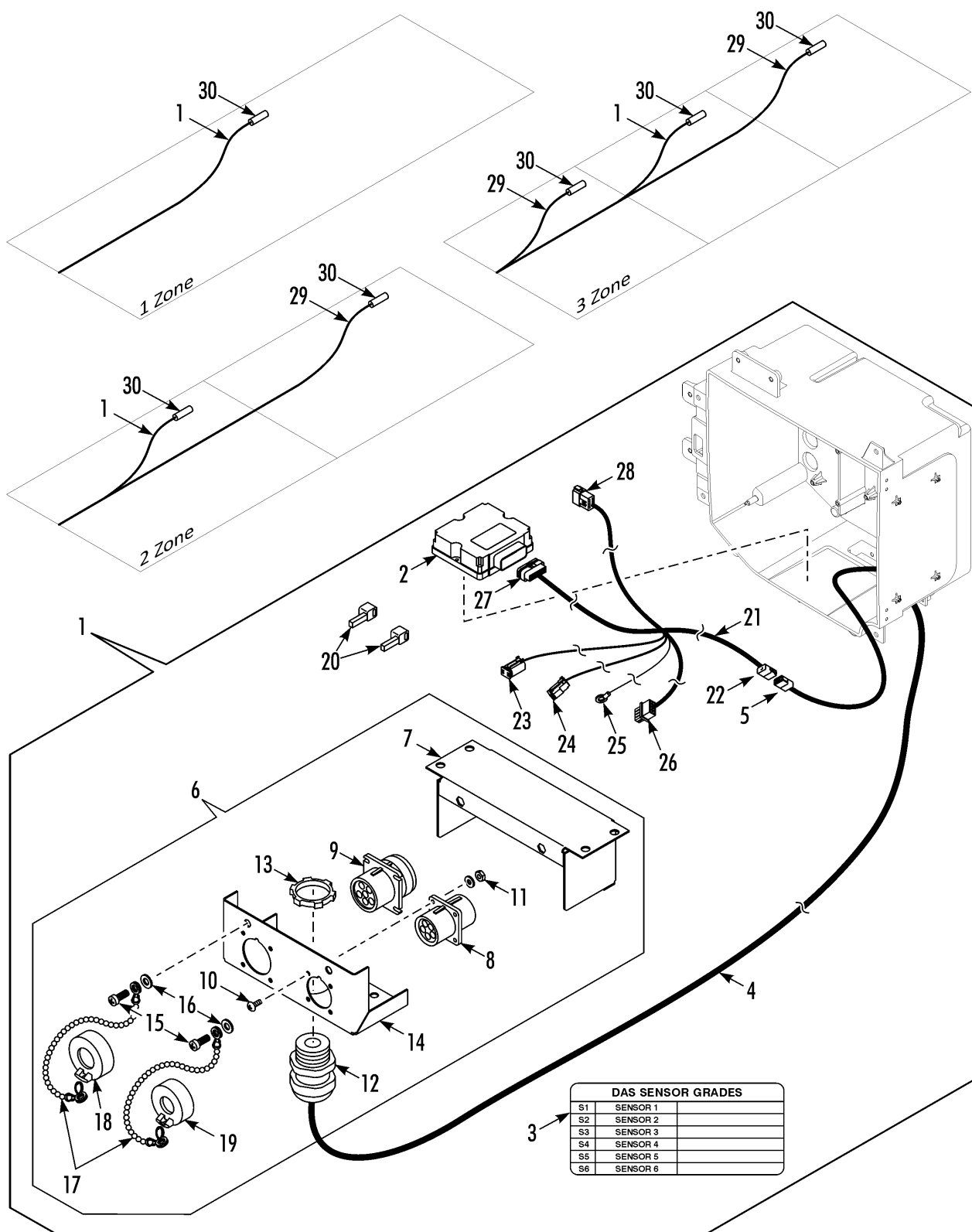
235H8

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

235H9



DAS CONTROL BOX

Revised
01/16/15

Revised
01/16/15

DAS CONTROL BOX



235H9

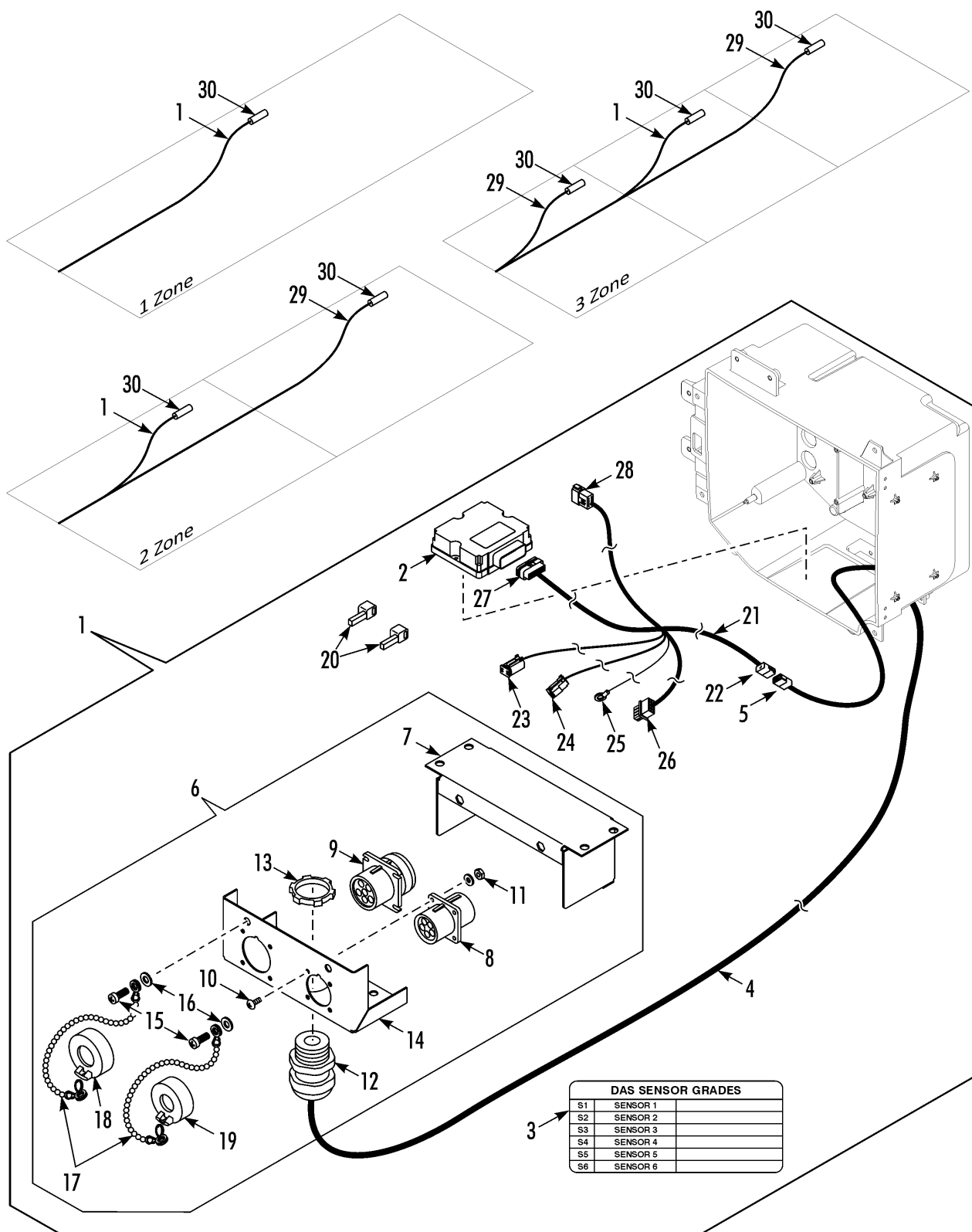
REF	PART NO.	DESCRIPTION	QTY
1	401125	KIT - DAS (EMEIA, 1 zone, incl sensor and 20 ft harness)	1
2	452247	* DATALOGGER - DAS IV	1
	2030439	** BATTERY	1
3	919305TKA	* NAMEPLATE - DAS Sensor Grade	1
4	418743	* HARNESS - DAS communications	1
5	449904	** RECEPTACLE - 12-pin	1
	449905	** WEDGE - 12-pin	1
	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
01/16/15

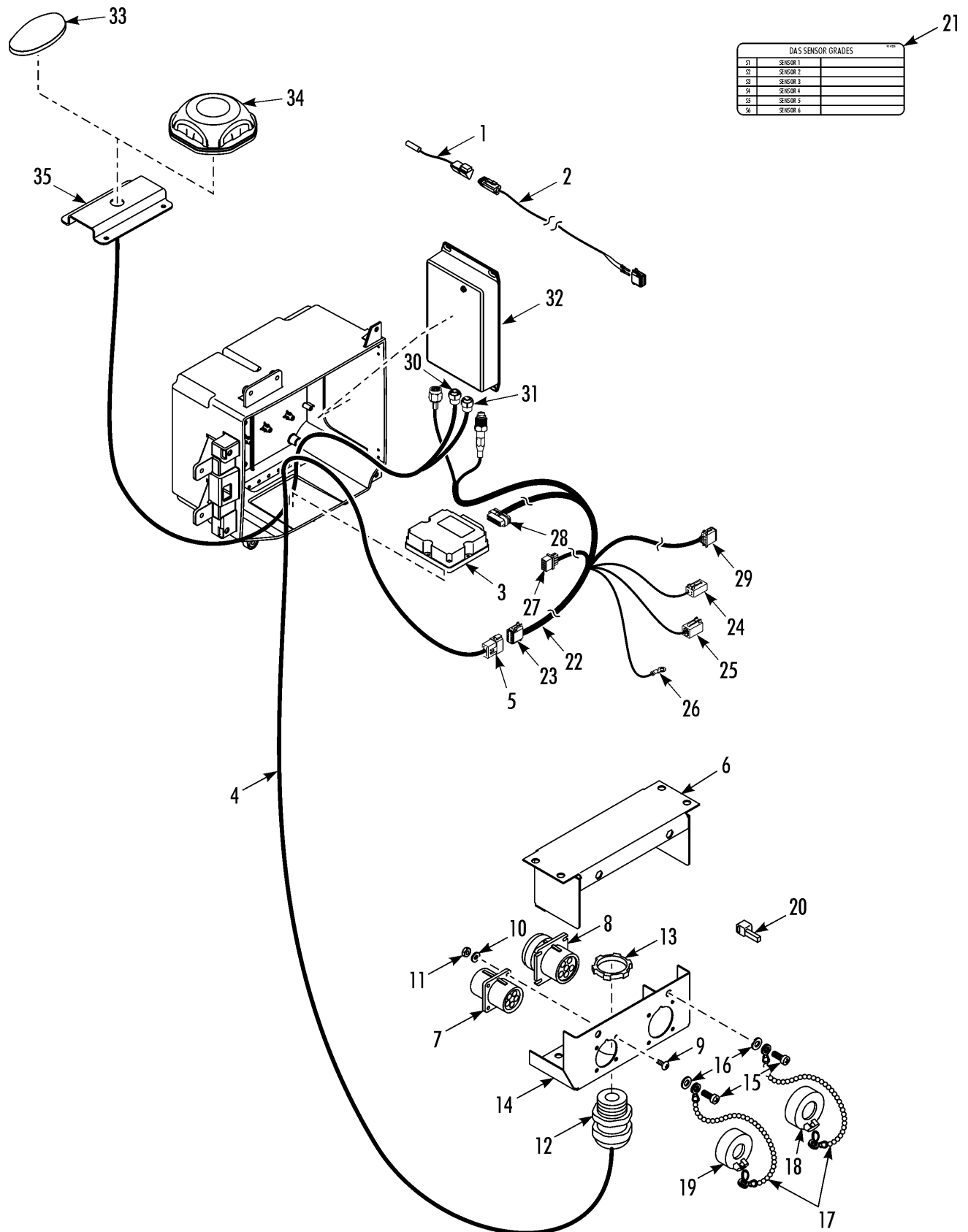
Revised
01/16/15

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.

238B8**DAS II/TracKing CONTROL BOX**Revised
01/16/15

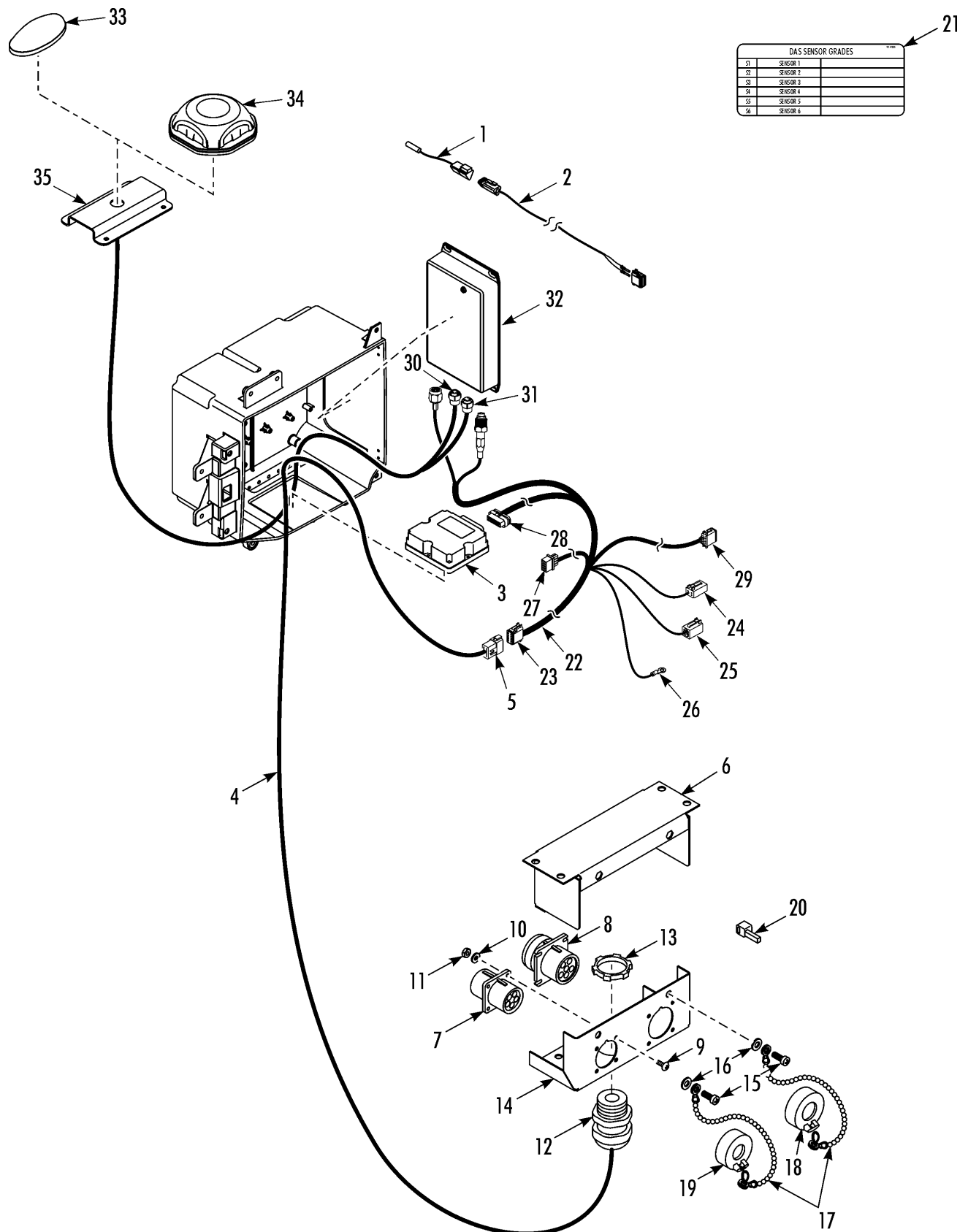
Revised
01/16/15

DAS II/TracKing CONTROL BOX



238B8

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 communications	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
23	417585	* PLUG - 12-pin (to DAS remote box)	1

238B8**DAS II/TracKing CONTROL BOX**Revised
01/16/15

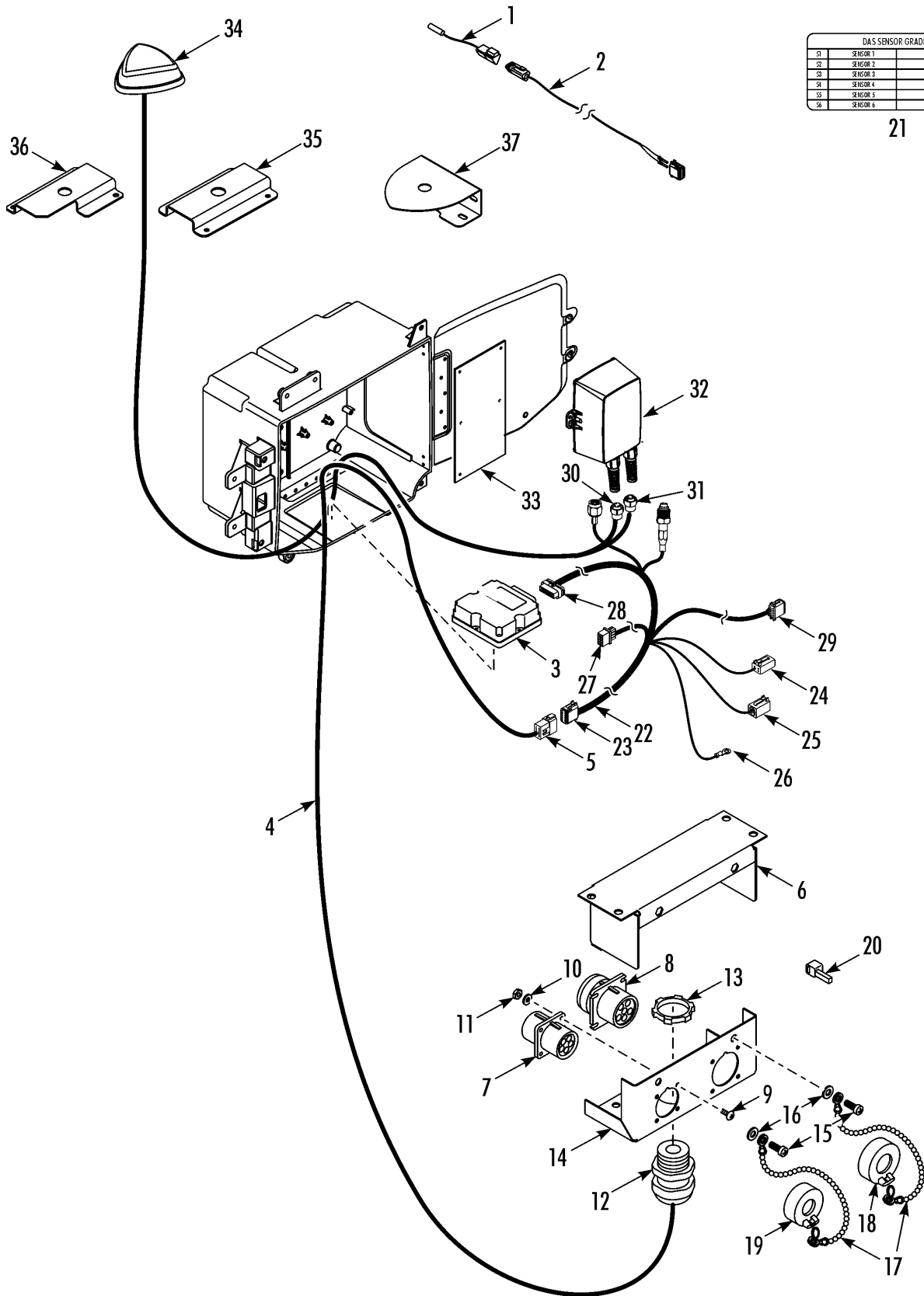
Revised
01/16/15

DAS II/TracKing CONTROL BOX



238B8

REF	PART NO.	DESCRIPTION	QTY
	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
32	419517	MODULE - TracKing (EU SIM)	1
	419516	MODULE - TracKing (TSA SIM)	1
	554606	SCREW - module	4
	557478	LOCKWASHER	4
	554638	FLATWASHER	4
33	419902	ANTENNA - GPS-GPRS (5M)	1
34	418755	ANTENNA - GPS-GPRS (1.5M)	1
35	927794	BRACKET - antenna	1
	511913	SCREW - bracket	5

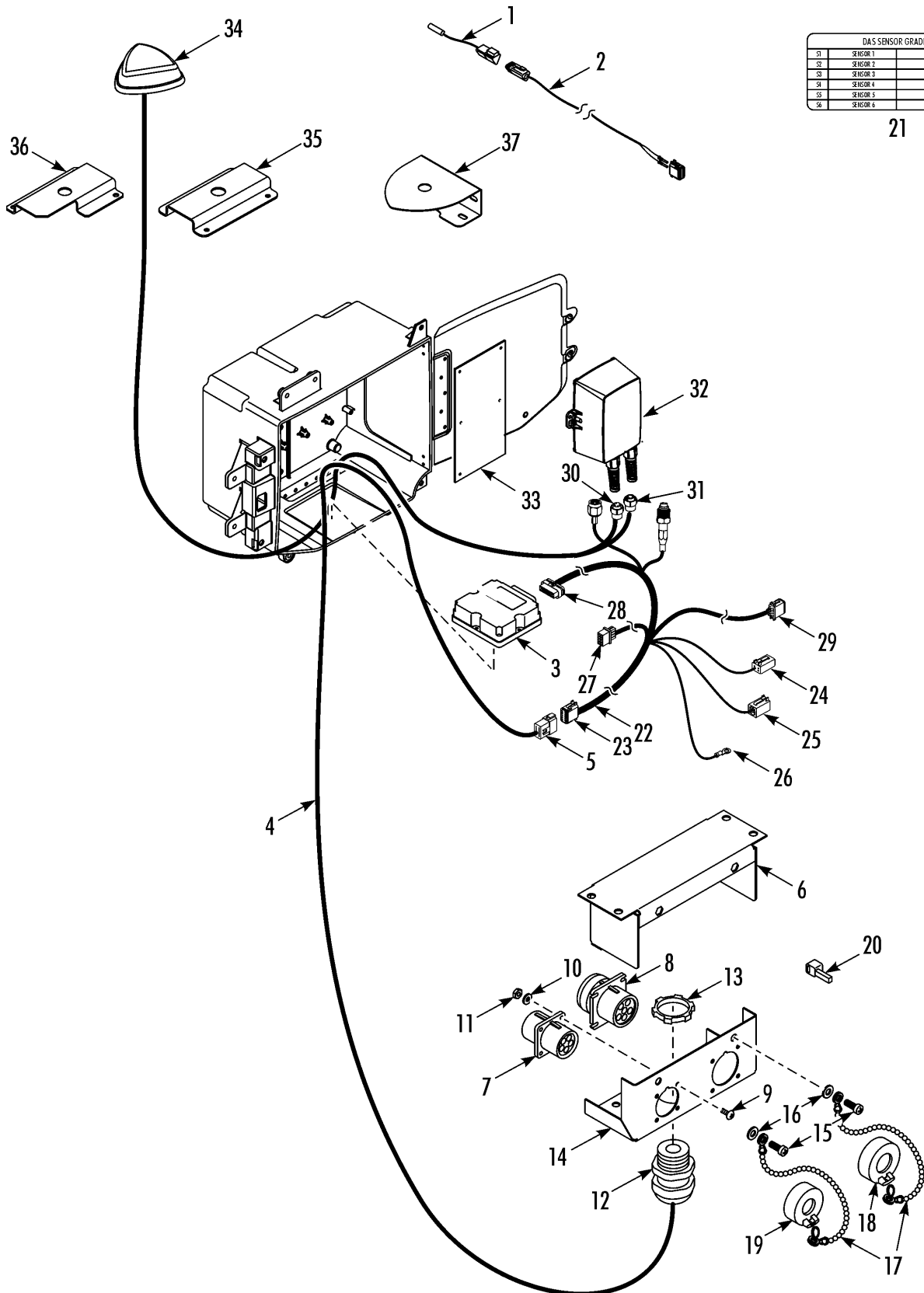
259G5**DAS IV/TracKing CONTROL BOX (5/12 & after)**Revised
01/16/15

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

21

Revised
01/16/15**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
01/16/15

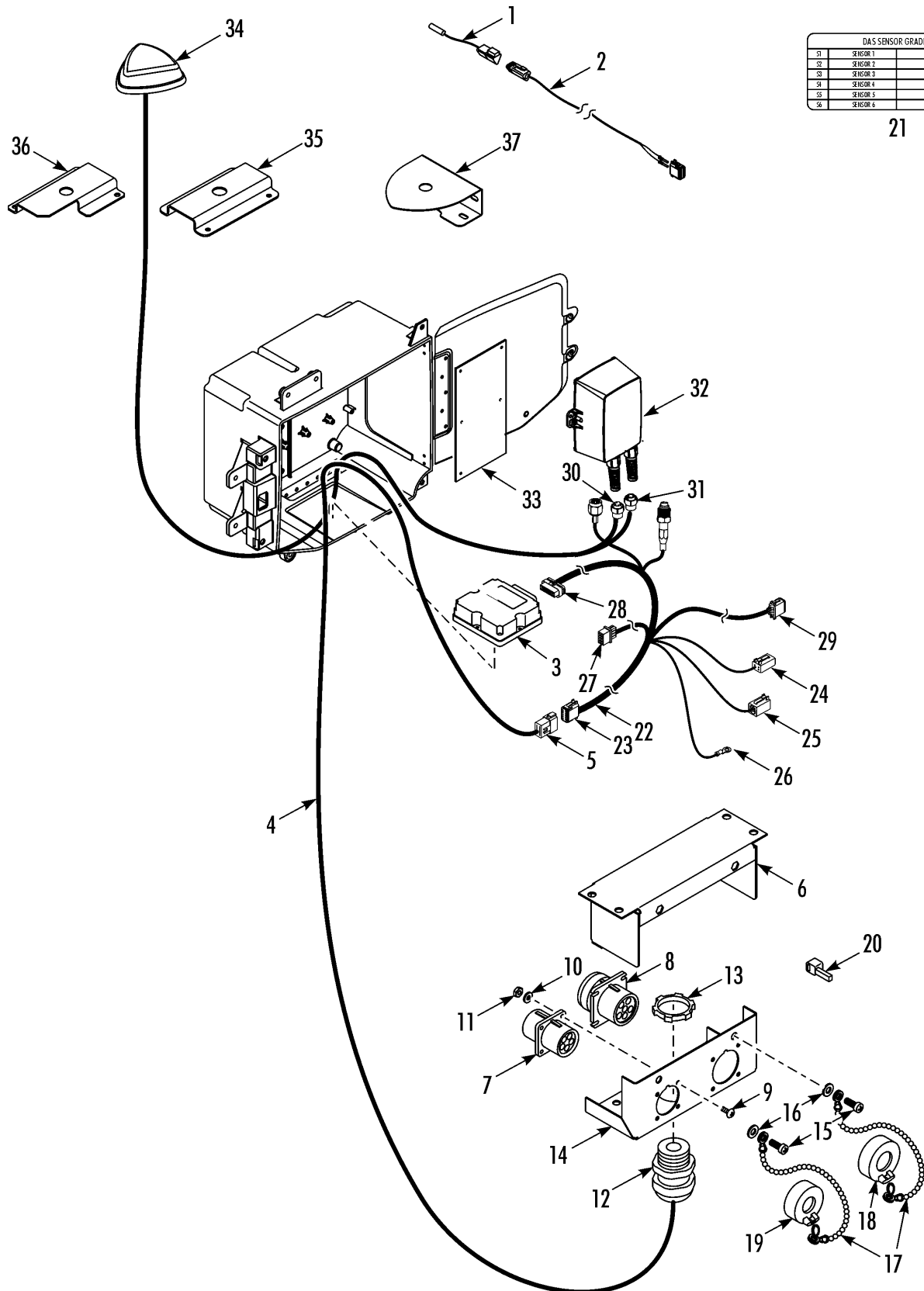
Revised
01/16/15**DAS IV/TracKing CONTROL BOX (5/12 &
after)****259G5**

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
01/16/15

21

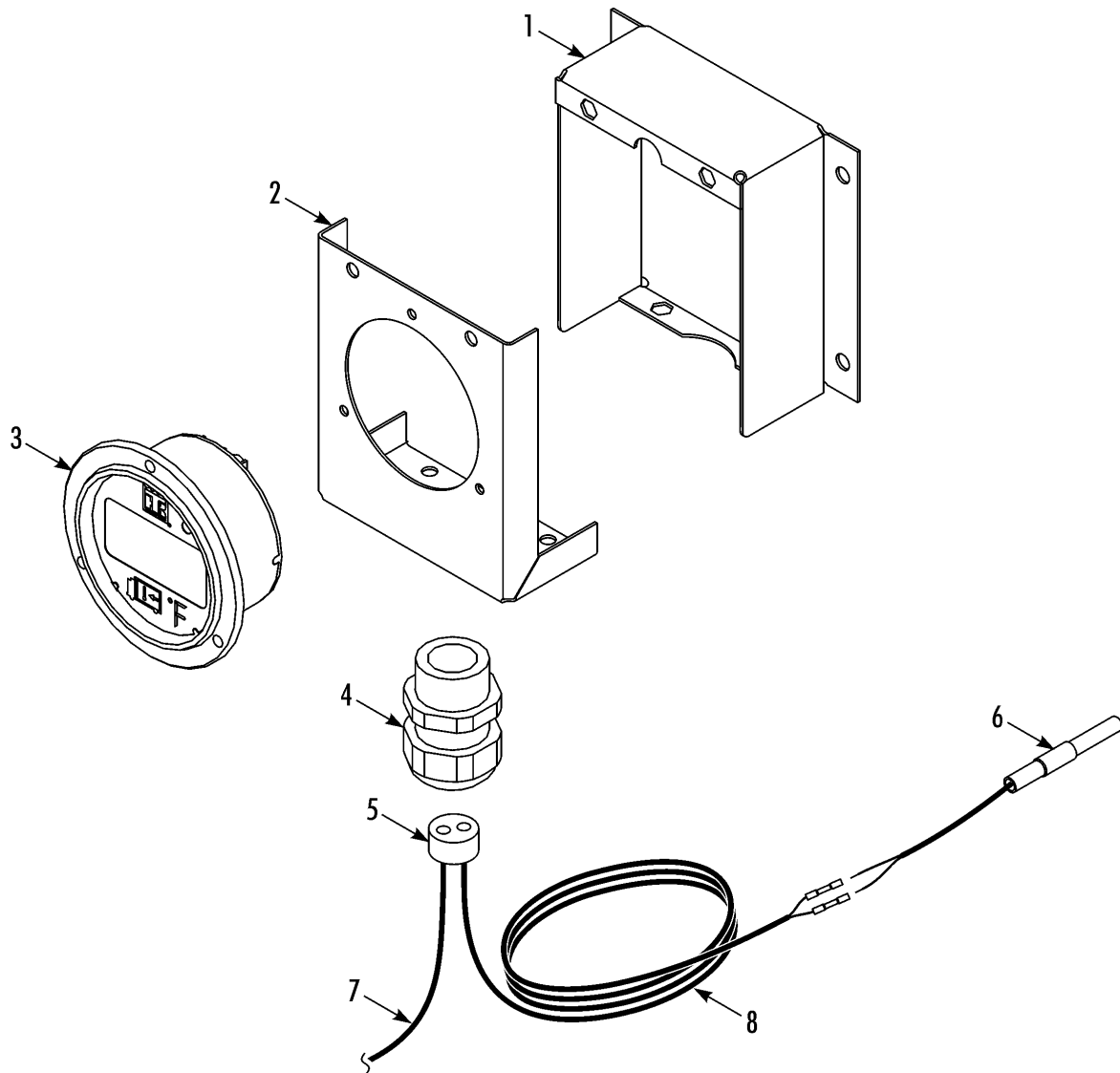
Revised
01/16/15

**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

238D5**EZ READ THERMOMETER**Revised
07/31/15

Revised
07/31/15

EZ READ THERMOMETER



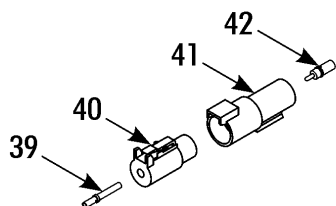
238D5

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

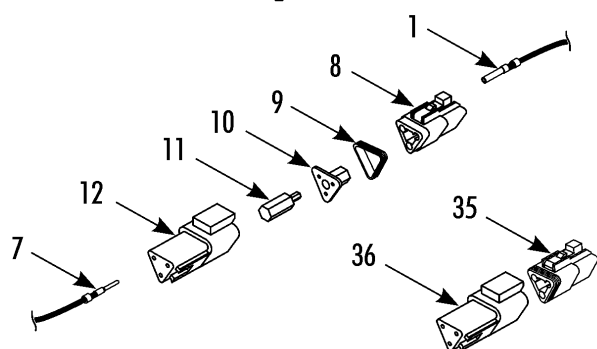
112D9



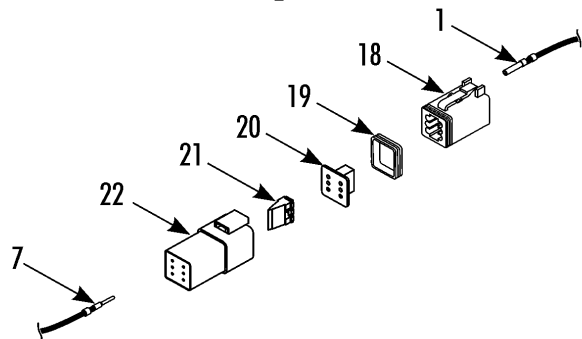
DEUTSCH IN-LINE CONNECTORS

Revised
05/31/15

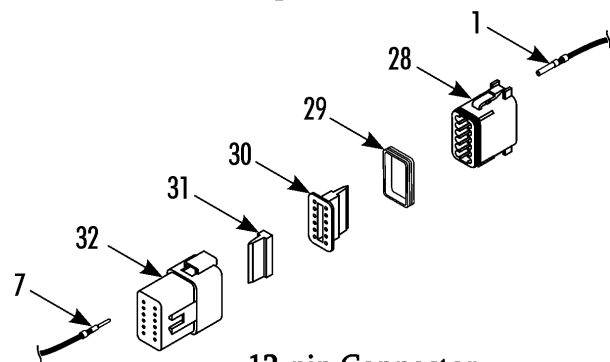
1-pin Connector



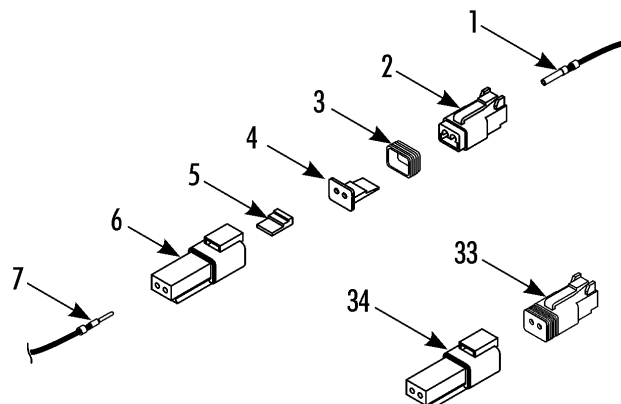
3-pin Connector



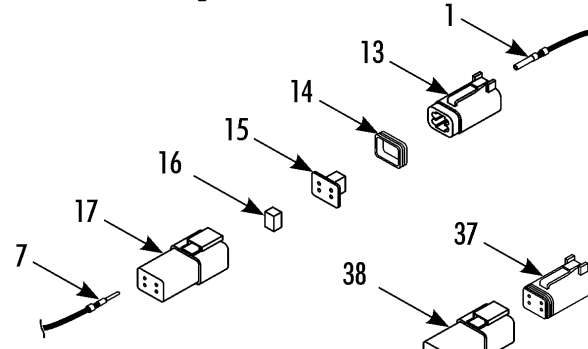
6-pin Connector



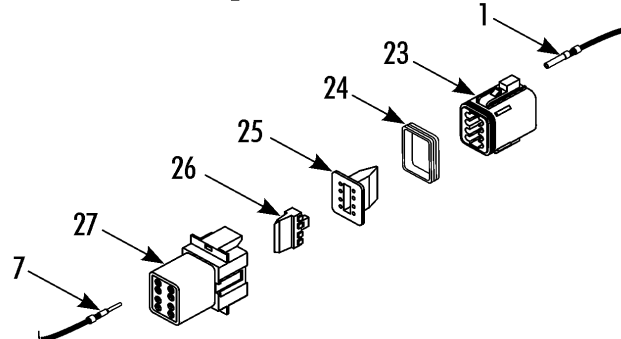
12-pin Connector



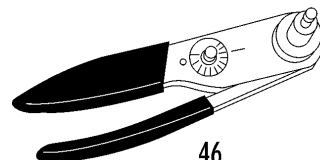
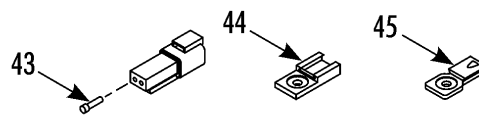
2-pin Connector



4-pin Connector



8-pin Connector



Revised
05/31/15

DEUTSCH IN-LINE CONNECTORS



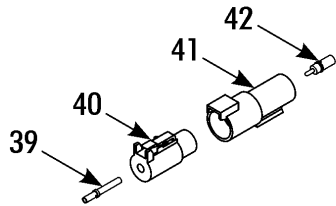
112D9

REF	PART NO.	DESCRIPTION	QTY
1	449700	TERMINAL - socket (w/ 6-in wire lead)	2
	449587	TERMINAL - socket (without wire)	2
2	449585	PLUG (2-pin, w/ seal)	1
3	332392	SEAL	1
4	449586	WEDGE	1
5	449590	WEDGE	1
6	449589	RECEPTACLE (2-pin)	1
7	449701	TERMINAL - pin (w/ 6-in wire lead)	2
	449591	PIN - terminal (w/o wire)	2
8	449631	CONNECTOR (3-pin, w/ seal)	1
9	332393	SEAL	1
10	449536	WEDGE	1
11	449545	WEDGE	1
12	449544	RECEPTACLE (3-pin)	1
13	448935	PLUG (4-pin, w/ seal)	1
14	332394	SEAL	1
15	448936	WEDGE	1
16	448918	WEDGE	1
17	448915	RECEPTACLE (4-pin)	1
18	448920	CONNECTOR (6-pin, w/ seal)	1
19	332395	SEAL	1
20	448921	WEDGE	1
21	448917	WEDGE	1
22	448914	CONNECTOR (6-pin)	1
23	449903	PLUG (8-pin, w/ seal)	1
24	332396	SEAL	1
25	449902	WEDGE	1
26	449901	WEDGE	1
27	449900	RECEPTACLE (8-pin)	1
28	449600	PLUG (12-pin, w/ seal)	1

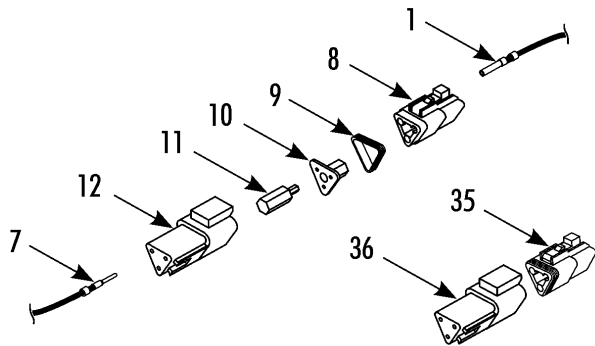
112D9



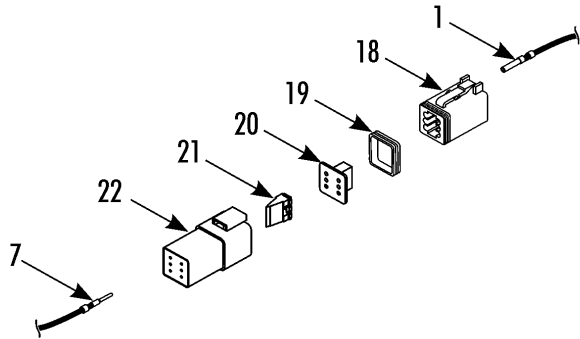
DEUTSCH IN-LINE CONNECTORS

Revised
05/31/15

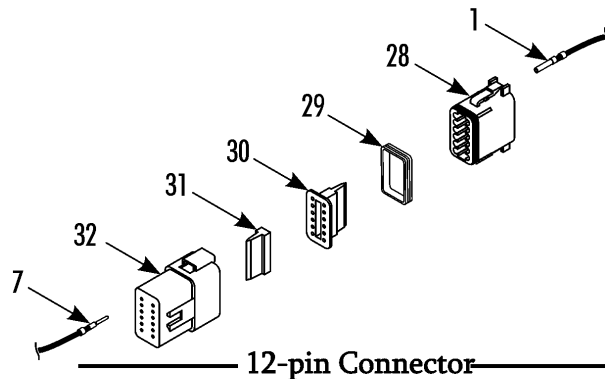
1-pin Connector



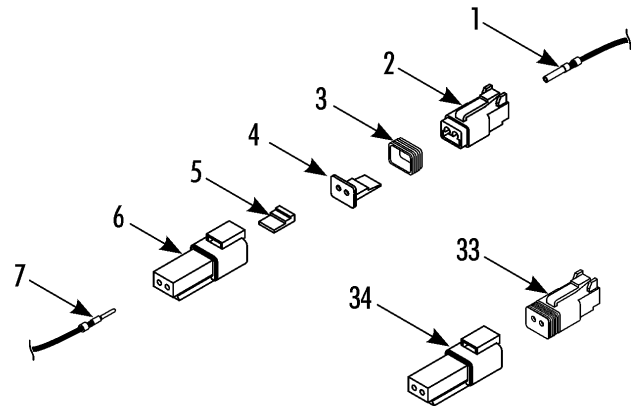
3-pin Connector



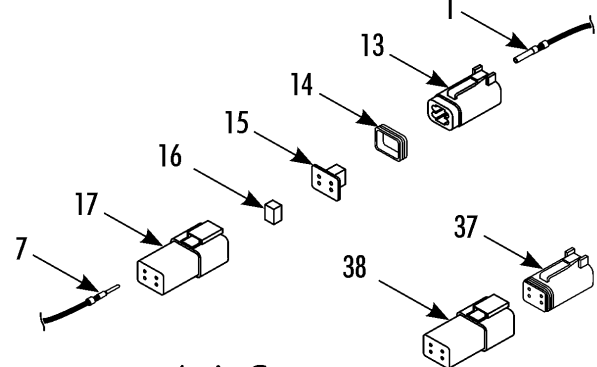
6-pin Connector



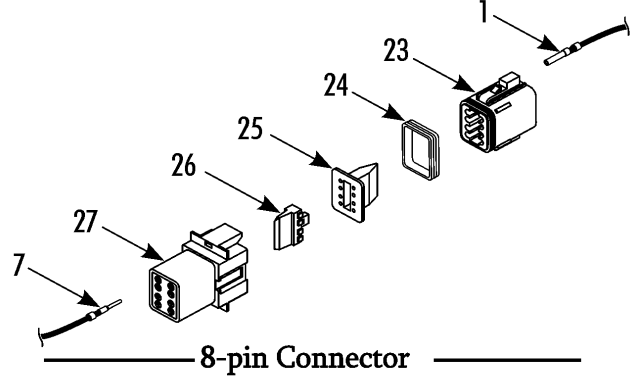
12-pin Connector



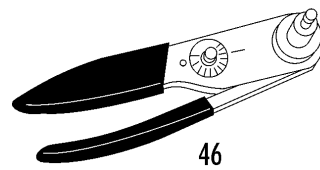
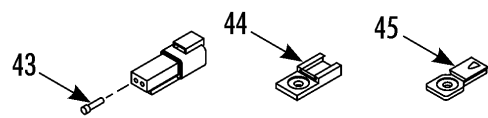
2-pin Connector



4-pin Connector



8-pin Connector



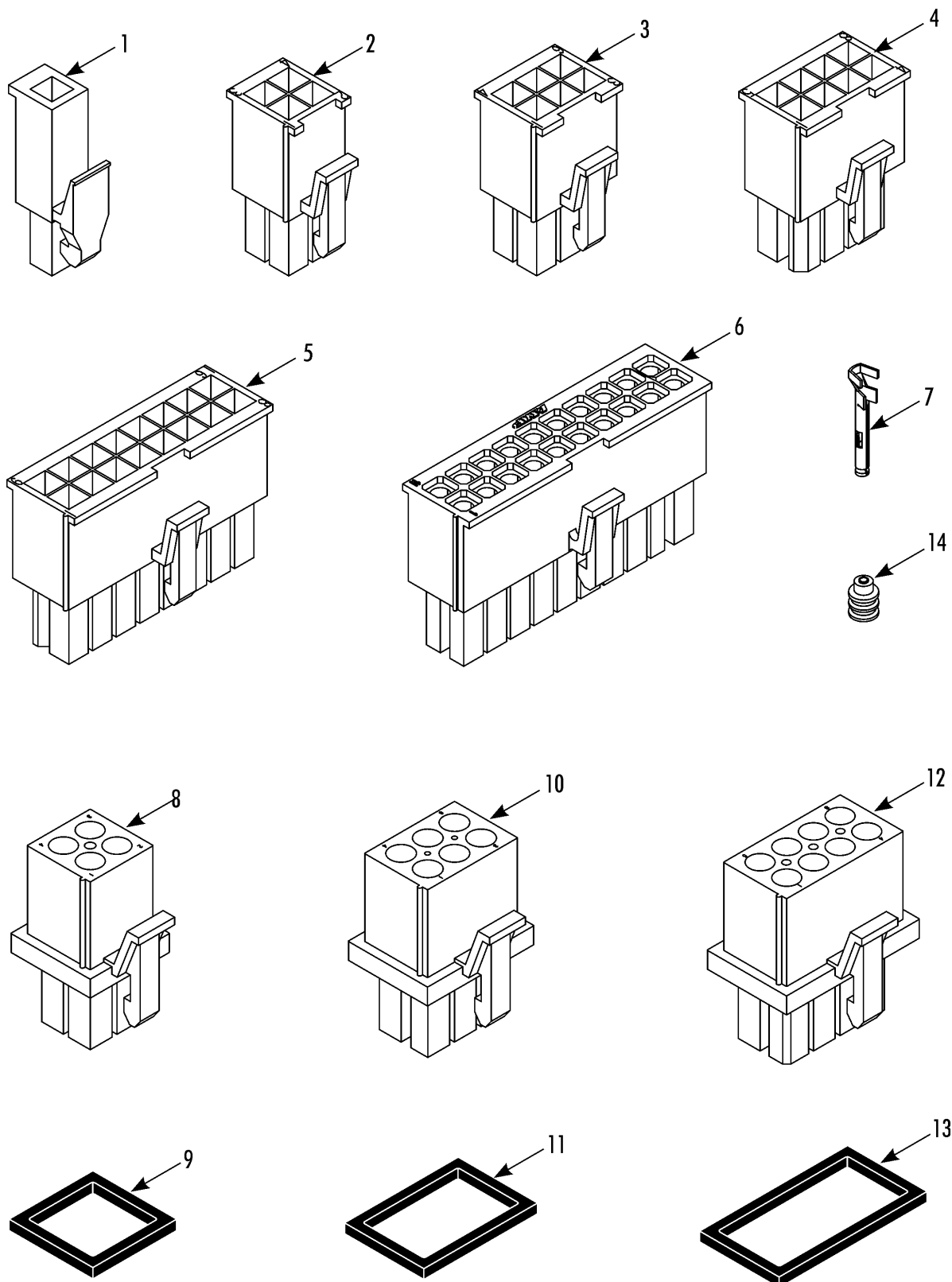
Revised
05/31/15

DEUTSCH IN-LINE CONNECTORS



112D9

REF	PART NO.	DESCRIPTION	QTY
29	332397	SEAL	1
30	449601	WEDGE	1
31	449905	WEDGE	1
32	449904	RECEPTACLE (12-pin)	1
33	412323	PLUG - assembly (w/ 6-in wires)	1
34	412322	RECEPTACLE - assembly (w/ 6-in wires)	1
35	412325	PLUG - assembly (w/ 6-in wires)	1
36	412324	RECEPTACLE - assembly (w/ 6-in wires)	1
37	412327	PLUG - assembly (w/ 6-in wires)	1
38	412326	RECEPTACLE - assembly (w/ 6-in wires)	1
39	414524	SOCKET (8-10 ga)	1
40	413073	PLUG (1 terminal)	1
41	413069	RECEPTACLE (1 terminal)	1
42	446850	PIN (8-10 ga)	1
43	449602	PIN - sealing	A/R
44	449906	TAB - mounting (for all connectors except the 8-pin connector)	A/R
45	449907	TAB - mounting (for 8-pin connector only)	A/R
46	2040703	KIT - crimper (w/ terminals)	1
	2041038	* TOOL - crimper	1
	2040799	* TOOL - wedge remover	1

193G5**AMP MATE-N-LOCK CONNECTORS**Revised
10/22/12

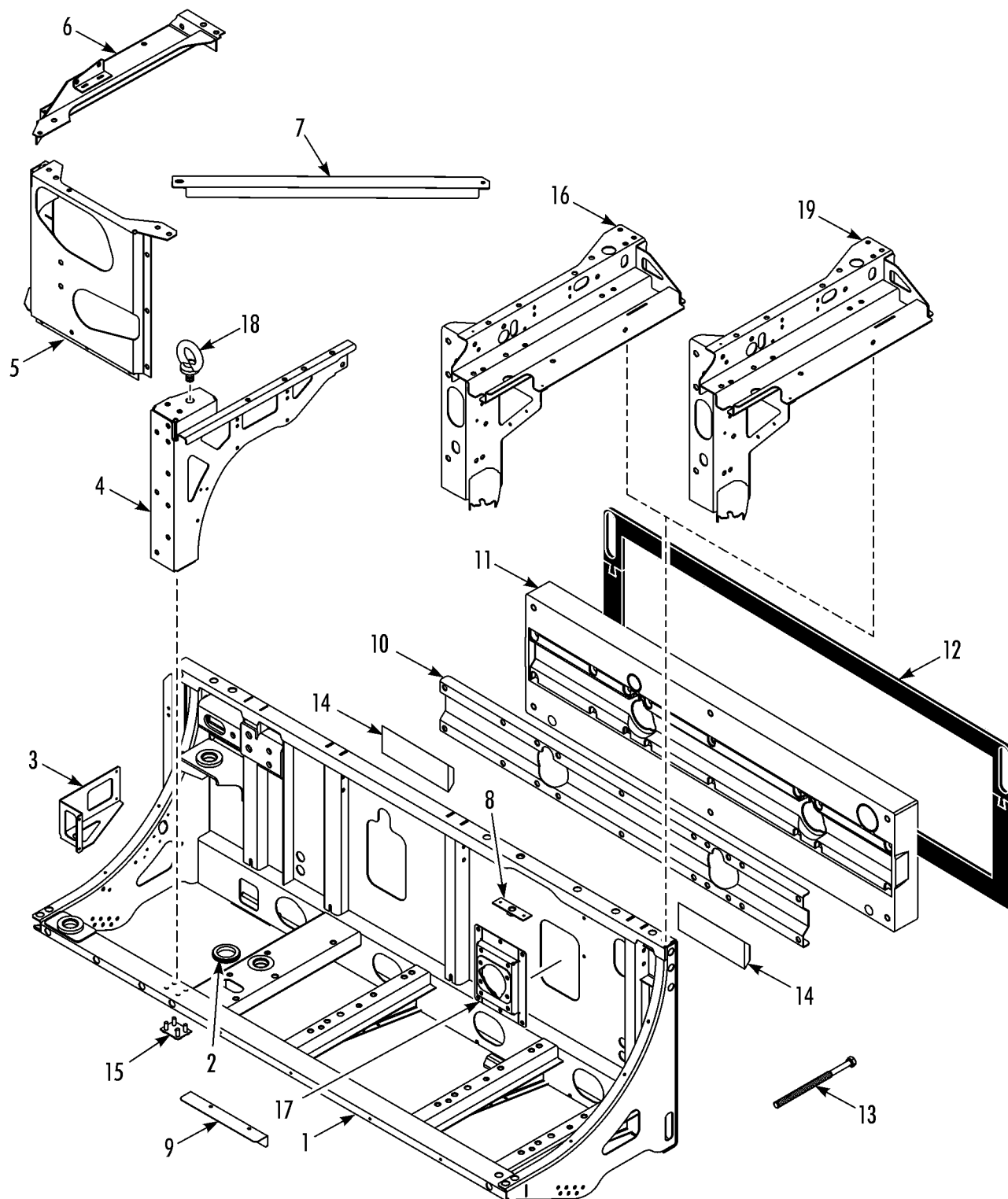
Revised
10/22/12

AMP MATE-N-LOCK CONNECTORS



193G5

REF	PART NO.	DESCRIPTION	QTY
1	416257	CONNECTOR (1-pin)	1
2	414735	CONNECTOR (4-pin)	1
3	416258	CONNECTOR (6-pin)	1
4	414734TKA	CONNECTOR (8-pin)	1
5	414751	CONNECTOR (16-pin)	1
6	419379	CONNECTOR (20-pin)	1
7	415719	SOCKET (20-16 gauge)	A/R
	415718	SOCKET (22-18 gauge)	A/R
8	415710	CONNECTOR - sealed (4-pin)	1
9	333909	GASKET - 4-pin plug	1
10	415745	CONNECTOR - sealed (6-pin)	1
11	334015	GASKET - 6-pin plug	1
12	415709	CONNECTOR - sealed (8-pin)	1
13	333908	GASKET - 8-pin plug	1
14	416256	SEAL - wire	A/R
	2040737	TOOL - pin removal	1
	2041120	TOOL - pin removal	1

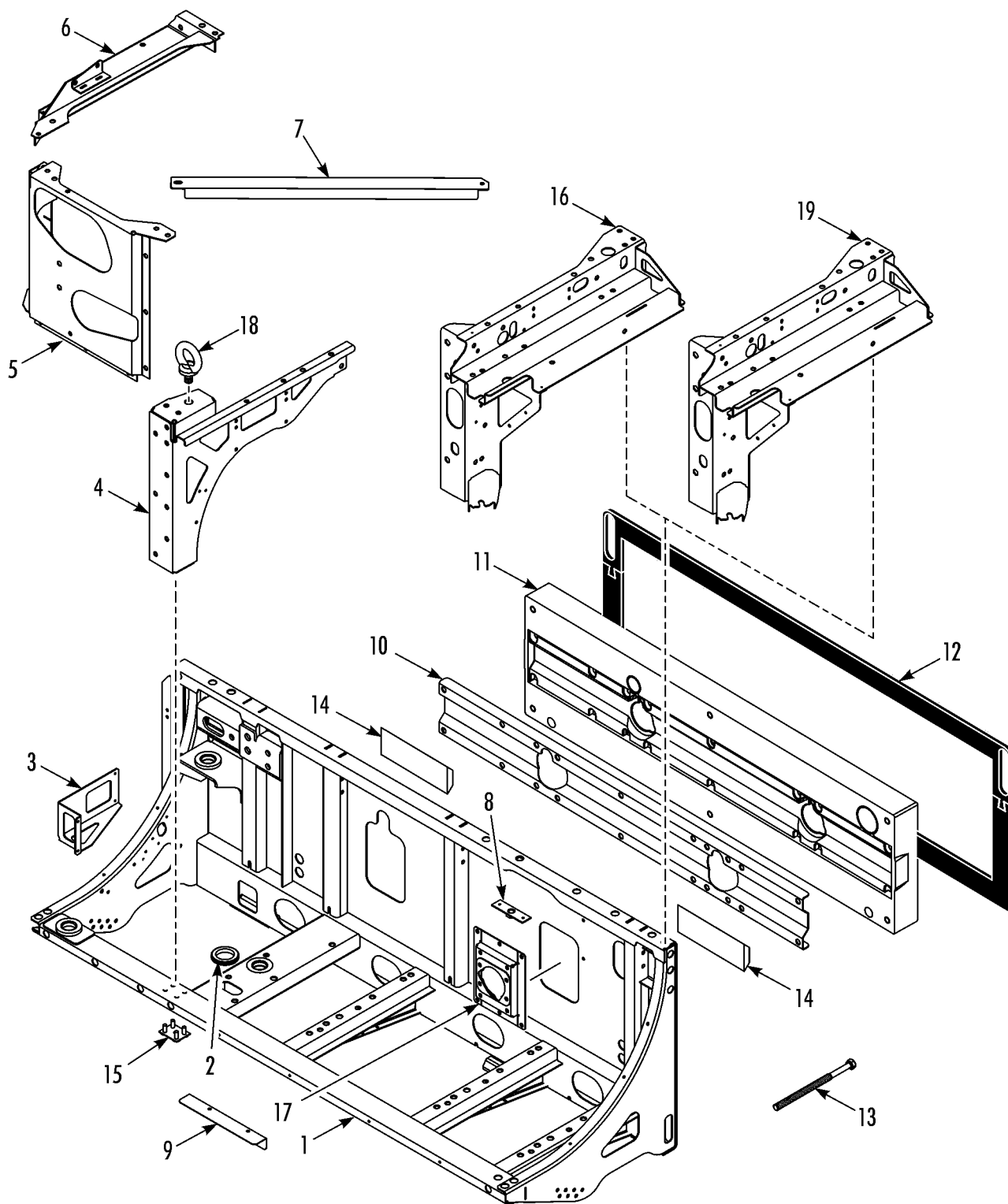
233H7**CONDENSER FRAME GROUP**Revised
09/21/16

Revised
09/21/16

CONDENSER FRAME GROUP

**233H7**

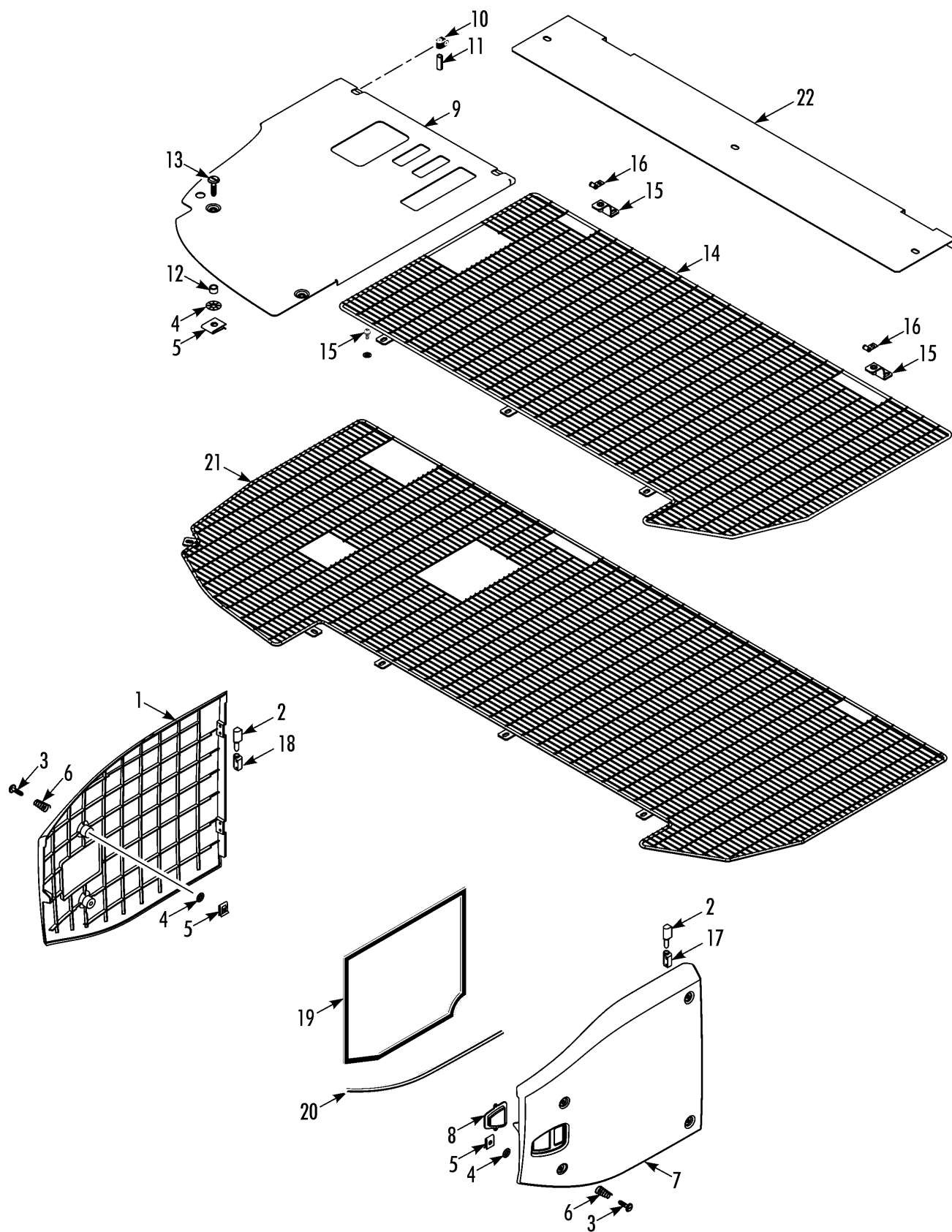
REF	PART NO.	DESCRIPTION	QTY
1	988290	FRAME - condenser	1
	559084	INSERT (M6)	25
	511880TKA	INSERT (M8)	20
2	331371	GROMMET (1.7 id)	2
3	927522TKA	MEMBER - bottom	1
4	927523TKA	ARCH - support	1
	556764	SCREW - arch	2
5	929928	BRACKET - front	1
6	927525	BRACKET - fuel filter	1
7	927526	BRACE - condenser 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
09/21/16

Revised
09/21/16

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

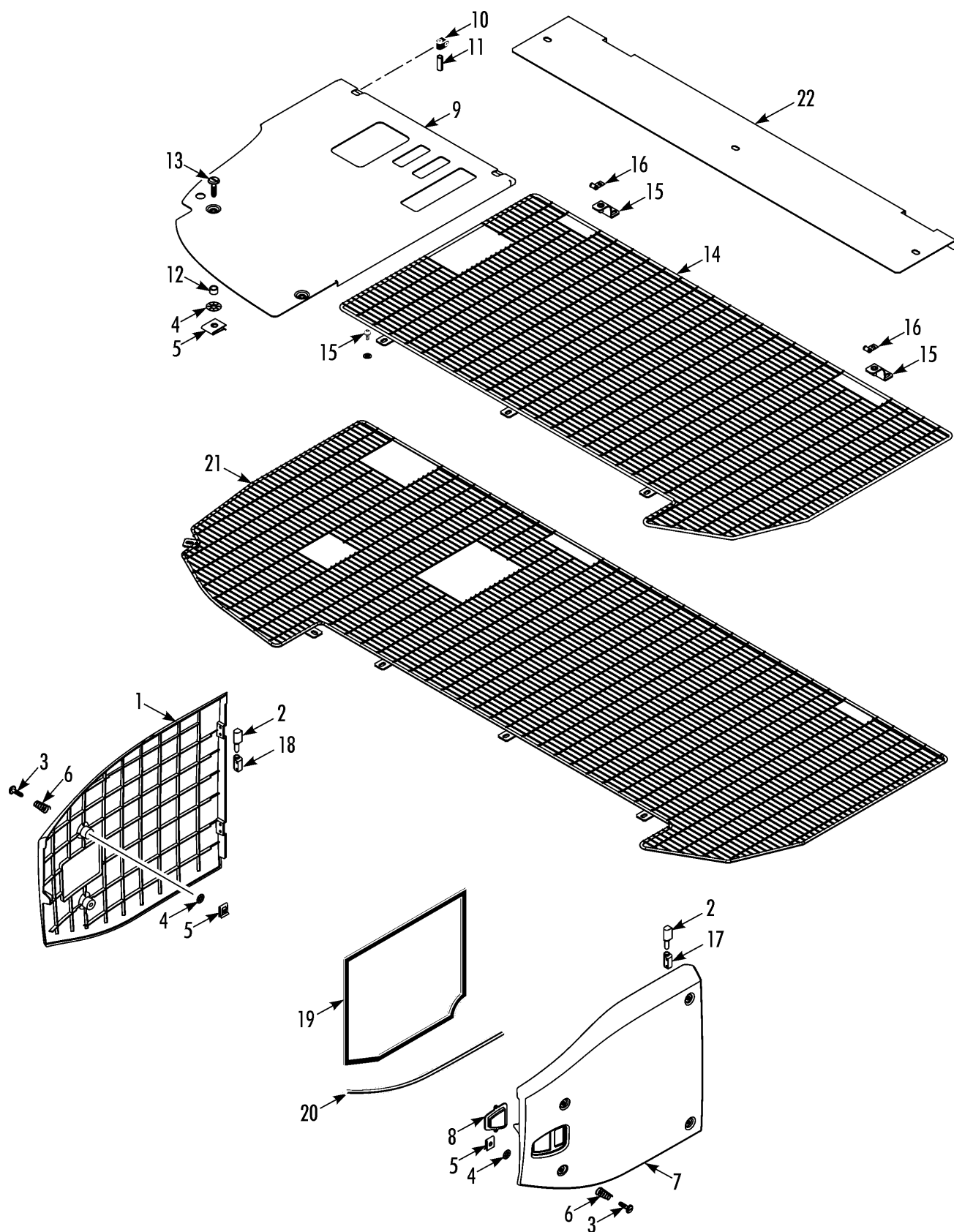
235A9**DOORS & COVERS**Revised
09/26/16

Revised
09/26/16

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	8
5	554318	NUT - u	8
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	511926	SCREW - cover	2
	558536	FLATWASHER	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
	558782	WASHER - special	3

235A9**DOORS & COVERS**Revised
09/26/16

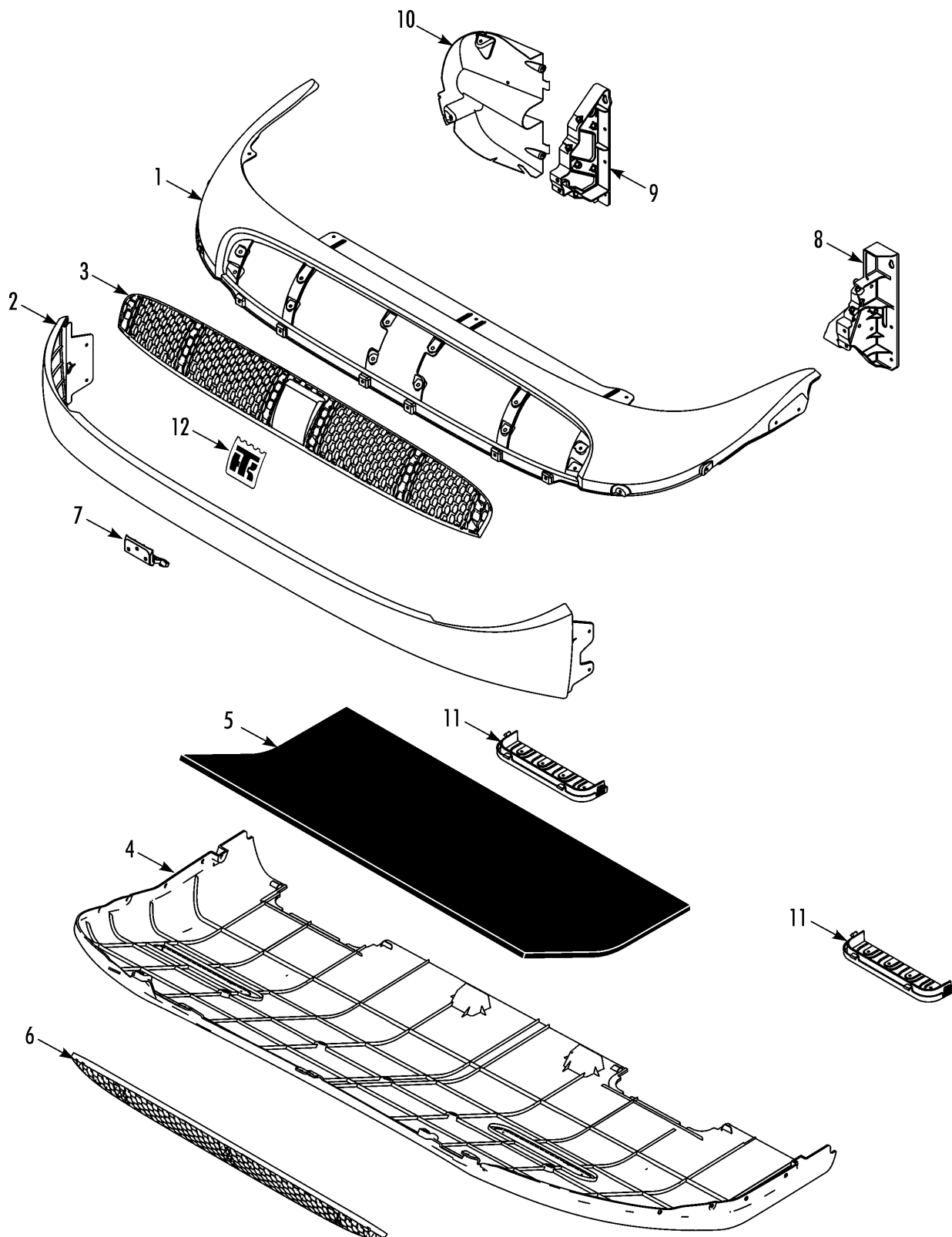
Revised
09/26/16

DOORS & COVERS



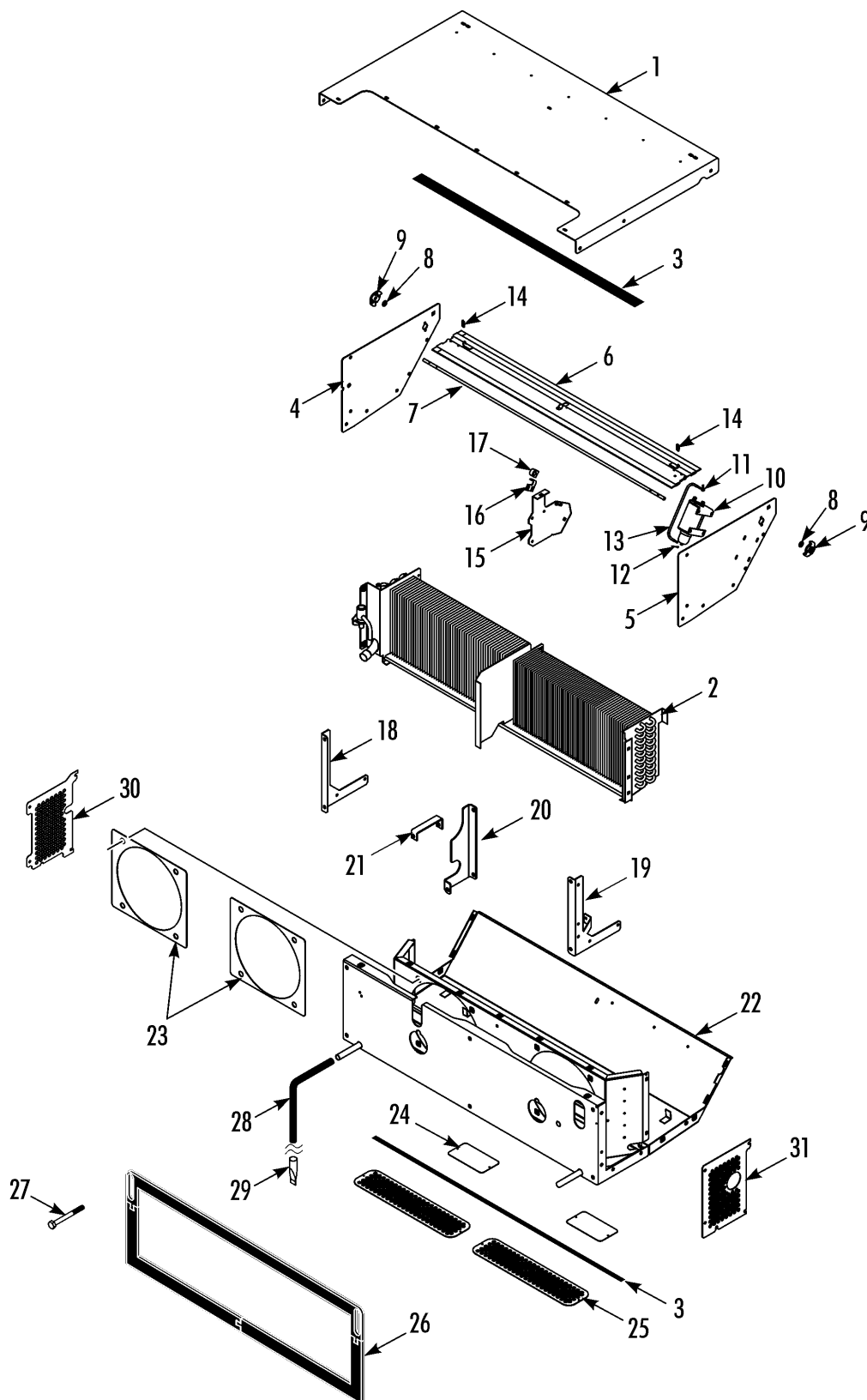
235A9

REF	PART NO.	DESCRIPTION	QTY
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, before 10/16)	1
	989654	SCREEN - top (full cover, 10/16 & after)	1
22	929119	COVER - snow (optional)	1
	554666	SCREW - cover	3
	559428	WASHER - special	6
	557007	NUT	3

235A8**CONDENSER COVERS & GRILLES T-580R/
600/600R/800/800R**Revised
05/28/15

Revised
05/28/15**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

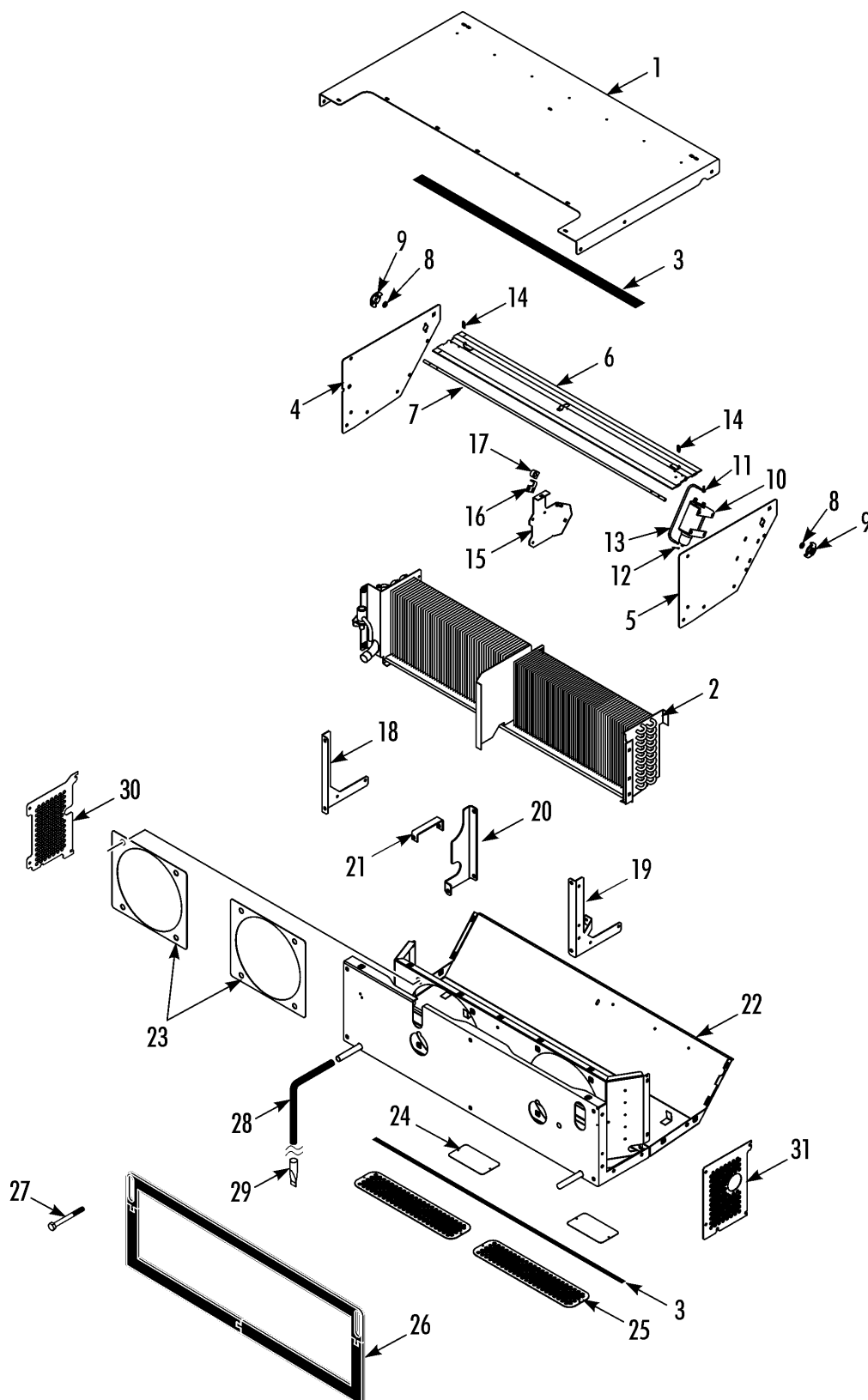
235A3**EVAPORATOR COMPARTMENT**Revised
06/13/16

Revised
06/13/16

EVAPORATOR COMPARTMENT

**235A3**

REF	PART NO.	DESCRIPTION	QTY
1	931885	HOUSING - evaporator	1
	559761	SCREW - housing (M6 X 25)	3
	510718	SCREW - housing (M6 X 16)	8
	556997	NUT - captive	8
2	672422	COIL - evaporator (see 235H3)	1
	510718	SCREW - coil	4
	2030534	SEALER - tape	A/R
4	927539	COVER - curb side	1
5	927540	COVER - road side	1
	510718	SCREW - cover (M6 X 16)	20
6	911843	BLADE - damper (metal, plastic blade see 242G5)	1
7	929436	ROD - blade	1
	559002	SCREW - rod to blade	3
	557089	FLATWASHER	6
	557034	NUT	3
8	556534	WASHER - damper blade	2
9	913905	BEARING - damper	2
	557407	SCREW - bearing	4
	557089	FLATWASHER	4
	557034	NUT	4
10	442823	SOLENOID - damper	1
	510718	SCREW - solenoid	4
	927541	NUTSTRIP - solenoid	2
11	552112	SCREW - solenoid rod	1
	552001	FLATWASHER	2
	554560	NUT	1
12	552550	PIN - cotter	2
	552001	FLATWASHER	2
13	999953	ROD - damper solenoid	1
14	910861TKA	SPRING - damper blade	2

235A3**EVAPORATOR COMPARTMENT**Revised
06/13/16

Revised
06/13/16

EVAPORATOR COMPARTMENT



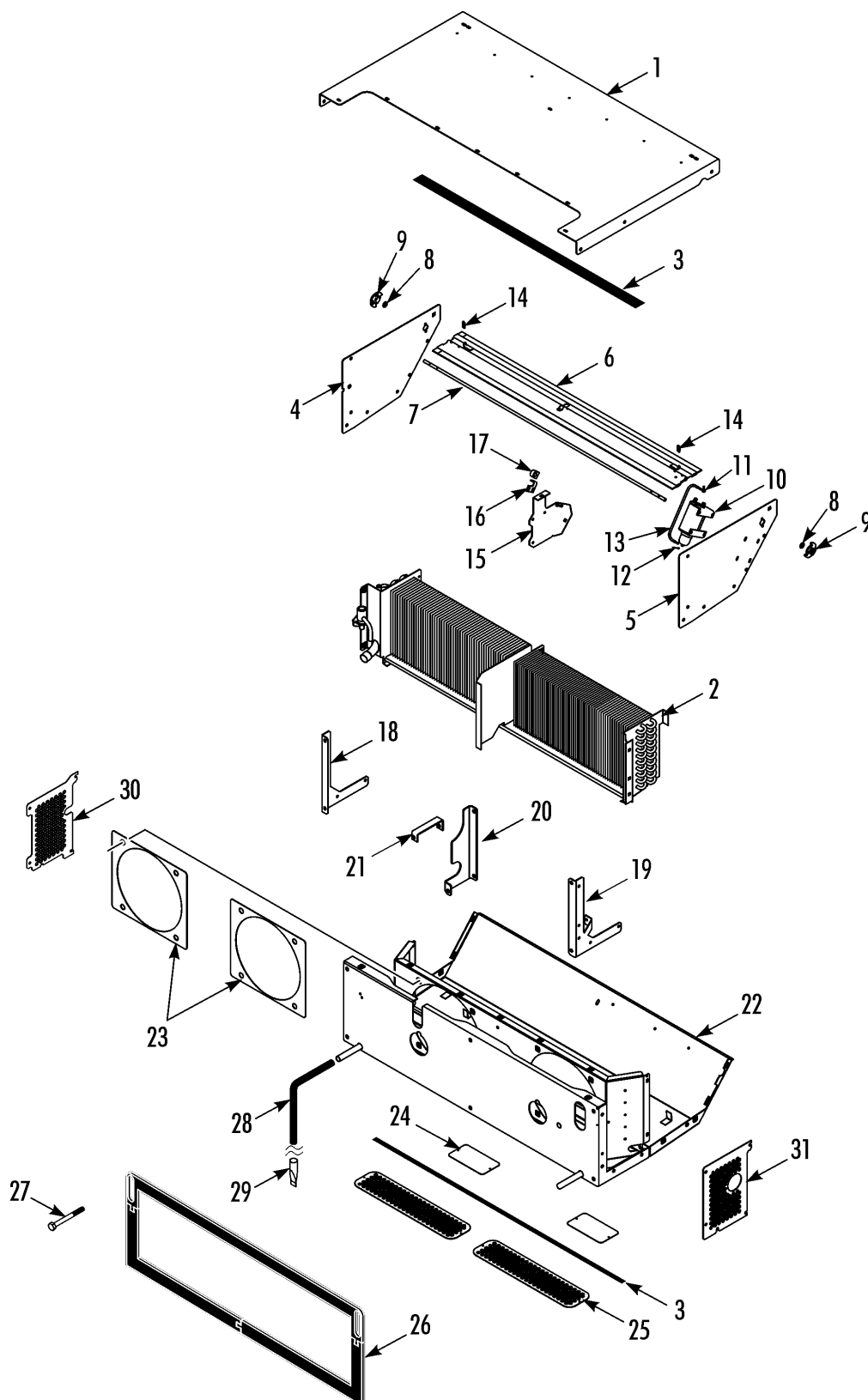
235A3

REF	PART NO.	DESCRIPTION	QTY
15	917812	BRACKET - housing support	1
16	928016	ANGLE - damper blade clamp	1
	557172	SCREW - angle	2
	557075	FLATWASHER	4
	557042	NUT	2
17	559976	CLAMP - damper blade	1
	558316	SCREW - clamp	1
	557075	FLATWASHER	2
	557042	NUT	1
18	927537	BRACKET - drain pan (roadside)	1
19	927536	BRACKET - drain pan (curbside)	1
	510718	SCREW - bracket (4 each bracket)	8
20	927538	BRACKET - evaporator (vertical)	1
21	928001	BRACKET - evaporator (horizontal)	1
	557372	SCREW - bracket	2
	557075	FLATWASHER	2
	557170	LOCKWASHER	2
22	988207	BASE - evaporator drain pan	1
23	988209	ORIFICE - evaporator fan	2
	556994	SCREW - orifice	8
	553045	WASHER - dome	8
	556997	NUT - captive	8
24	927543	COVER - evaporator (bottom)	2
25	927650	SCREEN - evaporator	2
	555635	SCREW - cover & screen	4
26	300290TKA	KIT - sill gasket	1
27	557375	SCREW - evaporator to frame (100 mm lg)	1
	510111TKA	SCREW - evaporator to frame (140 mm lg)	5
	558536	FLATWASHER	6
	557348	NUT	6

235A3



EVAPORATOR COMPARTMENT

Revised
06/13/16

Revised
06/13/16

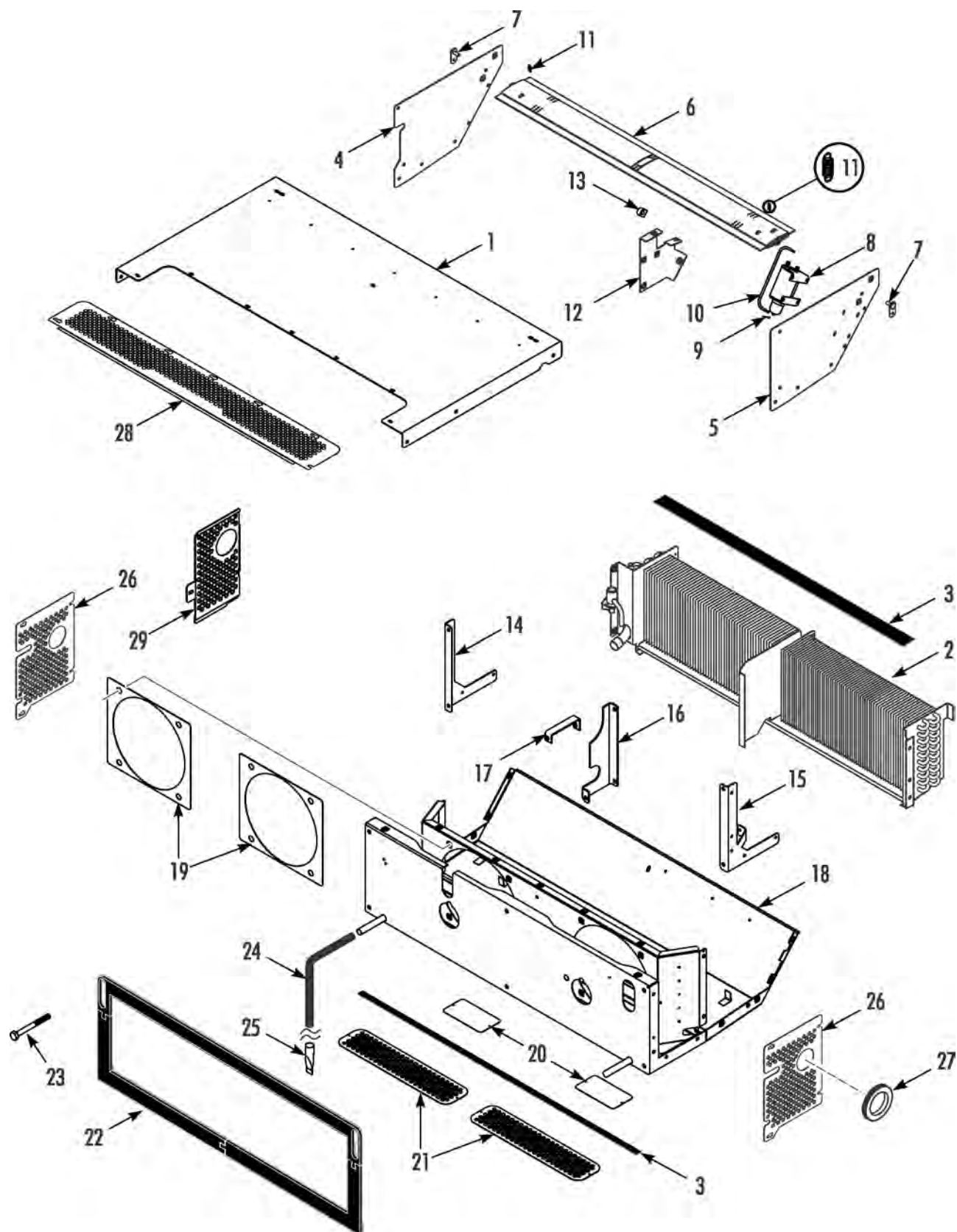
EVAPORATOR COMPARTMENT**235A3**

REF	PART NO.	DESCRIPTION	QTY
28	912434	HOSE - evaporator drain	2
29	661273	VALVE - check	2
30	927553	SCREEN - curbside	1
31	927554	SCREEN - roadside	1

242G5



EVAPORATOR COMPARTMENT (1/10 & after)

Revised
06/26/17

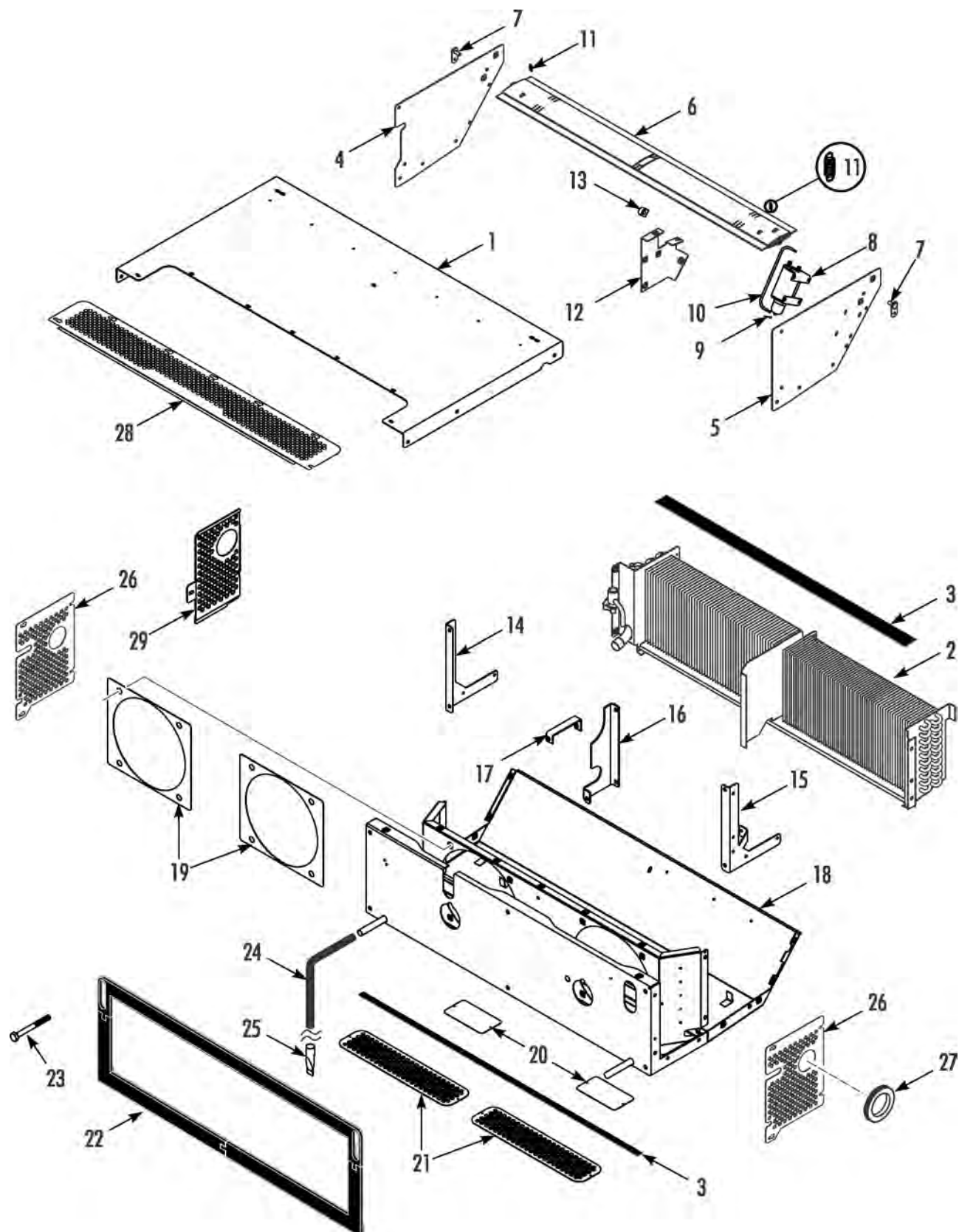
Revised
06/26/17**EVAPORATOR COMPARTMENT (1/10 &
after)****242G5**

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
06/26/17

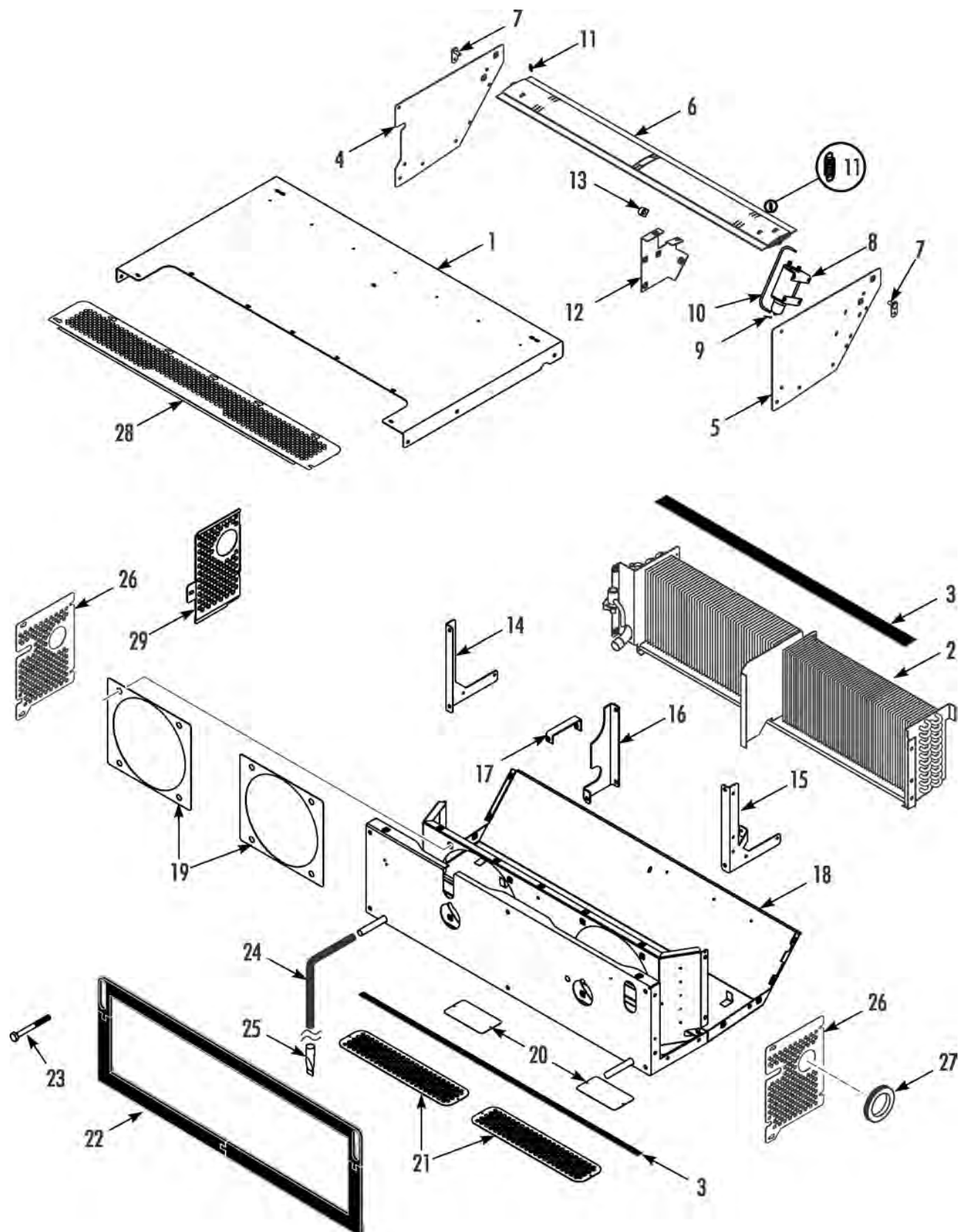
Revised
06/26/17**EVAPORATOR COMPARTMENT (1/10 &
after)****242G5**

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	986722	HOSE - evaporator drain	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
06/26/17

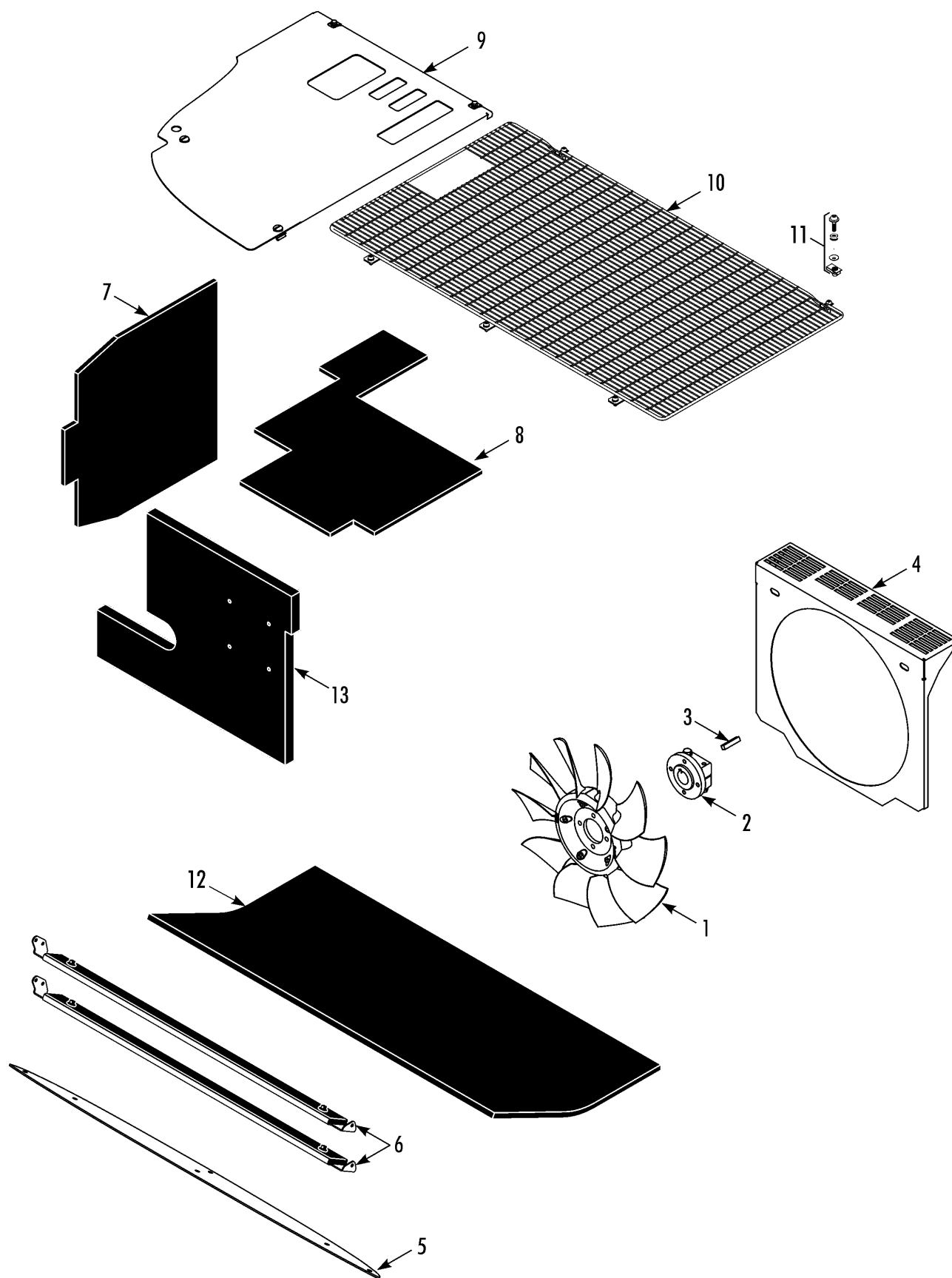
Revised
06/26/17

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



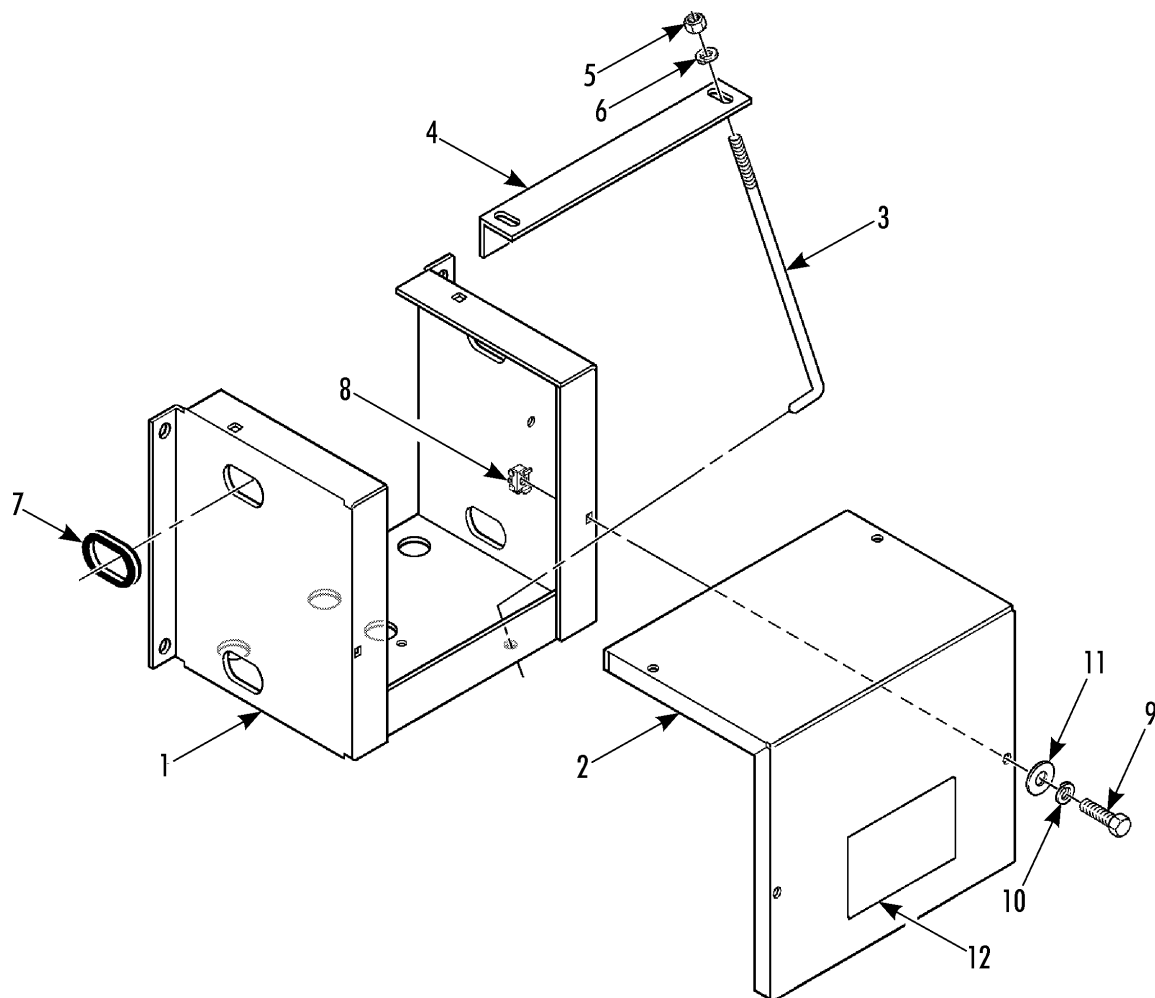
242G5

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
09/26/16

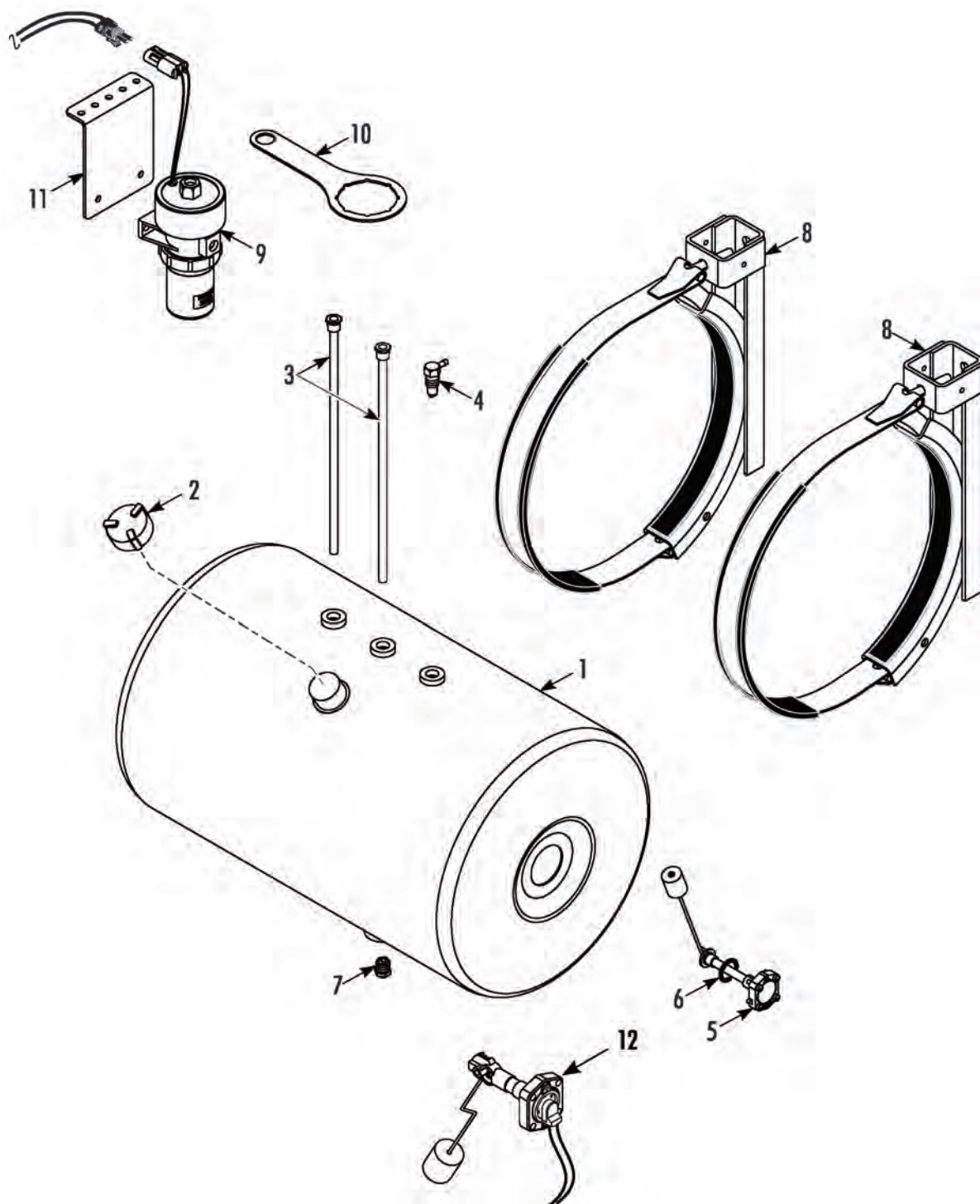
Revised
09/26/16**LOW SOUND Ldb KIT (T-600 & T-800)****240B2**

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
12/23/16

Revised
12/23/16**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
06/26/17

Revised
06/26/17

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

236B5



NAMEPLATES (TSA)

Revised
05/05/16

1

T-600

4

T-800

5

T-1000

6

**RT-800R**

26



16



19



20



21



22



23

THERMO KING

2

T-500R

15

T-570R

7

T-600R

8

T-800R

9

T-1000R

10

T-1200R

11



3

T-600M

12

T-800M

13

T-1000M

14



17

whisper

18



25



24



27



28



30

R 452A

31

**R-452A**
REFRIGERANT

32

**R-452A**
REFRIGERANT

33

29

Revised
05/05/16

NAMEPLATES (TSA)



236B5

REF	PART NO.	DESCRIPTION	QTY
1	928668TKA	NAMEPLATE - TK Logo	1
2	927654	NAMEPLATE - Thermo King	1
3	927367TKA	NAMEPLATE - IR Logo	1
4	927664	NAMEPLATE - T-600	1
5	927665	NAMEPLATE - T-800	1
6	927652	NAMEPLATE - T-1000	1
7	929247	NAMEPLATE - T-570R	1
8	928129	NAMEPLATE - T-600R	1
9	928130TKA	NAMEPLATE - T-800R	1
10	928145	NAMEPLATE - T-1000R	1
	929113	NAMEPLATE - T-1000R	1
11	927791	NAMEPLATE - T-1200R	1
12	929376	NAMEPLATE - T-600M	1
13	929245	NAMEPLATE - T-800M	1
14	929246	NAMEPLATE - T-1000M	1
15	929699	NAMEPLATE - T-500R	1
16	926772	NAMEPLATE - Green Tech	1
17	929112	NAMEPLATE - SPECTRUM	1
18	928726	NAMEPLATE - WHISPER (black)	1
	929616	NAMEPLATE - WHISPER (white)	1
19	928307	NAMEPLATE - Refrigerant R404A	1
20	920326TKA	NAMEPLATE - Compressor Oil	1
21	915882TKA	NAMEPLATE - R404A	1
22	999084	NAMEPLATE - Arrow	1
23	919596	NAMEPLATE - Warning, Scroll	1
24	927184TKA	NAMEPLATE - Relay Board (SR-2)	1
	928824	NAMEPLATE - Relay Board (SR-3)	1
25	921944	NAMEPLATE - Pressure Vessel (condenser)	1
	921946	NAMEPLATE - Pressure Vessel (evaporator)	1
	921947	NAMEPLATE - Pressure Vessel (accumulator)	1

236B5



NAMEPLATES (TSA)

Revised
05/05/16

1

T-600

4

T-800

5

T-1000

6

**RT-800R**

26



16



19



20



21



22



23

THERMO KING

2

T-500R

15

T-570R

7

T-600R

8

T-800R

9

T-1000R

10

T-1200R

11



3

T-600M

12

T-800M

13

T-1000M

14



17

whisper

18



25



24



27



28



30



31

**R-452A**
REFRIGERANT

32

**R-452A**
REFRIGERANT

33

Revised
05/05/16

NAMEPLATES (TSA)



236B5

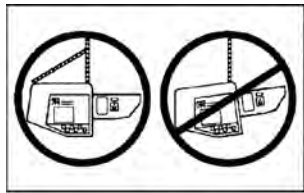
REF	PART NO.	DESCRIPTION	QTY
	917419	NAMEPLATE - Pressure Vessel (heat exchanger)	1
	921945	NAMEPLATE - Pressure Vessel (receiver)	1
26	929541	NAMEPLATE - RT-800R	2
27	932648	NAMEPLATE - EEC	1
28	932651	NAMEPLATE - EEC	1
29	903188	KIT- Nameplates R452A SLX/ SLXe	1
30	932223	* NAMEPLATE - Refrigerant, Compressor Oil Type	1
31	932363	* NAMEPLATE - Refrigerant R452A	1
32	933256	* NAMEPLATE - R452A (small, 10 cm long)	1
33	933255	* NAMEPLATE - R452A (large, 28 cm long)	1

143D11



NAMEPLATES

Revised
05/05/16



1



2



3



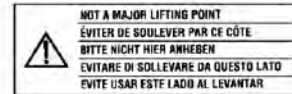
4



5

**BYPASS OIL
FILTER**

12



8



6



7

FUEL FILTER

16

ENGINE HOURS

15



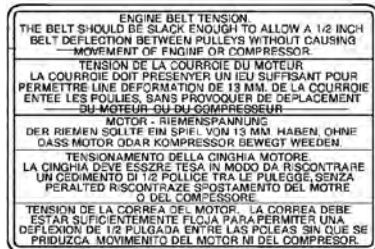
9

RUN HOURS

11

ELECTRIC HOURS

13



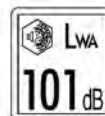
10

(+)
POS.
(+)

19

(-)
NEG.
(-)

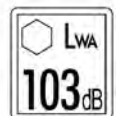
20



21



22



23



17



18



24



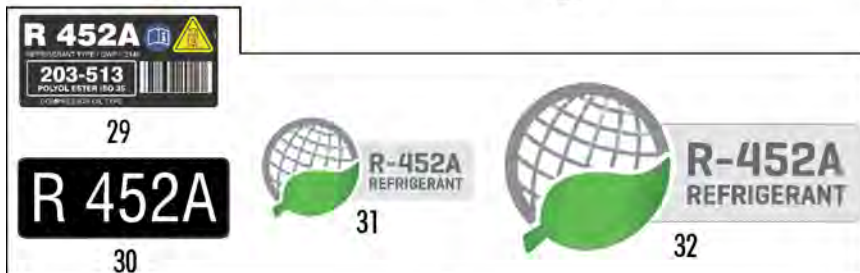
25



26



27



29

R 452A

30



31



32

28

Revised
05/05/16

NAMEPLATES



143D11

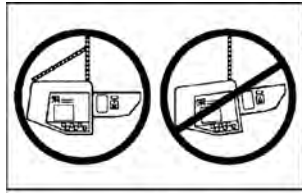
REF	PART NO.	DESCRIPTION	QTY
1	930644	NAMEPLATE - Caution Lifting, consolidated warning set	1
2	997834	NAMEPLATE - Caution	1
3	930644	NAMEPLATE - Caution	1
4	930644	NAMEPLATE - Caution Fan, consolidated warning set	1
5	931669	NAMEPLATE - Warning	1
6	914816	NAMEPLATE - Caution, High Voltage	1
7	918799	NAMEPLATE - Caution, Cycle Sentry	1
8	930644	NAMEPLATE - Warning, Not A Major Lifting Point, consolidated warning set	1
9	994806	NAMEPLATE - Warranty (TSA)	1
	917989	NAMEPLATE - Warranty (EMEIA)	1
10	999954	NAMEPLATE - Belt Tension	1
11	914811TKA	NAMEPLATE - Run hours	1
12	999526	NAMEPLATE - Bypass Oil Filter	1
13	914810TKA	NAMEPLATE - Electric hours	1
14	998509	NAMEPLATE - Maintenance	1
	920176TKA	NAMEPLATE - Maintenance (Japan)	1
15	914809	NAMEPLATE - Engine hours	1
16	931669	NAMEPLATE - Fuel Filter, consolidated warning set	1
17	931669	NAMEPLATE - Battery Terminal	1
18	919973TKA	NAMEPLATE - Battery Terminal	1
19	994660	NAMEPLATE - Positive	1
20	994661	NAMEPLATE - Negative	1
21	924311	NAMEPLATE - Sound Power (101 Ldb)	1
22	922923	NAMEPLATE - Sound Power (99 Ldb)	1
23	925374	NAMEPLATE - Sound Power (103 Ldb)	1
24	918860TKA	NAMEPLATE - Clean Fuel Pump	1
25	925947	NAMEPLATE - Tethers	1
26	932651	NAMEPLATE - EEC	1
27	932652	NAMEPLATE - EEC	1

143D11



NAMEPLATES

Revised
05/05/16



1



2



3



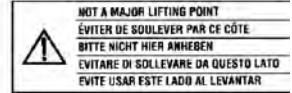
4



5

**BYPASS OIL
FILTER**

12



8



6



7

FUEL FILTER

16

ENGINE HOURS

15



9

RUN HOURS

11

ELECTRIC HOURS

13



10

(+)
POS.
(+)

19

(-)
NEG.
(-)

20



21



22



23



17



18



24



25



26



27



29

R 452A

30



31



32

28

Revised
05/05/16

NAMEPLATES



143D11

REF	PART NO.	DESCRIPTION	QTY
28	903188	KIT- Nameplates R452A SLX/ SLXe	1
29	932223	* NAMEPLATE - Refrigerant, Compressor Oil Type	1
30	932363	* NAMEPLATE - Refrigerant R452A	1
31	933256	* NAMEPLATE - R452A (small, 10 cm long)	1
32	933255	* NAMEPLATE - R452A (large, 28 cm long)	1

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