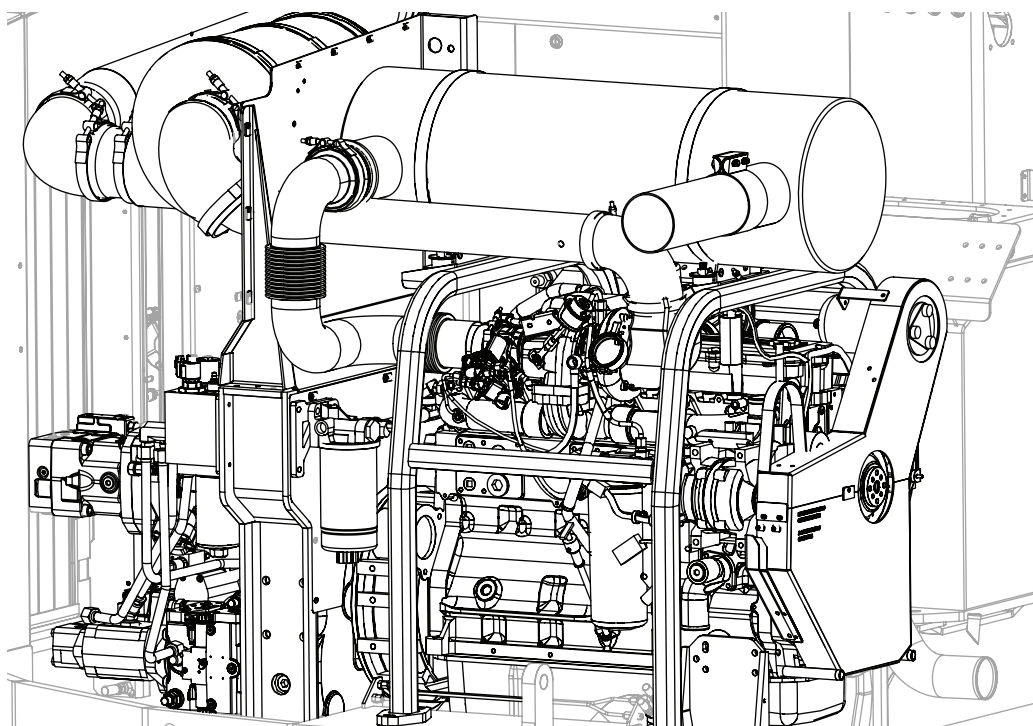


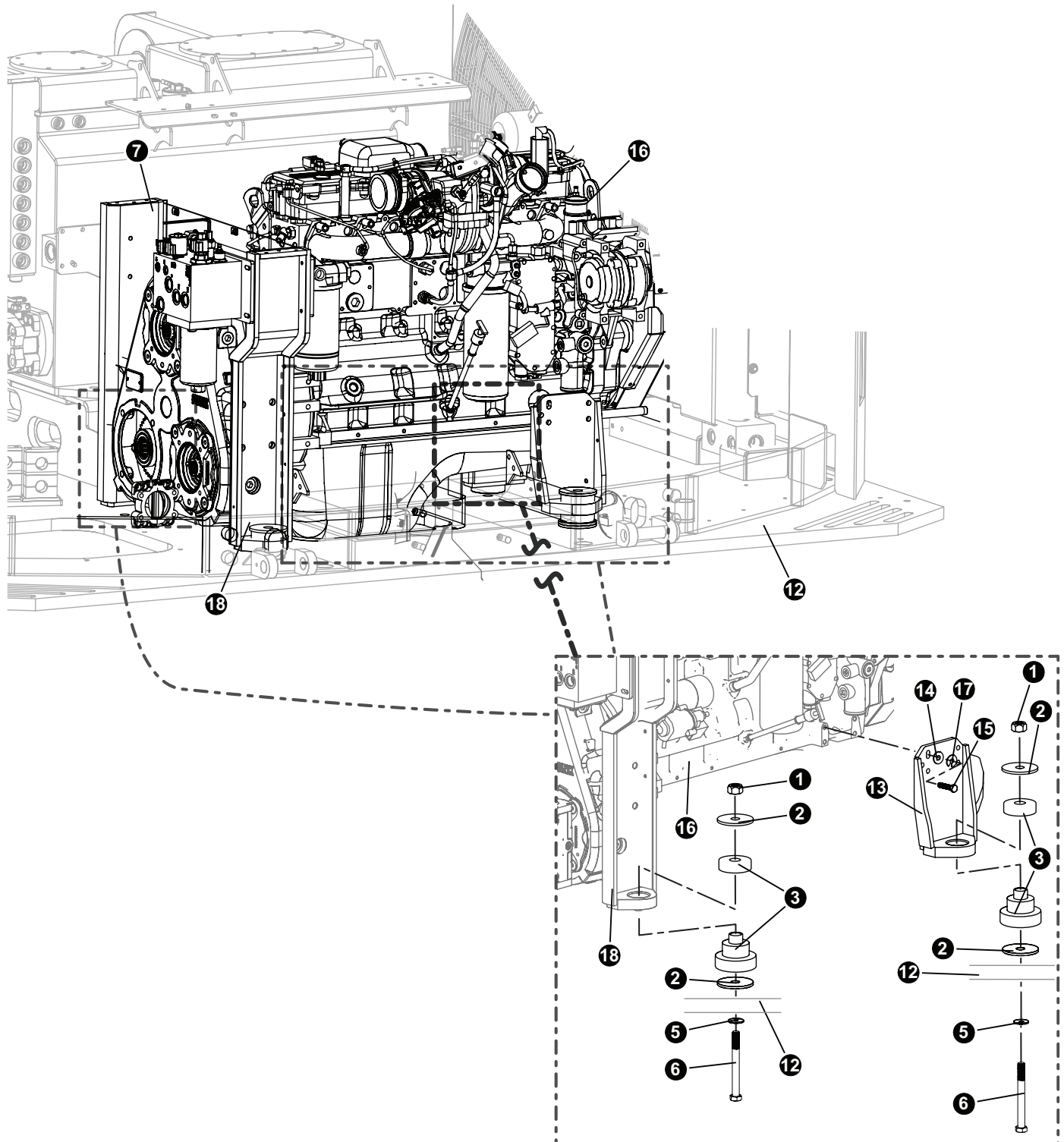
SECTION EEX-2

CUMMINS QSL9/TPEM EXPORT ENGINE (325 HP) PARTS AND INSTALLATION



ENGINE PARTS AND INSTALLATION

CUMMINS ENGINE INSTALLATION



NOTE: See next page for Item #7 and #18.

Rear mounts shown, forward mounts are same except Item #7.

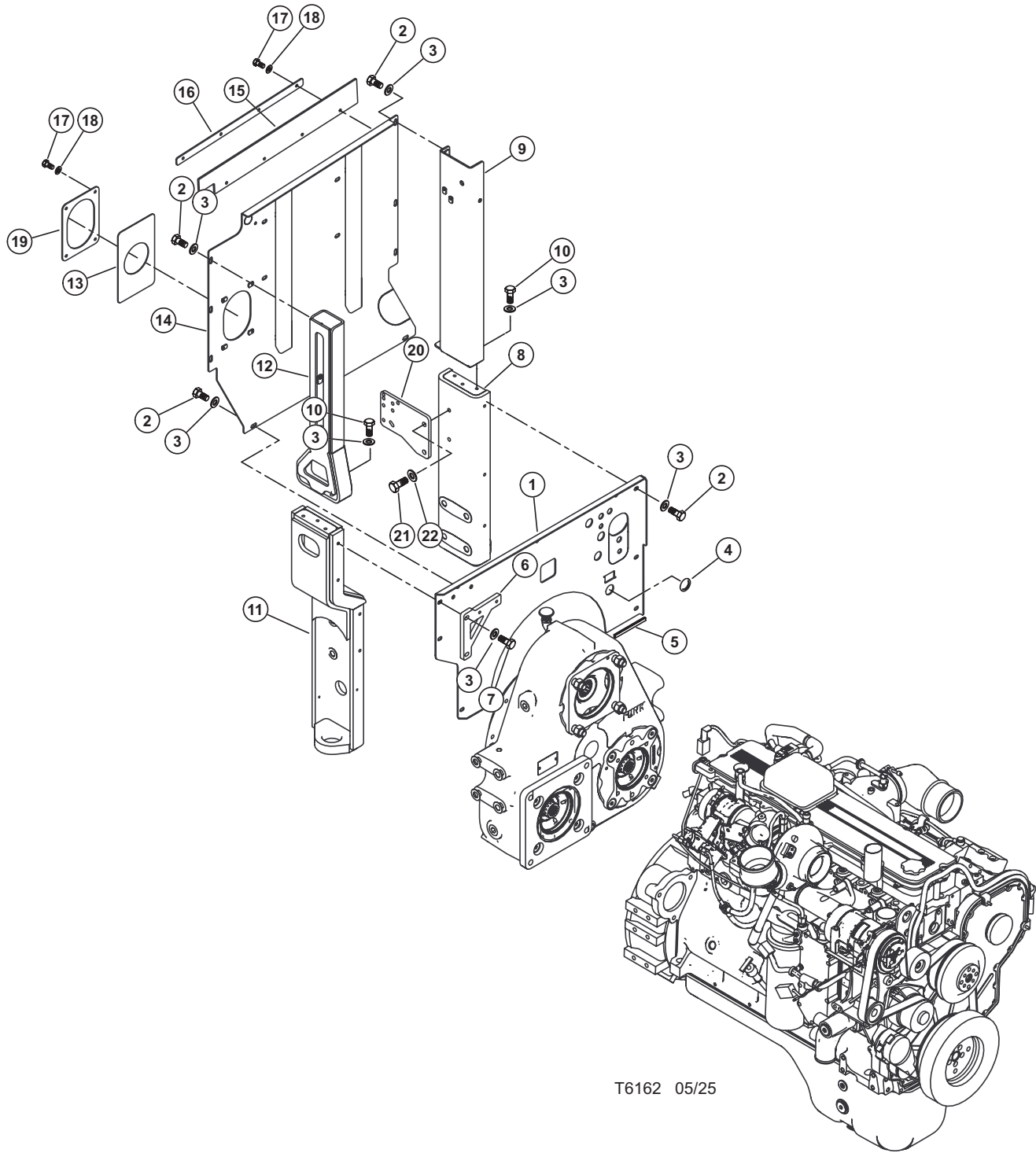
ENGINE PARTS AND INSTALLATION

CUMMINS ENGINE INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	50334	4	NUT, LOCK .875"	
2	60268	8	WASHER, ENGINE MOUNT D-MOD	
3	60270	4	ISOLATOR, ENGINE MOUNT - D SERIES	
5	10718	4	WASHER, SAE FLAT - .875"	
6	21540	4	BOLT - .875" X 6"	
7	(SEE PAGE)	1	MOUNT, ENGINE - REAR (D MODEL	
12	(SEE PAGE)	1	WELDMENT, TAILSWING D - UPPER BASE	UP-1-1
13	60269	2	MOUNT, ENGINE - FRONT (D MODEL)	
14	18735	8	WASHER, FLAT - 12MM	
15	15551	4	BOLT - 12mm-1.75P x 40mm	
16	57574-EXPORT	1	ENGINE, CUMMINS QSL9 - TPEM (325 HP)	
17	53760	2	1/2" LOCKWASHER KNURLED	
18	(SEE PAGE)	1	MOUNT, ENGINE - REAR (D MODEL)	EEX-1-3

ENGINE PARTS AND INSTALLATION

TRIPLE DRIVE BULKHEAD PANELS - STANDARD ALL PACKAGES



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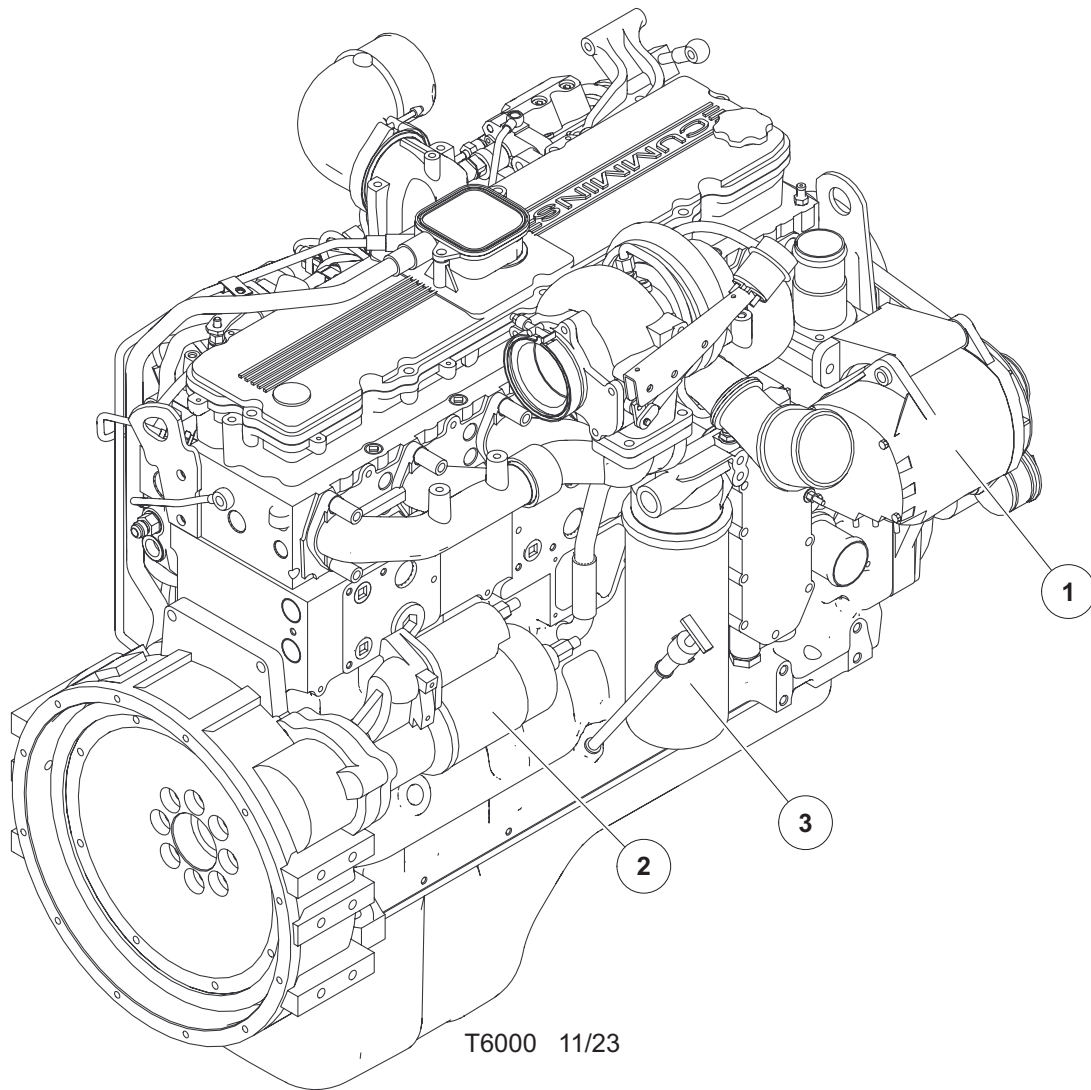
ENGINE PARTS AND INSTALLATION

TRIPLE DRIVE BULKHEAD PANELS - STANDARD ALL PACKAGES

Item	Part #	Description	Qty.
1	60396	WELDMENT, LOWER ENG BARRIER PANEL	1
2	15542	BOLT - .375" X .75" 263 RED LOCTITE™	12
3	15528	WASHER, SAE FLAT - .375"	20
4	42514	GROMMET, .875 I.D.	1
5	53214	CHANNEL, EDGE PROTECTOR	6"
6	60540	PLATE, FUEL FILTER SPACER	1
7	10402	BOLT - .375" X 1.25" 263 RED LOCTITE™	2
8	60300	MOUNT, ENGINE - INNER REAR	1
9	60392	PLATE, UPPER G-BOX 2 - D SEREIS	1
10	11707	BOLT - .375" X 1" 263 RED LOCTITE™	6
11	60295	MOUNT, ENGINE - REAR	1
12	60389	WELDMENT, G-BOX UPPER - D SERIES	1
13	673430	SHEET, RUBBER SEAL	1
14	632950	WELDMENT, UPPER FIREWALL	1
15	47206	RUBBER, ENGINE BARRIER	1
16	47205	BAR, BARRIER PANEL - ENGINE	1
17	15604	BOLT - .25" X .75" 263 RED LOCTITE™	8
18	10757	WASHER, SAE FLAT - .25"	8
19	673440	PLATE, SEAL SLOT	1
20	60444	MOUNT, MANIFOLD	1
21	50100	BOLT - .5" X 1.25"	2
22	10805	WASHER, FLAT - .625"	2

ENGINE PARTS AND INSTALLATION

ALTERNATOR, STARTER & OIL FILTER



ENGINE PARTS AND INSTALLATION

ALTERNATOR, STARTER & OIL FILTER

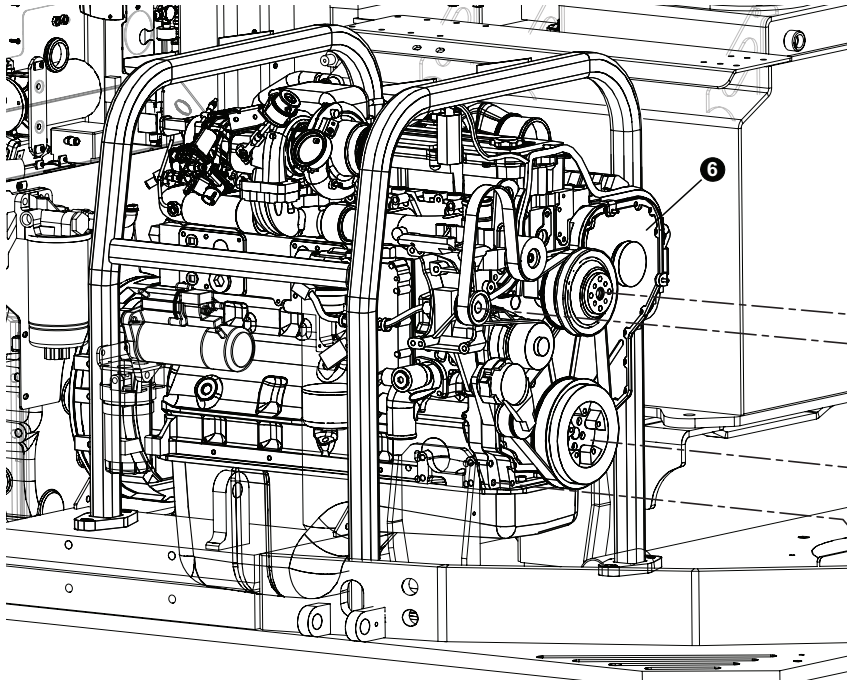
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	3686047 (CUMMINS)	1	ALTERNATOR	
2	5367769 (CUMMINS)	1	STARTER (ST9403)	
3	3401544 (CUMMINS)	1	OIL FILTER (LF9093)	

NOTE:

Parts listed are consistent for CUMMINS QSL9 - TPEM (325 HP) Engine ONLY.

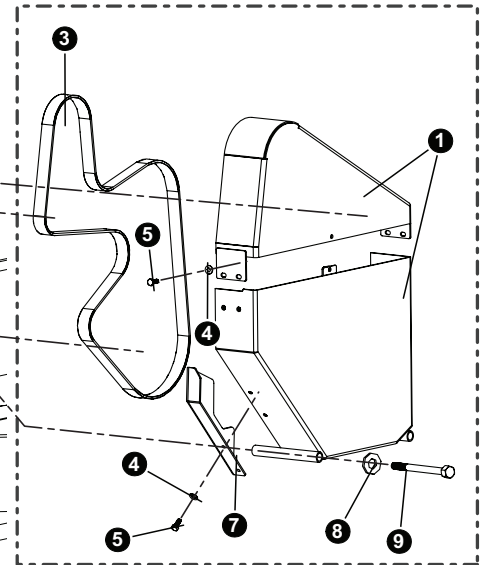
ENGINE PARTS AND INSTALLATION

CUMMINS QSL9 TPEM EXPORT ENGINE COMPONENTS ONLY

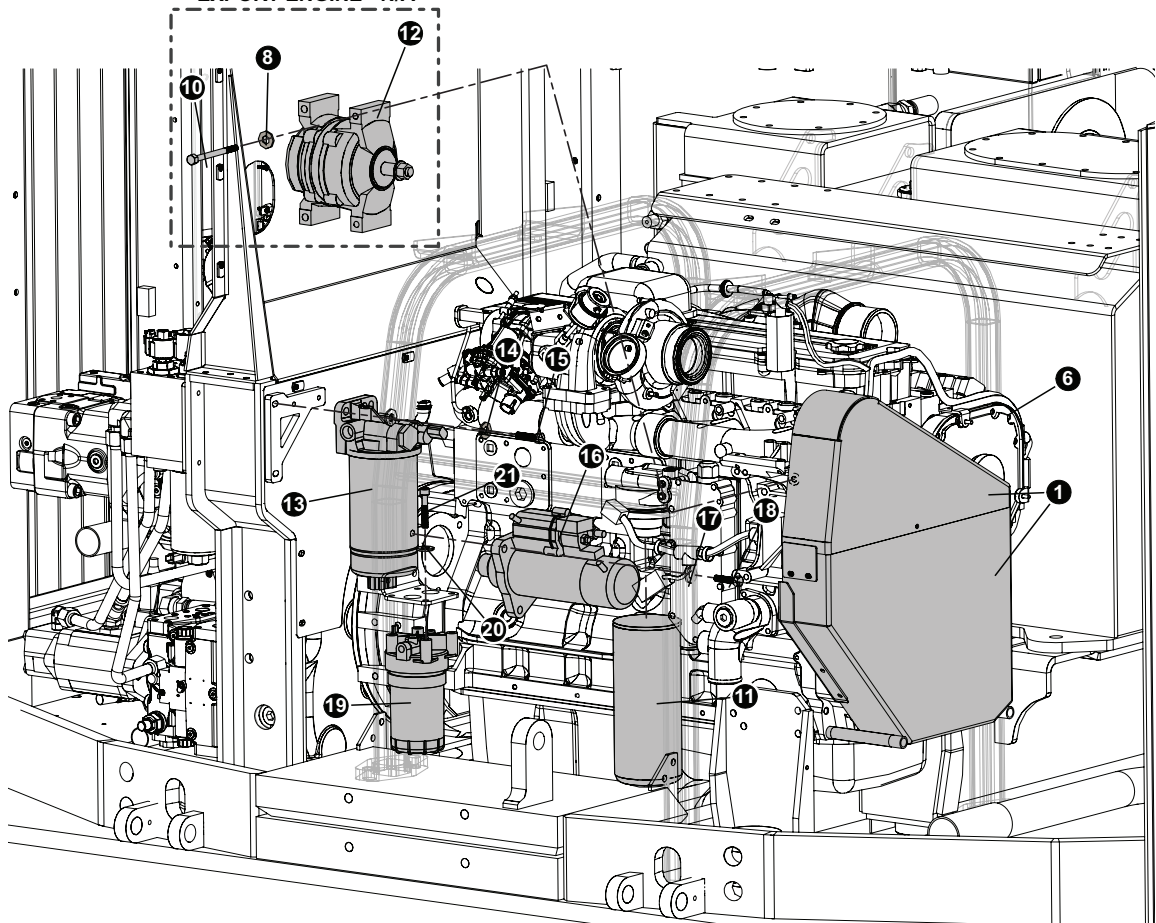


*SEE NEXT PAGE FOR EXPORT
ENGINE SHROUD

STANDARD CUMMINS ENGINE ONLY
EXPORT ENGINE - N/A



STANDARD CUMMINS ENGINE ONLY
EXPORT ENGINE - N/A



ENGINE PARTS AND INSTALLATION

CUMMINS QSL9 TPEM EXPORT ENGINE COMPONENTS ONLY

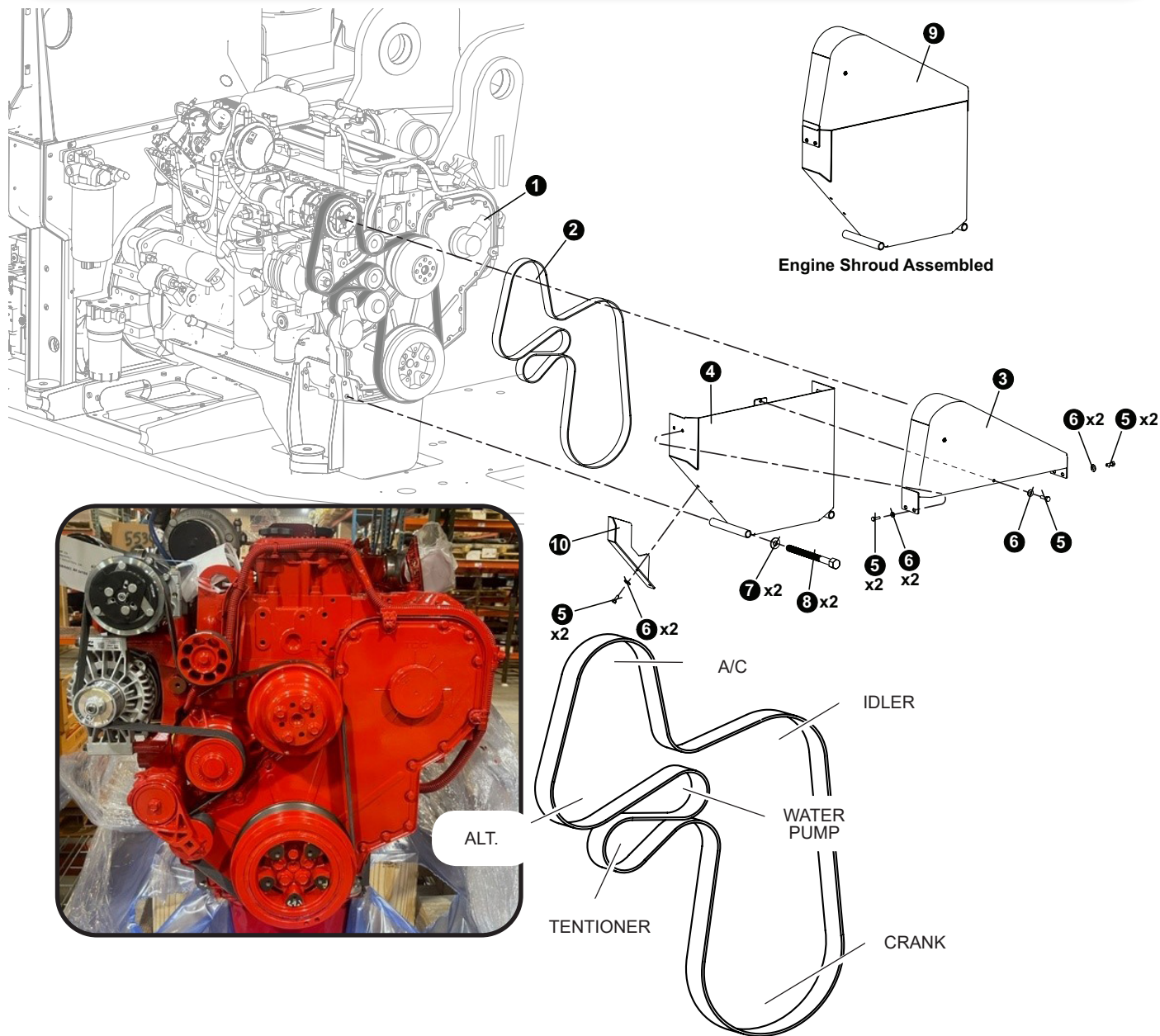
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	48950	1	SHROUD, ENGINE BELT	
3	3972381 (Sup. #)	1	BELT, FAN - ENGINE (D-SERIES)	
4	10757	7	1/4" FLAT WASHER	
5	15604	7	BOLT - .25" X .75"	
6	(SEE PAGE)	1	ENGINE - CUMMINS.....	EEX-1-1
7	46288	1	SHROUD, FAN - BOTTOM	
8	18735	6	12mm Washer	
9	53110	2	BOLT - 12MM X 150MM FAN GUARD	
10	15556	4	BOLT - 12MM-1.75P X 20MM	
11	LF9009 (Sup. #)	1	OIL FILTER	
12	3686047 (Sup. #)	1	ALTERNATOR, CUMMINS	
13	58052	1	FUEL PRO FILTER - STAGE 1	
14	15528	2	WASHER, SAE FLAT - .375"	
15	10402	1	BOLT - .375" X 1.25"	
16	5367769 (Sup. #)	1	STARTER, CUMMINS	
18	24604	1	BOLT - 10MM-1.5P X 125MM (FLANGE HEAD)	
19	52848	1	FILTER, FUEL - STAGE 2	
20	10801	4	5/16" FLAT WASHER	
21	25059	2	BOLT - 8MM-1.25P X 20MM	

NOTE:

Parts listed are consistent for CUMMINS QSL9 - TPEM (325 HP).

ENGINE PARTS AND INSTALLATION

CUMMINS QSL9 TPEM EXPORT ENGINE BELT & GUARD INSTALLATION

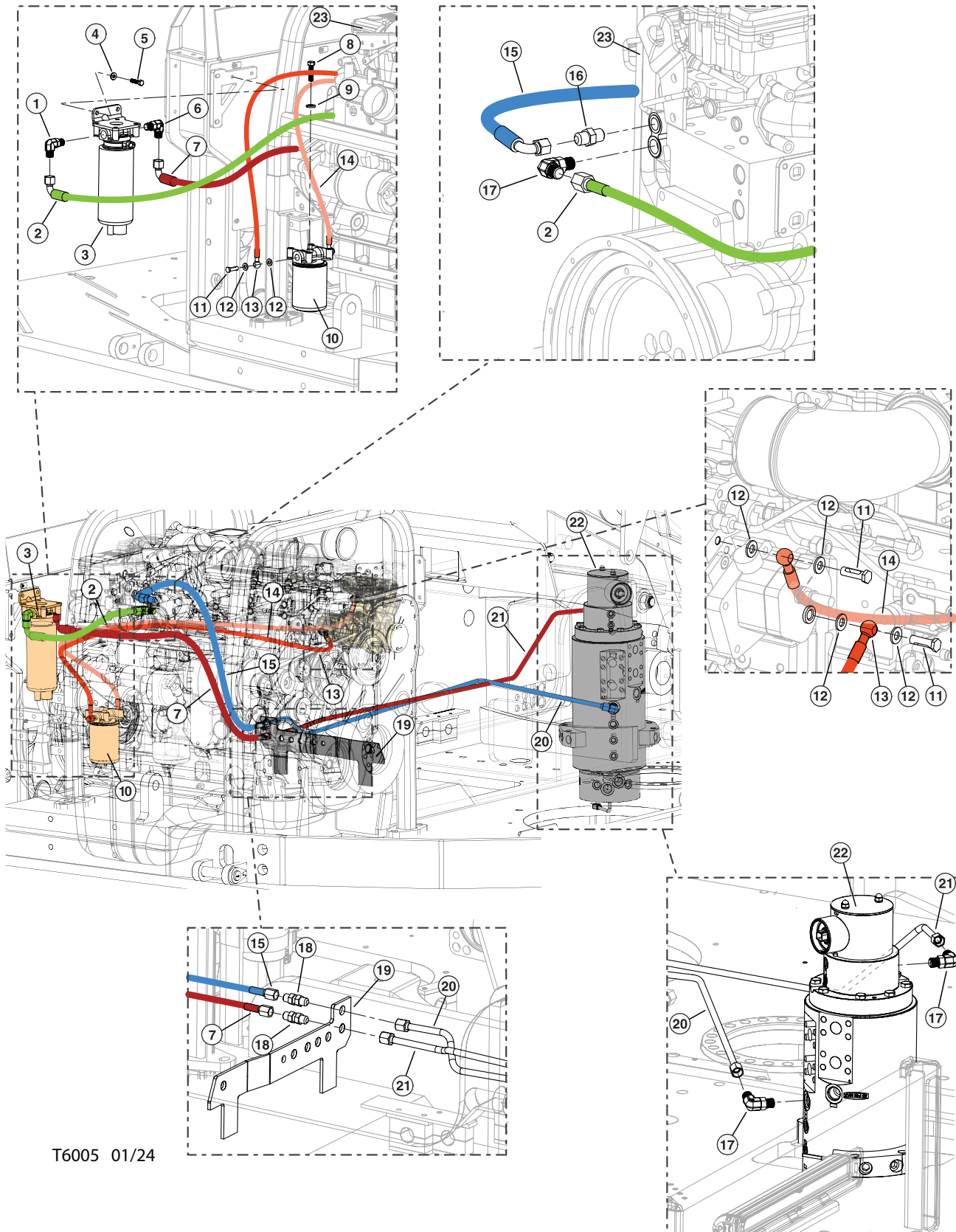


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	(SEE PAGE)	1	ENGINE, CUMMINS QSL9 - (325HP)	EEX-1-2
2	59058	1	BELT, SERPENTINE - D SERIES	
3	60782	1	SHROUD, ENGINE BELT TOP	
4	60778	1	SHROUD, ENGINE BELT LOWER	
5	15604	7	BOLT - .25" X .75"	
6	10757	7	1/4" FLAT WASHER	
7	(CALL)	2	12mm Washer	
8	53110	2	BOLT - 12MM X 150MM FAN GUARD	
9	60780	1	SHROUD, ASSY BELT GUARD	
10	46288	1	SHROUD, FAN - BOTTOM	

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ENGINE PARTS AND INSTALLATION

CUMMINS QSL9 TPEM EXPORT ENGINE FUEL LINES ONLY



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ENGINE PARTS AND INSTALLATION

CUMMINS QSL9 TPEM EXPORT ENGINE FUEL LINES ONLY

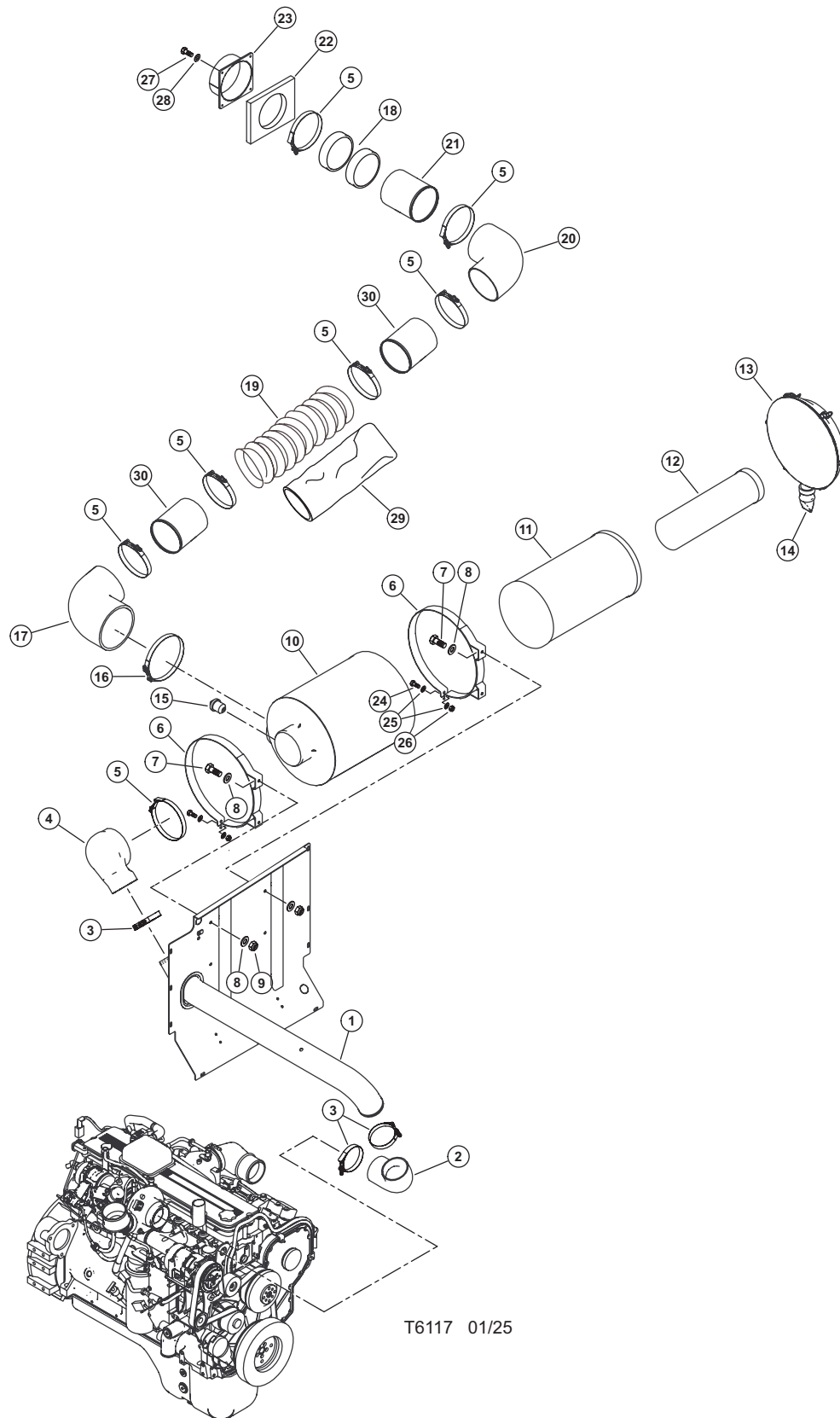
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	55347	2	FITTING, ELBOW - BULKHEAD 6 WETX-WLN-S	
2	(See Description)	1	HOSE ASSEMBLY - 221FR25-06-06JS-06J9	
3	58052	1	FUEL FILTER - STAGE 1	
4	15528	2	WASHER, SAE FLAT - .375"	
5	10402	2	BOLT - .375" X 1.25"	
6	53073	1	ELBOW, 90 6-JIC X 10-ORB	
7	(See Description)	1	HOSE ASSEMBLY - 221FR64-06-06JS-06J9	
8	25059	2	BOLT - 8MM-1.25P X 20MM	
9	10801	2	WASHER, 5/16"	
10	52848	1	FILTER, FUEL - STAGE 2	
11	FASTENER	4	(CONTACT YOUR CUMMINS DEALER FOR REPLACEMENT PART)	
12	WASHER	8	(CONTACT YOUR CUMMINS DEALER FOR REPLACEMENT PART)	
13	HOSE	1	(CONTACT YOUR CUMMINS DEALER FOR REPLACEMENT PART)	
14	HOSE	1	(CONTACT YOUR CUMMINS DEALER FOR REPLACEMENT PART)	
15	(See Description)	1	HOSE ASSEMBLY - 221FR39-06-06JS-06J9	
16	53103	3	FITTING, 6-8 - ORB-JIC	
17	20031	3	ELBOW, 90 - 6-8 C5OLO-S	
18	55385	2	FITTING, BULKHEAD - 8 WTX-WLN-S	
19	(SEE SECTION)	1	WELDMENT, TAILSWING D - UPPER BASE	UP-1
20	57274	1	TUBELINE, RM FS TO FUEL SUPPLY BULKHEAD	
21	57273	1	TUBELINE, RM FR TO FUEL RETURN BULKHEAD	
22	(SEE SECTION)	1	ROTARY MANIFOLD	UP-1
23	(SEE PAGE)	1	ENGINE - CUMMINS.	EEX-1-1

NOTE:

Parts listed are consistent for CUMMINS QSL9 - TPEM (325 HP) Export Engine ONLY.

ENGINE PARTS AND INSTALLATION

AIR CLEANER AND AIR INTAKE TUBE INSTALLATION - STANDARD ALL PACKAGES



T6117 01/25

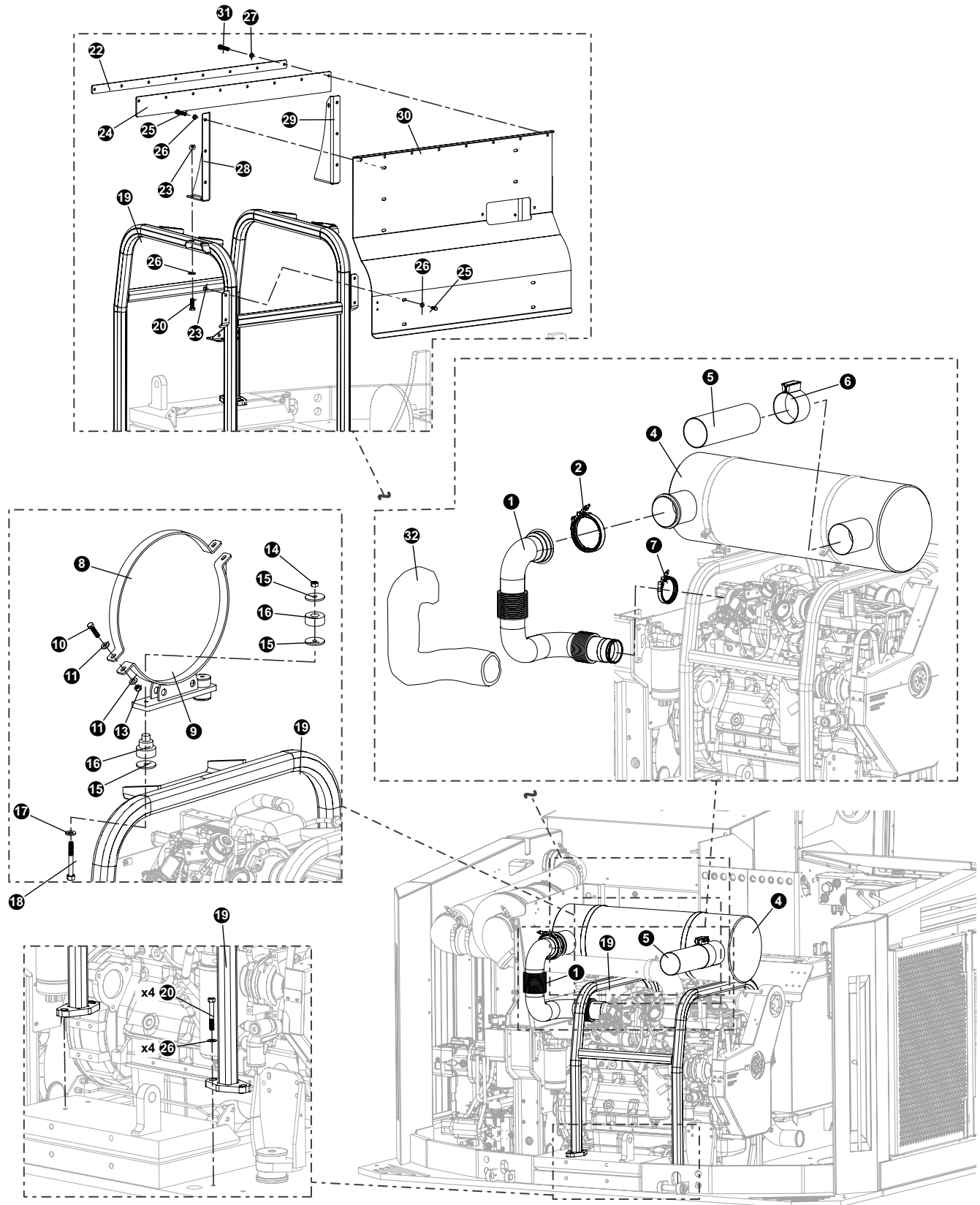
ENGINE PARTS AND INSTALLATION

AIR CLEANER AND AIR INTAKE TUBE INSTALLATION - STANDARD ALL PACKAGES

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	46868	1	WELDMENT, AIR INTAKE FLANGE	
2	55634	1	ELBOW, RUBBER - 4" x 4" - CUMMINS	
3	15697	3	CLAMP, STRAP BAND - 4.5"	
4	58981	1	ELBOW, RUBBER - COBRA 6" X 4"	
5	58030	7	CLAMP, T-BOLT - AIR INTAKE ELBOWS	
6	58260	2	BAND, AIR CLEANER - TAILSWNG STG V	
7	11704	4	BOLT - .375" X 1"	
8	10802	8	WASHER, FLAT - .375"	
9	10813	4	NUT, LOCK - .375"	
10	58136	1	AIR CLEANER ASSEMBLY - STAGE V	
11	58276	1	FILTER, AIR CLEANER - PRIMARY	
12	58277	1	FILTER, AIR CLEANER - SECONDARY	
13	58275	1	COVER, AIR CLEANER	
14	16608	1	BOOT, AIR CLEANER DUST	
15	16114	1	INDICATOR, AIR CLEANER FILTER SERVICE	
16	59004	1	CLAMP, T-BOLT - 750 SIZE - LRG AIR CLEAN	
17	58985	1	ELBOW, RUBBER 7X6 90DEG	
18	42378	38"	WEATHERSTRIPPING, WINDOW 5/16x3/4x500'	
19	55723	1	HOSE, DUCT - 6" X 58"	
20	57495	1	ELBOW, RUBBER - 90 DEGREE 6" X 6"	
21	55499	1	TUBE, AIR INLET	
22	47344	AR	FOAM	
23	60820	1	AIR INTAKE	
24	15591	2	BOLT - .3125" X 1.5"	
25	10801	4	WASHER, FLAT - .3125"	
26	10812	2	NUT, LOCK - .3125"	
27	15604	4	BOLT - .25" X .75"	
28	10757	4	WASHER, SAE FLAT - .25"	
29	56003	48"	SLEEVE, 1050 BALISTIC SL-7.0	
30	60548	2	TUBE, 6" - AIR INTAKE	

ENGINE PARTS AND INSTALLATION

CUMMINS QSL9 TPEM EXPORT ENGINE MUFFLER AND MUFFLER MOUNT INSTALLATION ONLY



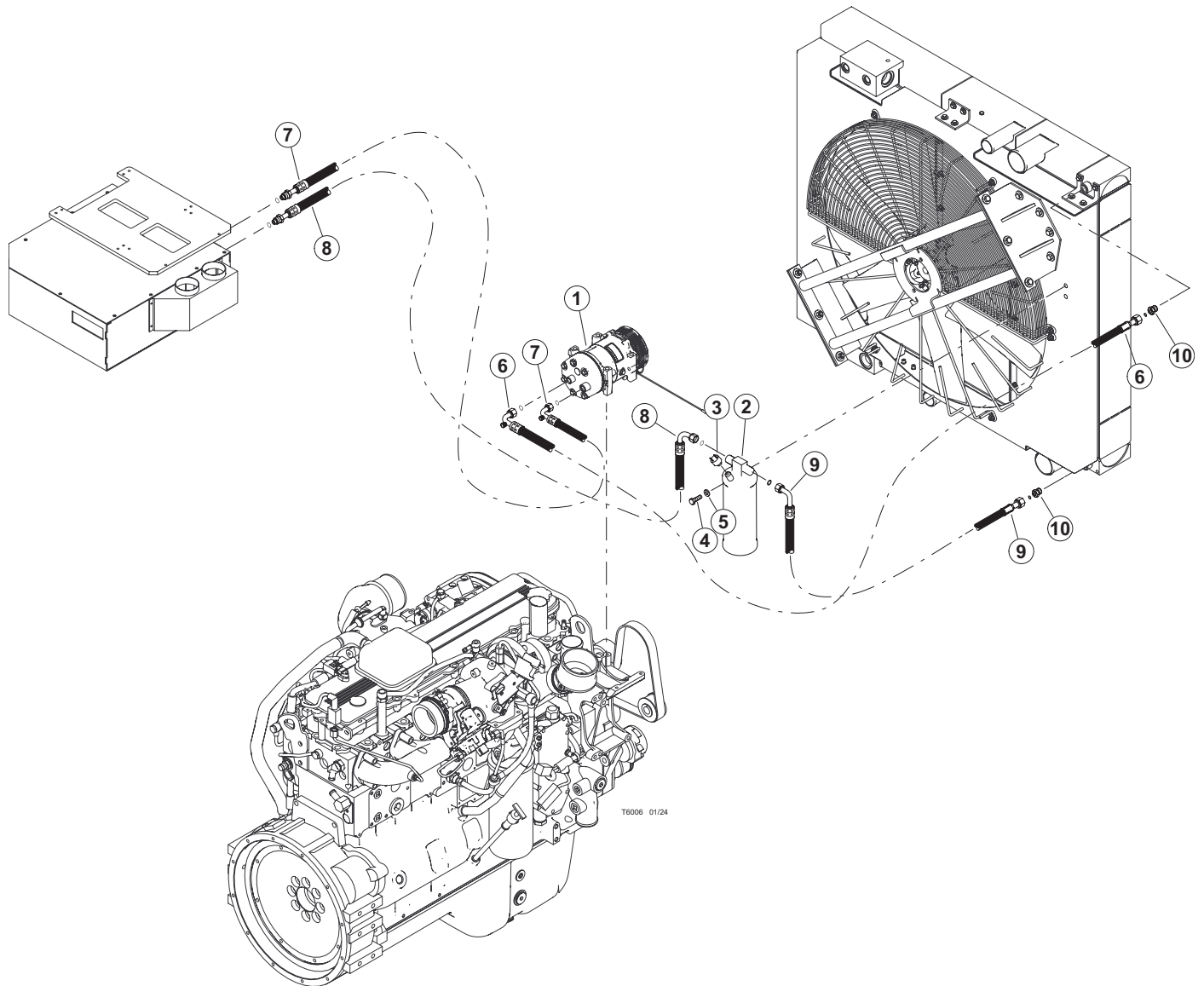
ENGINE PARTS AND INSTALLATION

CUMMINS QSL9 TPEM EXPORT ENGINE MUFFLER AND MUFFLER MOUNT INSTALLATION ONLY

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	62201	1	PIPE, EXHAUST - TAIL SWING	
2	16249	1	CLAMP, STRAP BAND - 5.5"	
4	58065	1	MUFFLER, SCR - CUMMINS	
7	20452	1	CLAMP, TURBO EXHAUST - C8.3 ELITE	
8	60381	2	STRAP, SINGLE CAN MOUNT - AFTER TREATMENT	
9	60380	2	WELDMENT, SCR MTG CLAMP - D SERIES	
10	10822	4	BOLT - .3125" X 1.25"	
11	10801	8	5/16" WASHER	
13	10812	4	5/16-18 LOCKNUT	
14	10815	4	1/2" LOCKNUT	
15	46674	12	WASHER, FENDER - ISOLATOR	
16	55560	4	ISOLATOR, RUBBER - VOLVO MUFFLER - T4F	
17	10804	4	1/2" FLAT WASHER	
18	10893	4	BOLT - .5" X 3"	
19	48910	1	WELDMENT, AFTER TREATMENT MOUNT - D SERIES	
20	10402	12	BOLT, 3/8" X 1 1/4" BOLT	
22	48988	1	PLATE, SCR PANEL RUBBER HOLD DOWN	
23	10813	8	NUT, LOCK - .375"	
24	(CALL)	1	RUBBER SHIELD	
25	15542	10	BOLT - .375" X .75"	
26	15528	14	WASHER, SAE FLAT - .375"	
27	10802	8	WASHER, FLAT - .375"	
28	48996	1	PLATE, SCR PANEL SUPPORT - RH	
29	48997	1	PLATE, SCR PANEL SUPPORT - LH	
30	48963	1	SHIELD, HEAT	
31	11707	8	BOLT - .375" X 1"	
32	57841	1	INSULATION, EXHAUST PIPE - D-SERIES	

ENGINE PARTS AND INSTALLATION

AIR CONDITIONING SYSTEM INSTALLATION



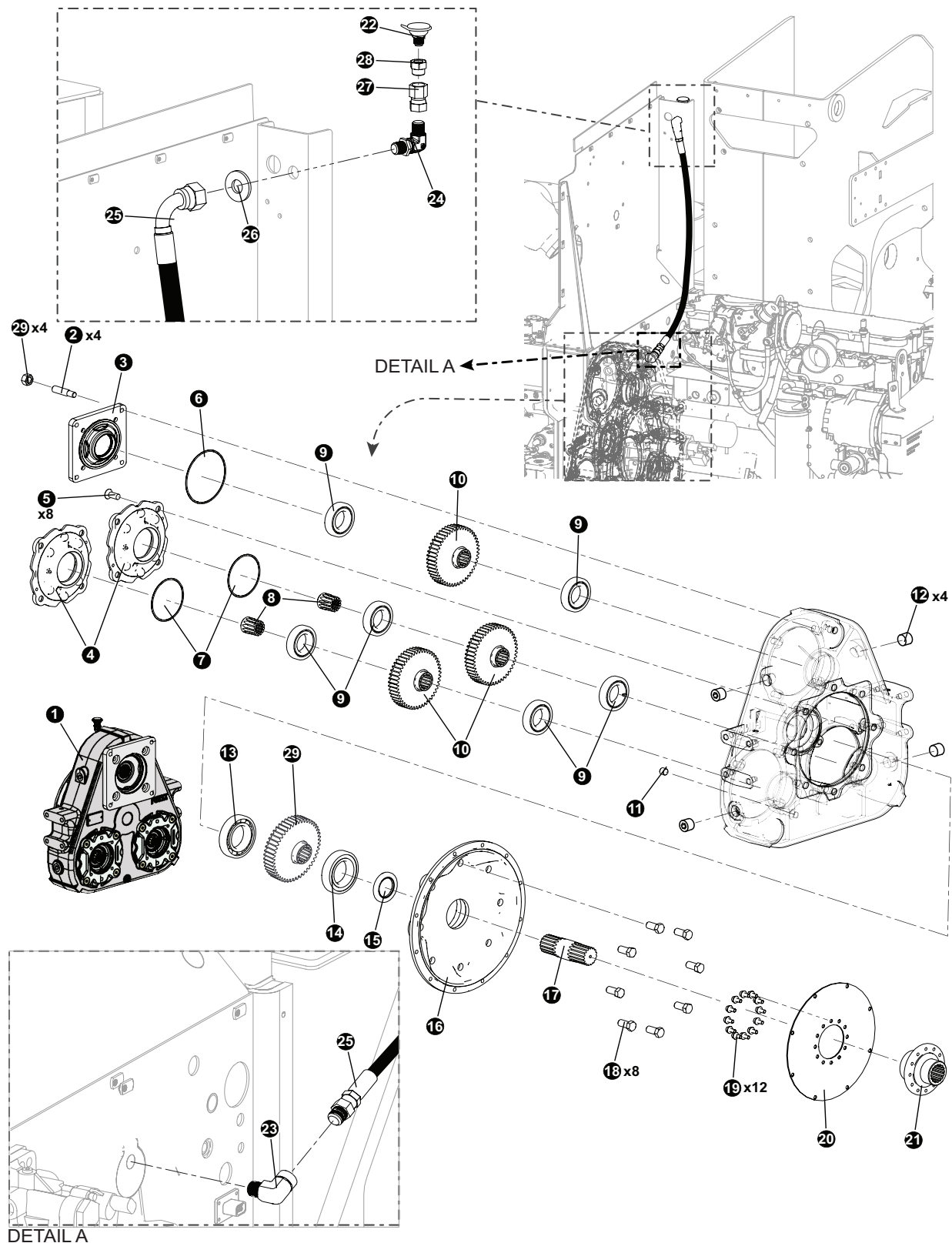
ENGINE PARTS AND INSTALLATION

AIR CONDITIONING SYSTEM INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	(SEE DESCRIPTION)	1	AC COMPRESSOR (SUPPLIER PART# BT5-4270)	
2	50937	1	DRIER, AC	
3	15040	1	SWITCH, BINARY (BADGER)	
4	11707	2	BOLT - .375" X 1.00"	
5	10802	2	WASHER, FLAT - .375"	
6	BH-351 (Mfg'r #)	1	HOSE ASSEMBLY - 10-12 EVAPORATOR TO COMPRESSOR	
7	BH-352 (Mfg'r #)	1	HOSE ASSEMBLY - #8 AC / HEATER UNIT TO COMPRESSOR	
8	BH-354 (Mfg'r #)	1	HOSE ASSEMBLY - #6 DRIER TO AC / HEATER UNIT	
9	BH-353 (Mfg'r #)	1	HOSE ASSEMBLY - #6 EVAPORATOR TO DRIER	
10	BT0-770	2	FITTING 7/8" -14 X #8 MIO	
11	(SEE PAGE)	1	AC / HEATER ASSEMBLY.....	OC-4-1
12	(SEE PAGE)	1	RADIATOR / COOLER / DRIER ASSEMBLY	UP-3-2
13	(SEE PAGE)	1	ENGINE, CUMMINS	EEX-1-1
	405862	AR	O-RING #06	
	405863	AR	O-RING #08	

ENGINE PARTS AND INSTALLATION

PUMP DRIVE TRANSMISSION BREAKDOWN - STANDARD ALL PACKAGES



ENGINE PARTS AND INSTALLATION

PUMP DRIVE TRANSMISSION BREAKDOWN - STANDARD ALL PACKAGES

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	58980	1	TRANSMISSION, TRIPLE PUMP DRIVE (2000 rpm)	
1	(CALL)	4	NUT	
2	18293	4	THREADED STUD (Supplier # 40281351)	
3	18292	1	COVER, TOP	
4	54767	2	COVER, BOTTOM (Supplier # YZ280186)	
5	(CALL)	8	FASTENER	
6	(CALL)	1	GASKET	
7	(CALL)	2	GASKET	
8	16330	2	ADAPTOR SLEEVE (Supplier # 4028056)	
9	(CALL)	3	BEARING,	
(MUST VERIFY INPUT GEARS USED ON MACHINE)				
10	57766	3	INPUT GEAR - (STANDARD)	
10	57766	2	INPUT GEAR - (STANDARD) (2 USED IF MACHINE HAS 65388 LONG NOSE INPUT GEAR)	
10	65388	1	INPUT GEAR - (LONG NOSE) (USED IS IMPLEMENT PUMP HAS SHORT SHAFT)	
11	(CALL)	1	INSERT COVER	
12	(CALL)	4	INSERT COVER	
13	18892	1	BEARING (Supplier # F40214)	
14	18891	1	BEARING (Supplier # F40214S)	
15	18027	4	SEAL	
16	(CALL)	1	COVER, engine adapter housing (See Note #2 Below)	
17	18388	1	SHAFT	
18	(CALL)	8	FASTENER	
19	(CALL)	12	FASTENER	
20	18028	1	PLATE	
21	(CALL)	1	PINION FLANGE YOKE	
22	21304	1	VENT AP	
23	16251	1	ELBOW, 90 STREET - 5502-4	
24	55347	1	FITTING, ELBOW - BULKHEAD 6 WETX-WLN-S	
25	(See Description)	1	HOSE, Supplier Part # 387TC 38 06-06JS-06J9 (Triple Drive Vent Hose)	
26	(CALL)	1	5/8" TRU TORQ, EXTRA THICK FLAT WASHER: 15/64" THICK, 21/32" ID, 1 5/16" OD	
27	57422	1	FITTING, 6-6 G6X-S	
28	11318	1	BUSHING, REDUCER - 5406-6-4	
29	57766	1	CENTER GEAR	

Note #1:

Use Loctite™ 272 (blue) during installation.

Note #2:

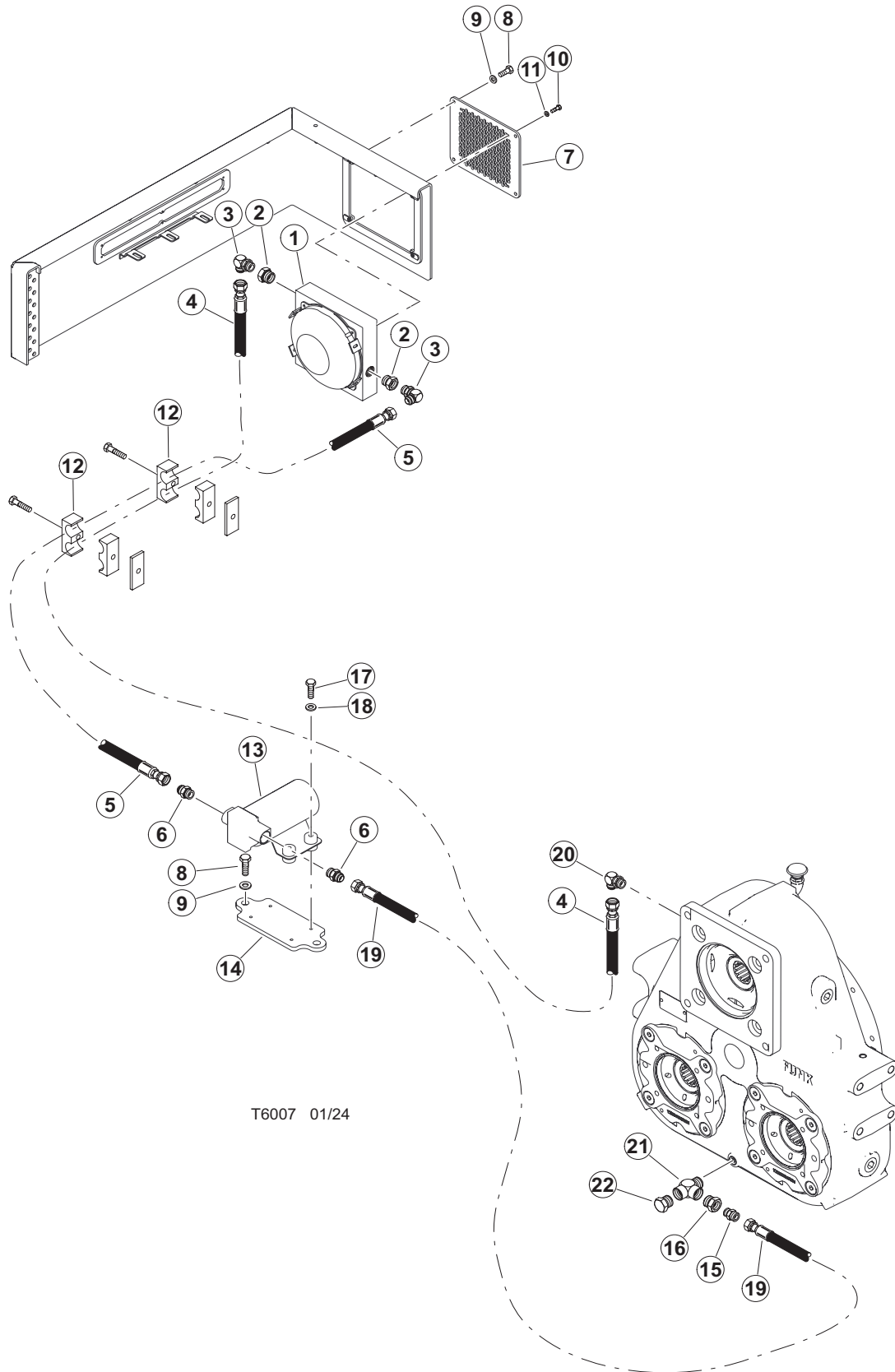
Use Silicone sealant during installation.

Note #3:

Use teflon sealant during installation.

ENGINE PARTS AND INSTALLATION

PUMP DRIVE TRANSMISSION COOLER SYSTEM



T6007 01/24

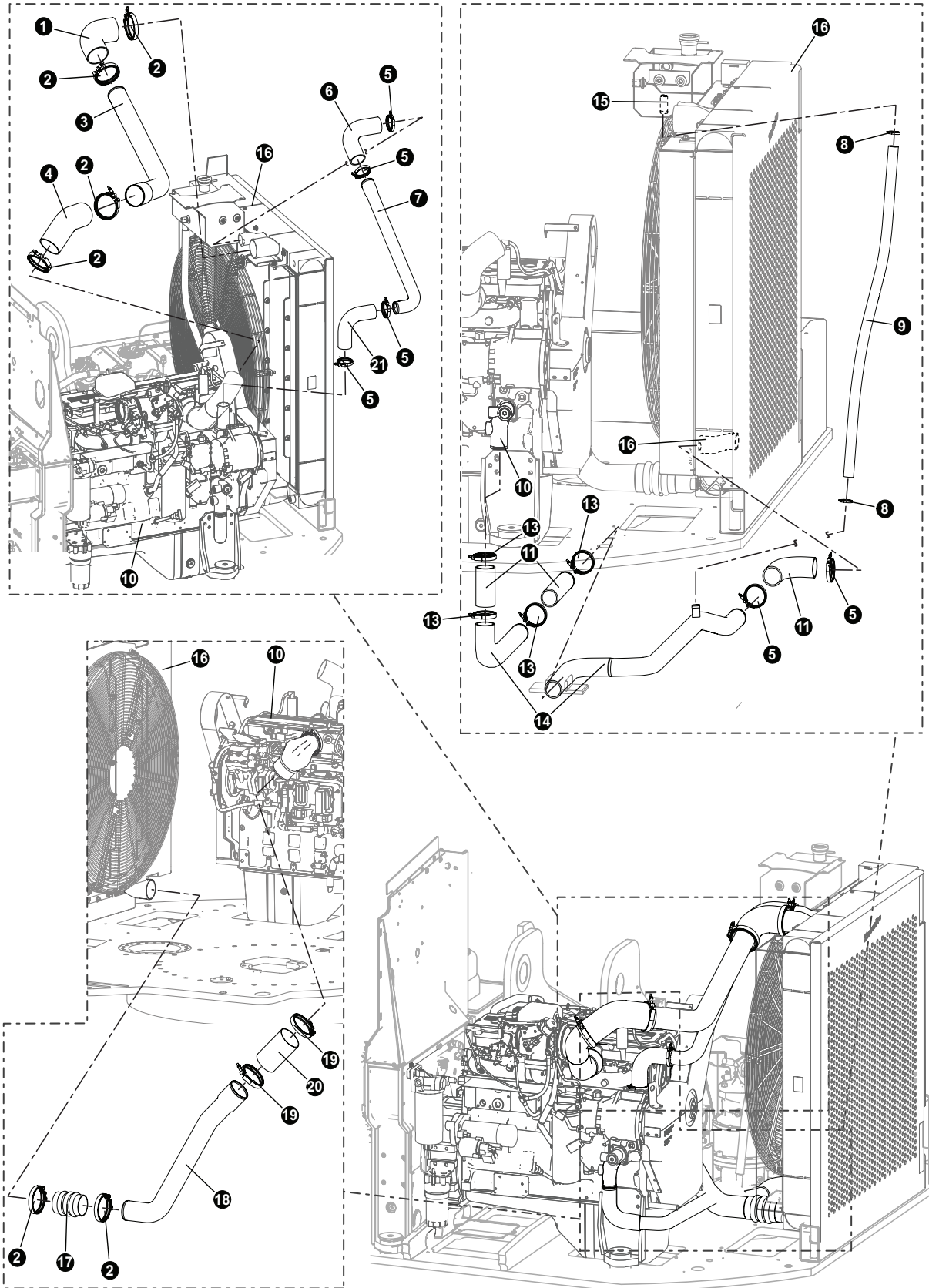
ENGINE PARTS AND INSTALLATION

PUMP DRIVE TRANSMISSION COOLER SYSTEM

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	55528	1	COOLER, GEAR BOX - REMOTE	
2	20067	2	BUSHING, REDUCER - 6410-12-8	
3	53145	2	FITTING, 6-8 C50X-S - JIC	
4	(SEE DESCRIPTION)	1	HOSE ASSEMBLY - 387TC199 06-06JS-06JS	
5	(SEE DESCRIPTION)	1	HOSE ASSEMBLY - 387TC134 06-06JS-06JS	
6	55204	2	FITTING, STRAIGHT - 6 FTX-S	
7	48912	1	PLATE, G-BOX COOLER MTG	
8	11707	6	BOLT - .375" X 1.00"	
9	10802	6	WASHER, FLAT - .375"	
10	15575	4	BOLT - .25" X 1.5"	
11	10800	4	WASHER, FLAT - .25"	
12		2	CLAMP	
13	57464	1	PUMP, GEAR BOX COOLER	
14	48693	1	MOUNT, PUMP - GEARBOX COOLER	
15	51878	1	CONNECTOR, STR - MALE PIPE (6-6 FLO-S)	
16	15630	1	BUSHING, REDUCER - 5406-8-6	
17	16127	4	SCREW, MACHINE - #10-24 X 1.25"	
18	16208	4	WASHER, FLAT - #10	
19	(SEE DESCRIPTION)	1	HOSE ASSEMBLY - 387TC46 06-06OS-06JS-SW	
20	16882	1	ELBOW, 90 - 849-FSO-6X6	
21	53074	1	TEE (1/2" MNPT BRANCH)	
22	16032	1	PLUG - FF9767-08S	
23	(SEE PAGE)	1	TRANSMISSION, TRIPLE PUMP DRIVE (2000 rpm)	EEX-1-19

ENGINE PARTS AND INSTALLATION

ENGINE AIR & WATER TUBE INSTALLATION



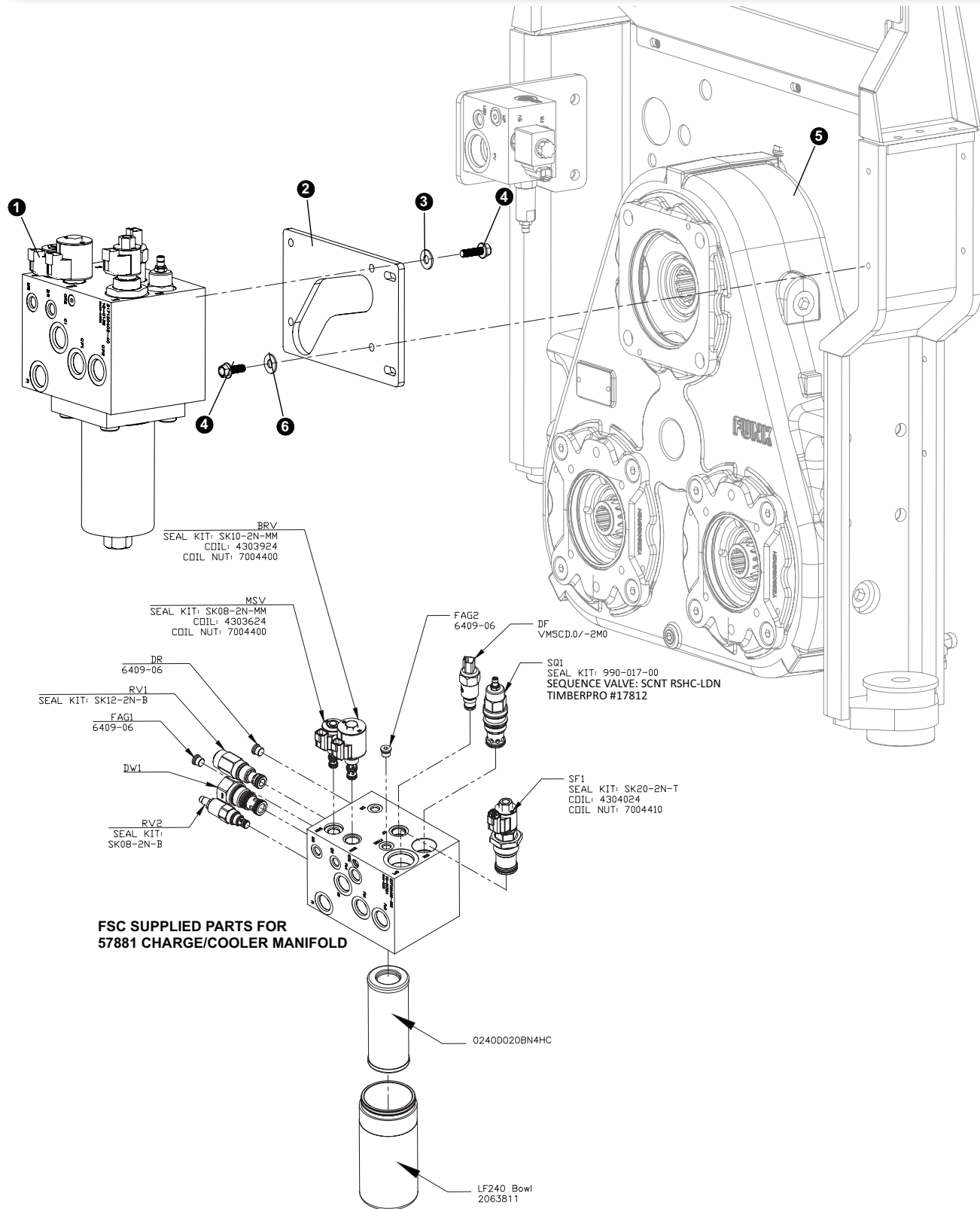
ENGINE PARTS AND INSTALLATION

ENGINE AIR & WATER TUBE INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52753	1	ELBOW, 90 - 3.5" X 6" SILICONE	
2	52862	6	CLAMP, spring hose - 4" (Supplier #3926703)	
3	60440	1	TUBE, UPPER CAC TO MANIFOLD	
4	52729	1	ELBOW, 48 - 4" BOOT (AIR TO AIR)	
5	18103	2	CLAMP, CONSTANT TORQUE - #40	
6	57992	1	HOSE, RADIATOR - D-SERIES	
7	48918	1	TUBE, UPPER RADIATOR D-MODEL	
8	15629	2	CLAMP, HOSE - WORM STYLE - 1.5"	
9	(See Description)	1	HOSE, (Supplier #8031957 16-0-0-SW)	
10	(SEE PAGE)	1	ENGINE, CUMMINS	EEX-1-1
11	57992	2	HOSE, RADIATOR - D-SERIES	
13	18104	2	CLAMP, CONSTANT TORQUE - #36	
14	48582	1	TUBE, LOWER COOLANT LINE-TAIL SWING	
15	(SEE SECTION)	1	TANK, SURGE - D SERIES (HI VOLUME)	UP-1
16	(SEE SECTION)	1	RADIATOR / COOLER ASSEMBLY	UP-3
17	52861	4	HOSE, HUMP - SILICONE (3 WIRE CUMMINS)	
18	48387	1	TUBE, BOTTOM CAC - ENGINE CA IN	
19	15697	2	CLAMP, STRAP BAND - 4.5"	
20	55646	1	HOSE, AIR TO AIR - CUMMINS - 4" X 4" STR	
21	15617	1	HOSE, 90 DEGREE RADIATOR - 2 1/4 ID	

ENGINE PARTS AND INSTALLATION

TL-775 CHARGE MANIFOLD ASSEMBLY AND INSTALLATION



ENGINE PARTS AND INSTALLATION

TL-775 CHARGE MANIFOLD ASSEMBLY AND INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	(See Illustration)	1	MANIFOLD, CHARGE / COOLER - D SERIES (57881)	
2	60391	1	PLATE, CHARGE BLOCK MOUNT - D	
3	15528	4	WASHER, SAE FLAT - .375"	
4	11707	6	BOLT - .375" X 1"	
5	(SEE SECTION)	1	BARRIER, ENGINE - D MODEL	EE-1
6	10802	2	WASHER, FLAT - .375"	

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This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.