



Illustrated Parts Breakdown

6400 Tier 4

28.5V DC Generator Set Ground Power Unit

Specification.:	ACE6400 28.5 V DC
Type:	OM2248

Operation Manual - ITW GSE 6400 Tier 4

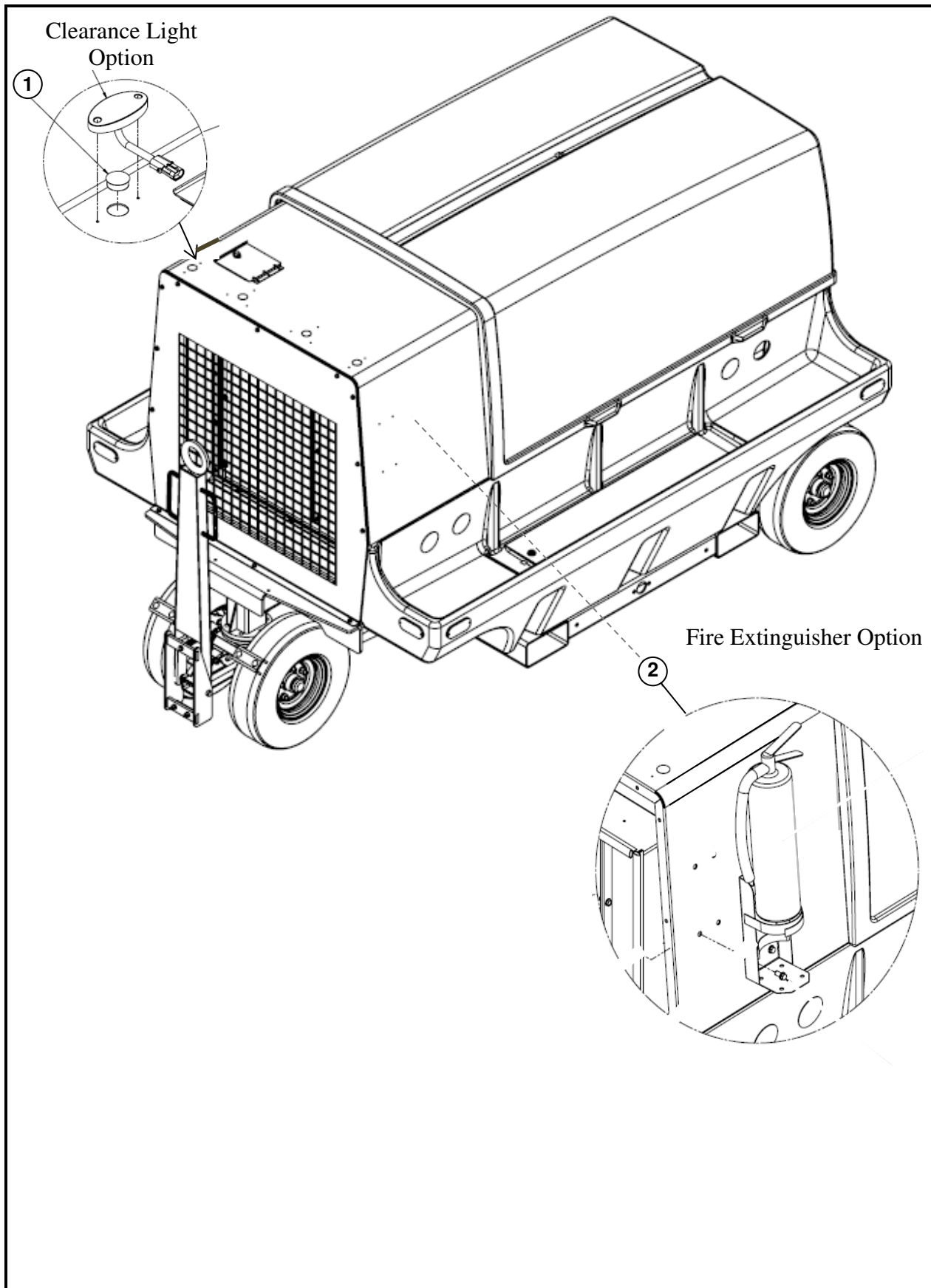


Figure 3-1. Generator Set 6400 JetEx8 T4 28.5 V DC (Sheet 1 of 3).

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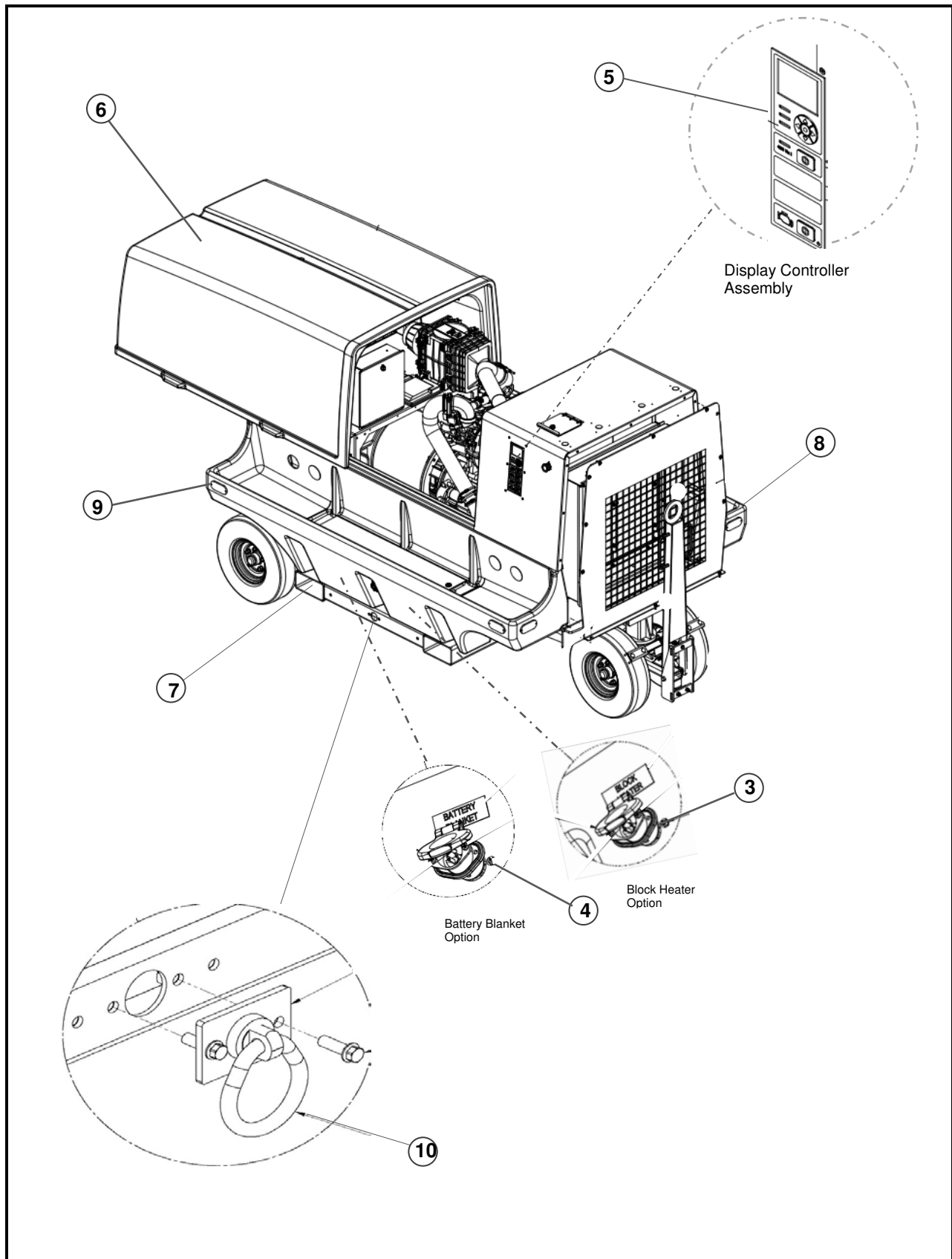


Figure 3-1. Generator Set 6400 JetEx8 T4 28.5 V DC (Sheet 2 of 3).

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FIGURE - ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	QTY.
3-1	6400-T4	JetEx® 28.5V DC Tier 4	REF
1	293098	Clearance Light Option	1
2	293171	Fire Extinguisher Option	1
3	293503-XX	Block Heater Option	1
4	293498-XX	Battery Heater Option	1
5	293454-05	.Display Controller, Output Assembly	1
	*275194	..Membrane 28V DC Output	1
	*AP-378807	..Cover, Display Assy	1
6	293517	.Top. Canopy, Composite, Define Color	1
7	293564	.Trailer Assembly	1
8	293086	.Cable Tray Left	1
9	293087	.Cable Tray Right	1
10	293192	.Tie-Down Ring Option	1
	*Item not Illustrated		

Figure 3-1. Generator Set 6400 JetEx8 T4 28.5 V DC (Sheet 3 of 3).

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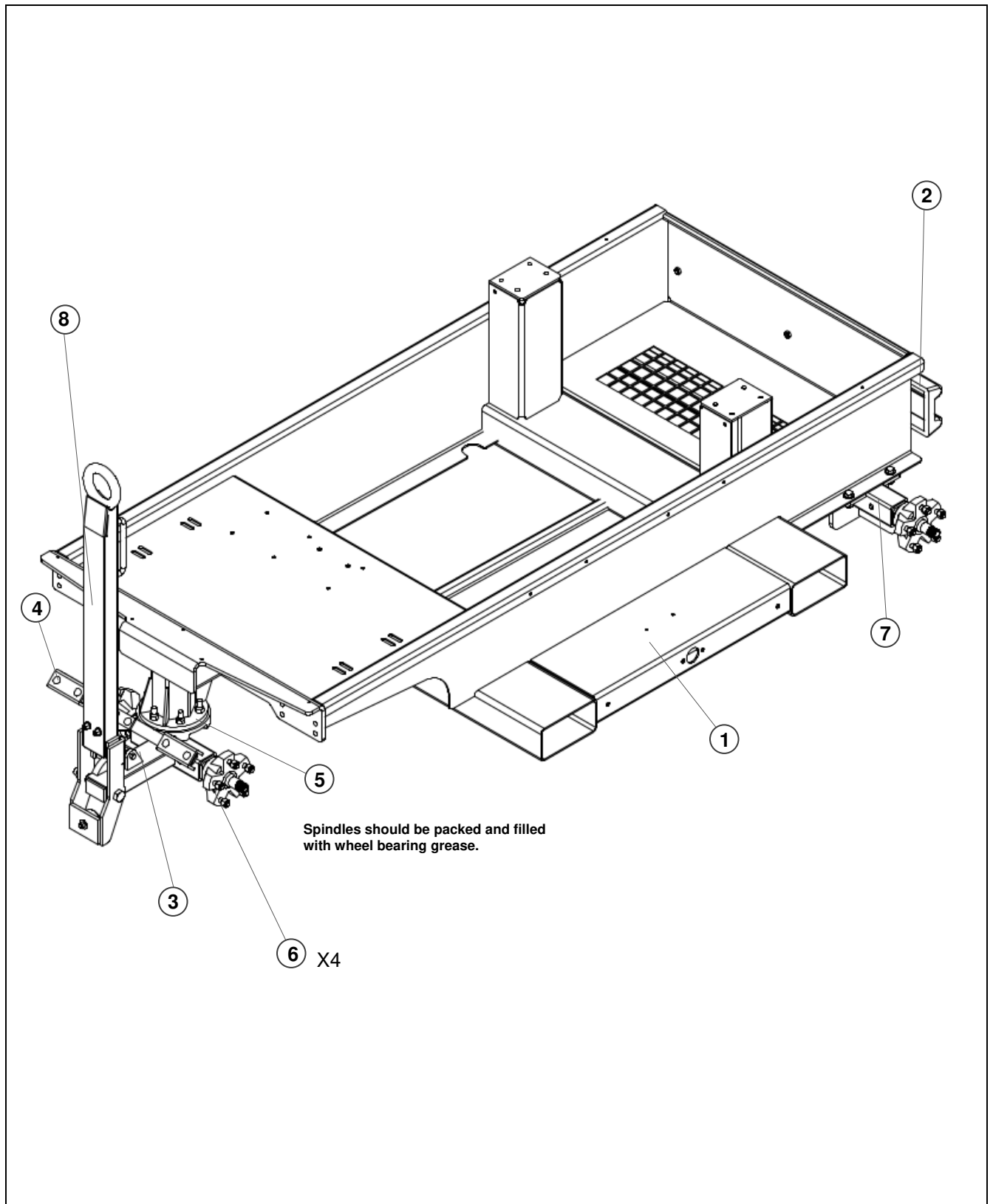


Figure 3-2. Assembly, Chassis/Running Gear 6400 JetEx8 T4 28.5 V DC (Sheet 1 of 2).

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FIGURE - ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	QTY.
3-2-	1 293382	Base Frame, JetEx® 8-T4	1
	2 TA11449	.Heavy-Duty Rubber Wall Guard	1
	3 293401	.5 th Wheel Axle Assembly	1
	4 293402	.Parking Brake Assembly	1
	5 84655UC1-EZ	.EZ Hub Hit, Pivot Hub “5 th Wheel” (Steel)	1
	6 84545UC1-EZ	.EZ Hub Hit, Pivot Hub “Rolling” (Steel)	1
	7 293399	.Rear Axle Assy	1
	8 293400	.Towbar Assy	1
	*293290	Tow Bar Din 40 Option	1
*Item not illustrated			

Figure 3-2. Assembly, Chassis/Running Gear 6400 JetEx8 T4 28.5 V DC (Sheet 2 of 2).

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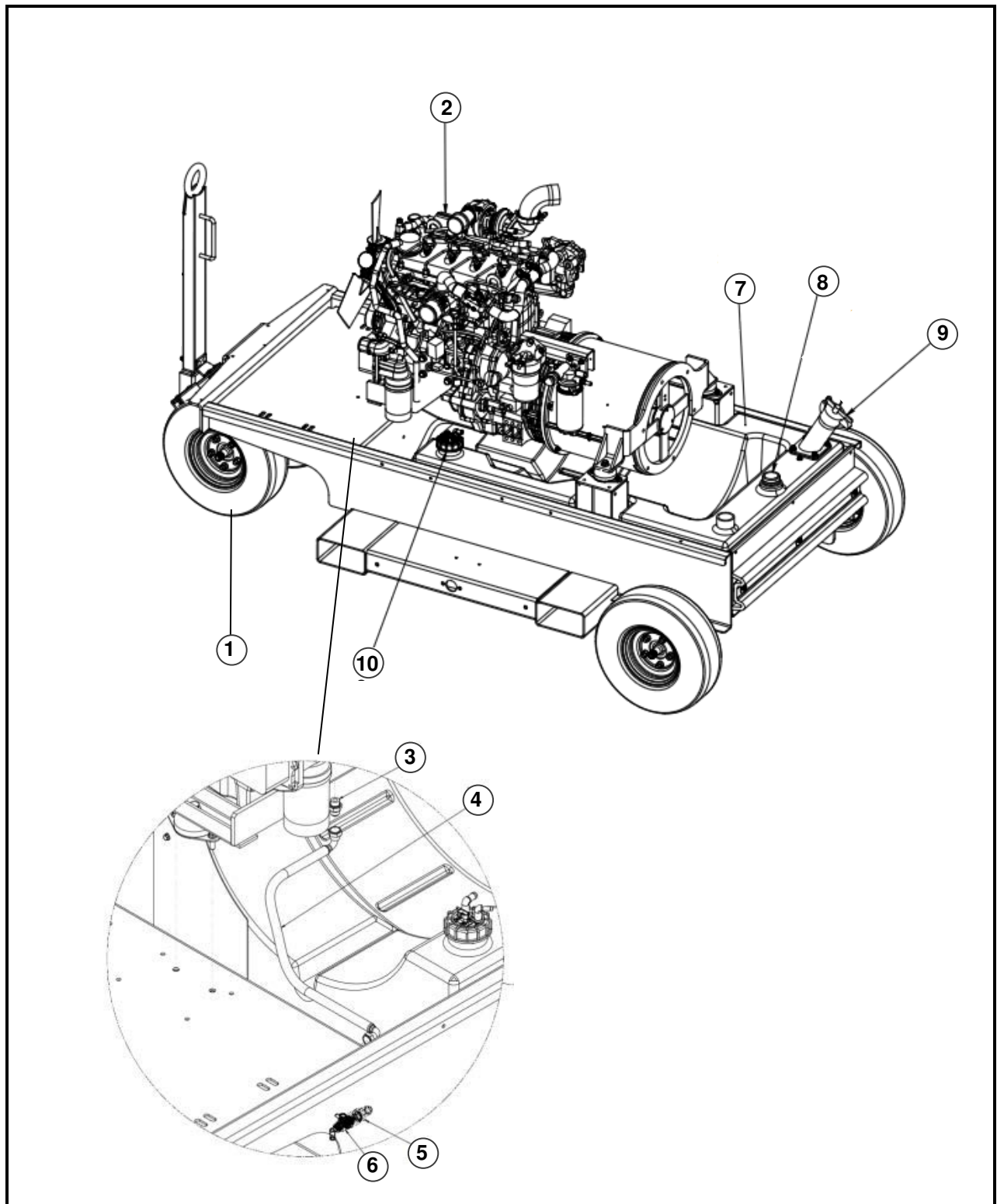


Figure 3-3. Genset/Fuel Tank Installation, 6400 JetEx8 T4 28.5 V DC (Sheet 1 of 3).

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FIGURE - ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	QTY.
3-3-	293131	T4-Genset/Fuel Tank Installation, JetEx8 28.5 V DC	REF
1	293182	..Tire, Super Grip GSE 500/570-8 ply Tubeless 18.5 OD	4
2	293112	..Genset Assembly	1
3	FI5560	..Adapter, 3/4-16 x M18x1.5	1
4	293274	..Oil Drain Hose Assembly	1
5	TS11478	.. Adapter, SAE 37 DEG. Male Flare Bulkhead	1
6	VA11479	.. Valve, Oil Drain	1
7	293395	..Fuel Tank Composite Assembly, (See Figure 3-4)	1
8	IL11707	...Mechanical Fuel Gauge	1
9	EB11439	...Protectoseal, Fuel Cap Green	1
10	293335	...Fuel Sender w/Coupling Nut	1
*Item not illustrated			

Figure 3-3. Genset/Fuel Tank Installation, 6400 JetEx8 T4 28.5 V DC (Sheet 2 of 2).

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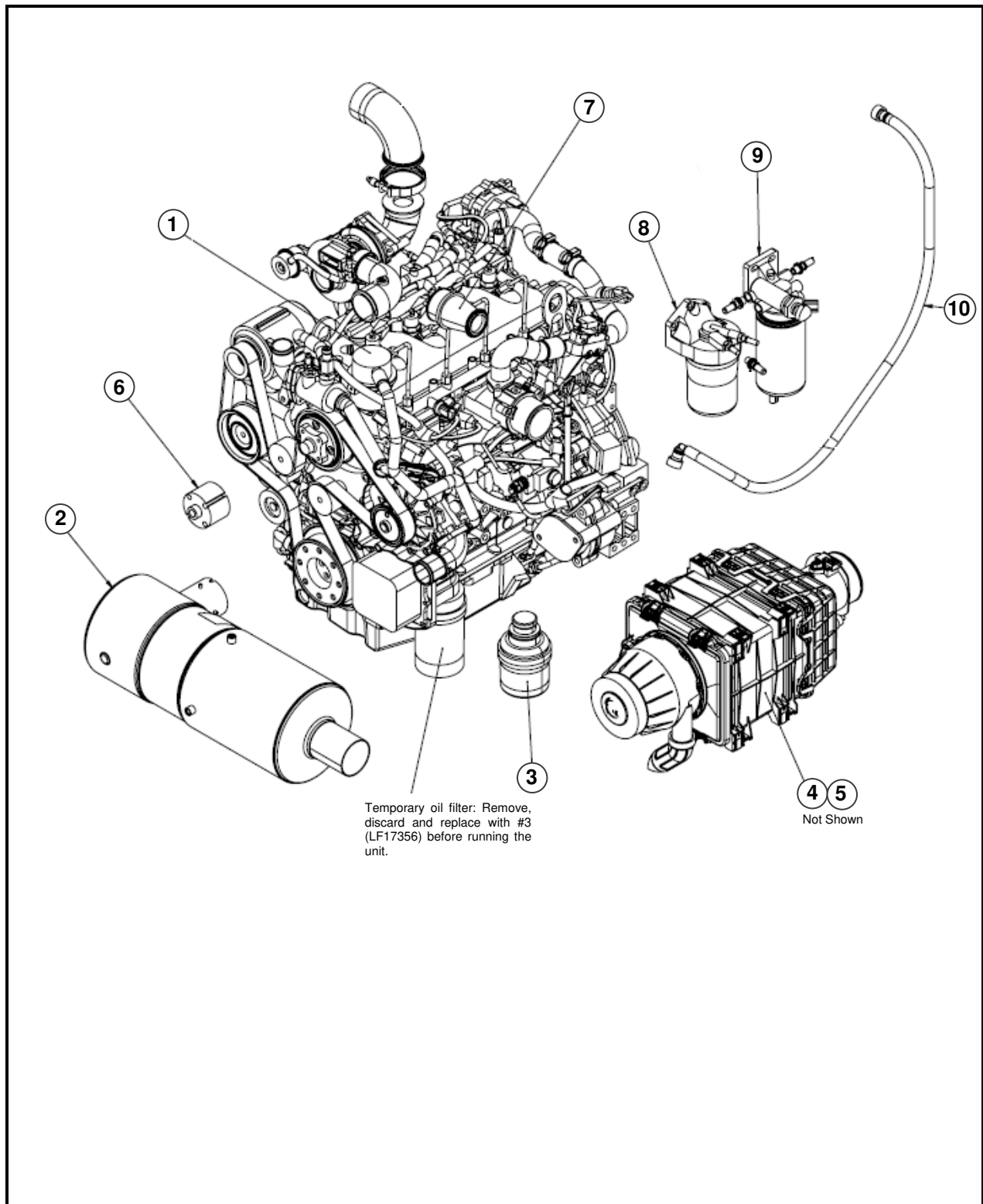


Figure 3-4. Genset Assembly, 6400 JetEx8 T4 28.5 V DC (Sheet 1 of 2).

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FIGURE - ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	QTY.
3-4-	293112	T4 Genset Assembly JetEx8 28.5 V DC	Ref.
1	293284	Engine, Cummins 28.5V DC QSF2.8 Tier 4	1
2	A048Y154	..DOC, 6400-T4	1
3	LF17356	..Oil Filter	1
4	AK55694	.. Air Cleaner, DF390 Series	1
5	5256263	..Harness, Air Cleaner	1
6	3910130	..Fan Spacer, 2"	1
7	4932633	..Air Transfer Pipe	1
8	FF90567	..Fuel Filter	1
9	FS90168	..Water Separator W/Sensor	1
10	5266869	..Fuel Hose, 12mm x 48" Long	1
11	*5449610	..Motor, Starting, 12V 3.0 KW	1
12	*3969822	..Quick Connector	1
13	*3963990	...Washer	1
14	*3963988	..Quick Connector	2
15	*5266680	...Washer	2
16	*FS19732	..Fuel Priming Filter	1
*Item not illustrated			

Figure 3-4. T4 Genset Assembly, 6400 JetEx8 T4 28.5 V DC (Sheet 2 of 2).

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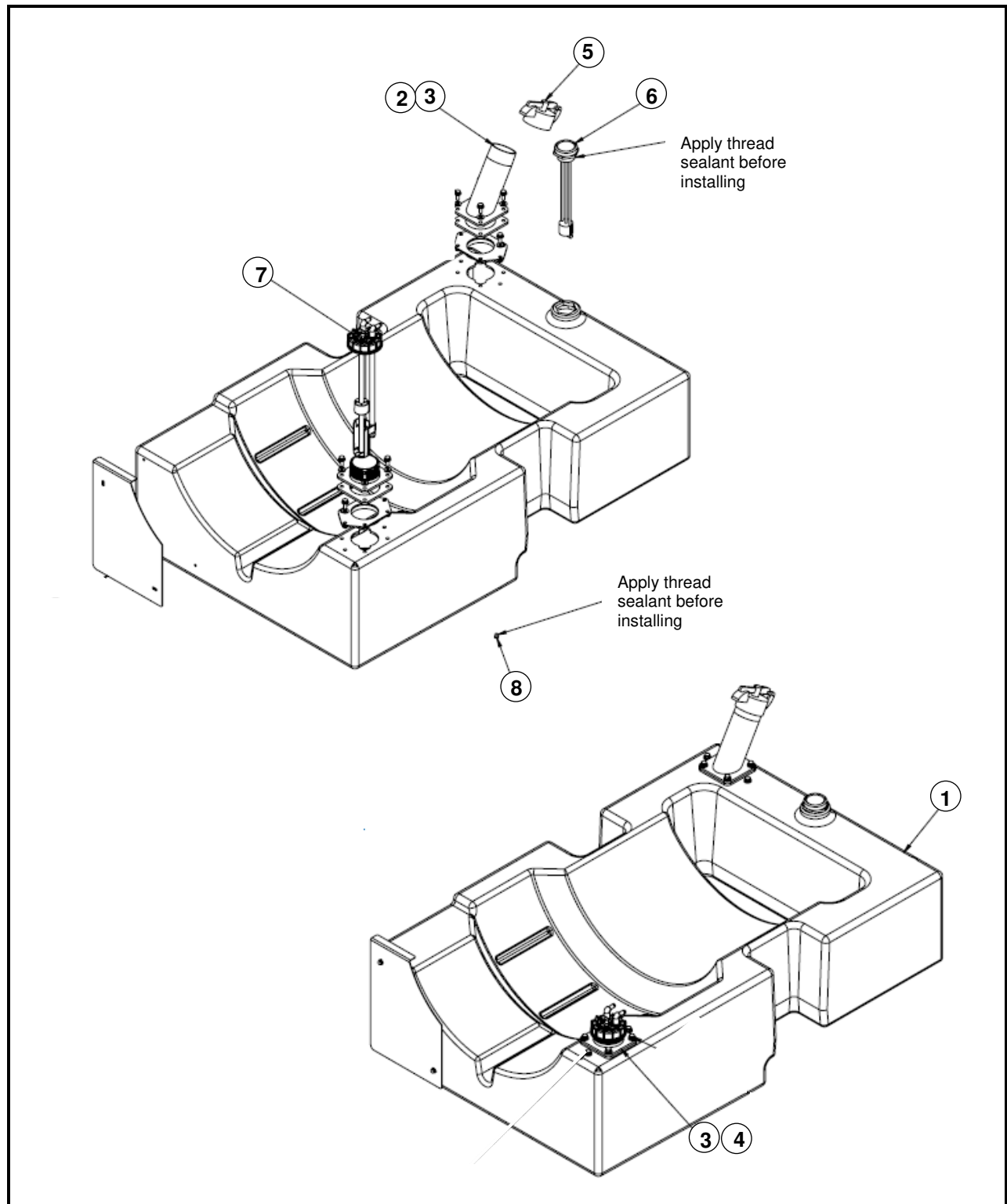


Figure 3-5. Fuel Tank Composite Assembly, 6400 JetEx8 T4 28.5 V DC (Sheet 1 of 2).

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FIGURE - ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	QTY.
3-5-	293395	Fuel Tank Assembly, CP	
1	293090	.Fuel Tank, Machining, Composite CP	1
2	293093	..Gasket, Fuel Neck	2
3	293094	.. Fuel Filler Neck, 2-1/2, NPT Weldment	1
4	293366	..Fuel Sender Nipple	1
5	EB11439	..Proctecto-seal, Fuel Cap Green	1
6	IL11359	..Mechanical Fuel Gauge	1
7	SR11536	..Fuel Sender, w/Coupling Cap	1
8	HV11620	..SAE-2 Plug	2
*Item not illustrated			

Figure 3-5. Fuel Tank Composite Assembly, 6400 JetEx8 T4 28.5 V DC (Sheet 2 of 2).

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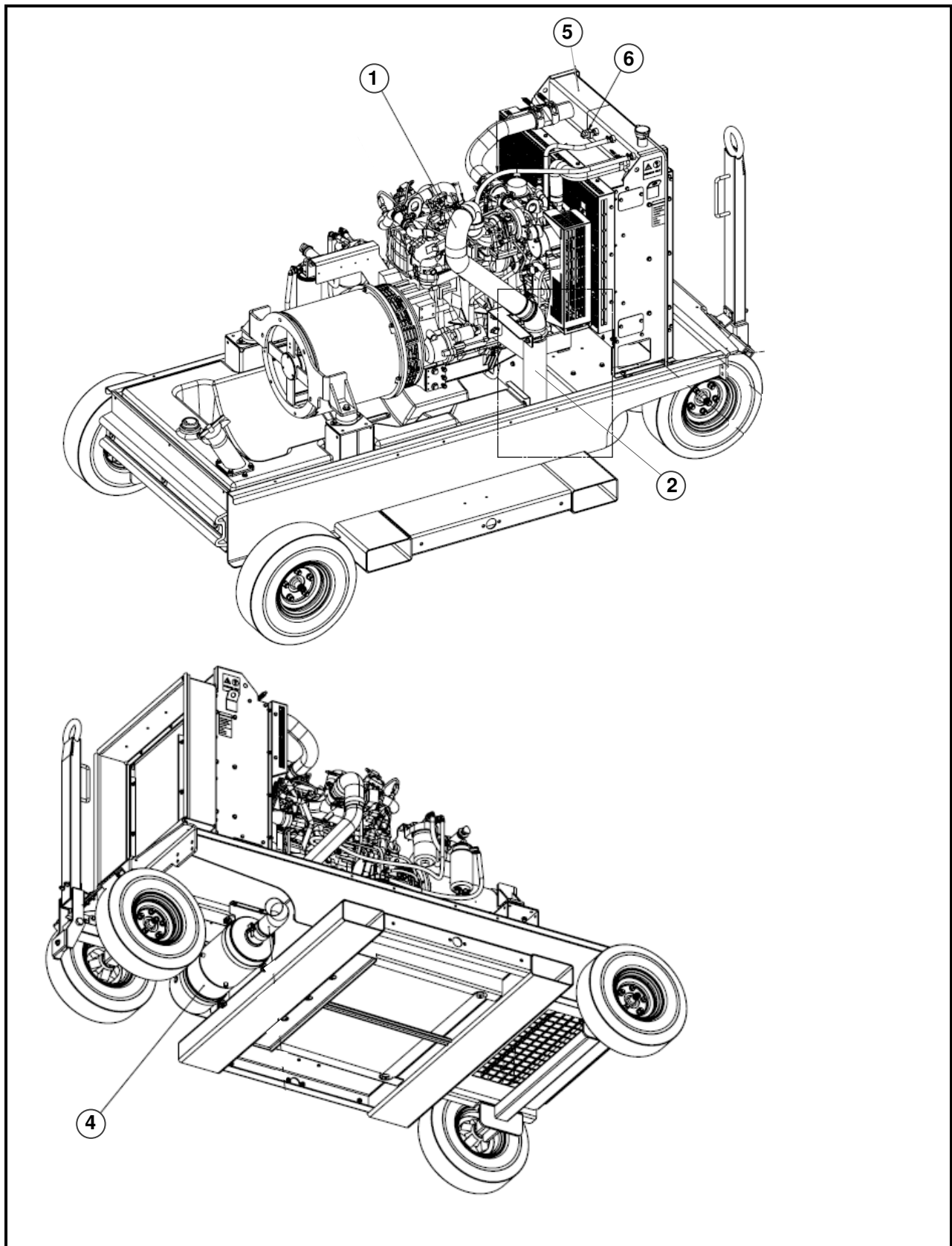


Figure 3-6. Radiator Exhaust Installation, 6400 JetEx8 T4 28.5 V DC (Sheet 1 of 2).

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FIGURE - ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	QTY.
3-6-	293131	Genset / Fuel Tank Installation, 6400-T4	REF
1	293448	..Exhaust Manifold Pipe W/ Thermo Jacket Assembly	1
2	293447	..Muffler Pipe W/ Thermo Jacket	1
3	*A048Y154	..DOC, JETEX8	1
4	EB11484	..Tail Pipe 3" ID-OD	1
5	293275	..Radiator Kit	1
6	AA6380	..Sensor Coolant Level, 3 Pin	1
*Item not illustrated			

Figure 3-6. Radiator Exhaust Installation, 6400 JetEx8 T4 28.5 V DC (Sheet 2 of 2).

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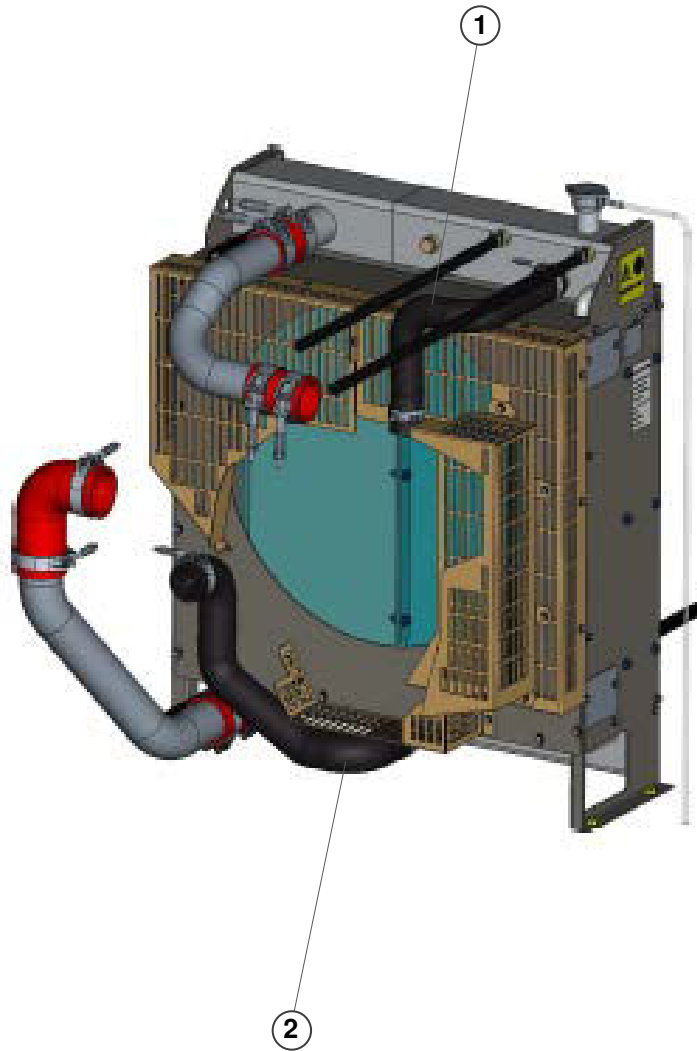


Figure 3-7. Coolpack, Radiator Assembly 6400 JetEx8 T4 28.5 V DC (Sheet 1 of 2).

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FIGURE - ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	QTY.
3-7-	293275	Coolpack, Radiator Assembly	REF
1	888001189	..JW Top Hose	1
2	888001190	..JW Bottom Hose	1

Figure 3-7. Coolpack, Radiator Assembly 6400 JetEx8 T4 28.5 V DC (Sheet 2 of 2).

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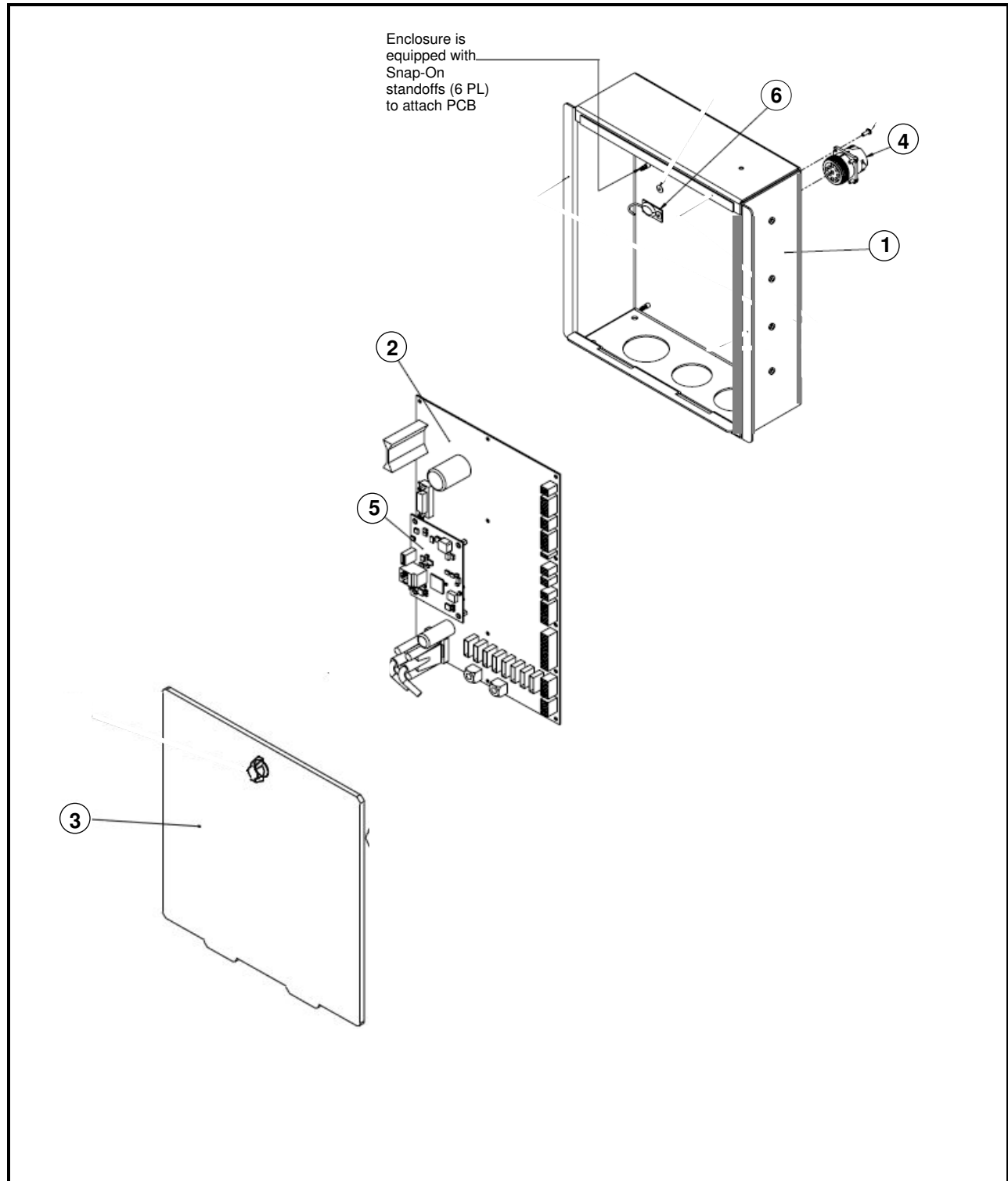


Figure 3-8. Control Module Box Assembly 6400 JetEx8 T4 28.5 V DC (Sheet 1 of 2).

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FIGURE ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	QTY.
3-8-	293303	Control Module Box Assembly 6400-T3 / T4	REF
1	293249	.Control Box	1
2	AP-579542	..Interface Board 12V System	1
3	293026	..Control Box Cover	1
4	293211	...Cummins Dongle Harness	1
5	AP-579526-64	..Control Board	1
6	AP-579533	..EEPROM Board	1
	*293194	.Engine Drive Schematic	REF
		* Item Not Illustrated	

Figure 3-8. Control Module Box Assembly 6400 JetEx8 T4 28.5 V DC (Sheet 2 of 2).

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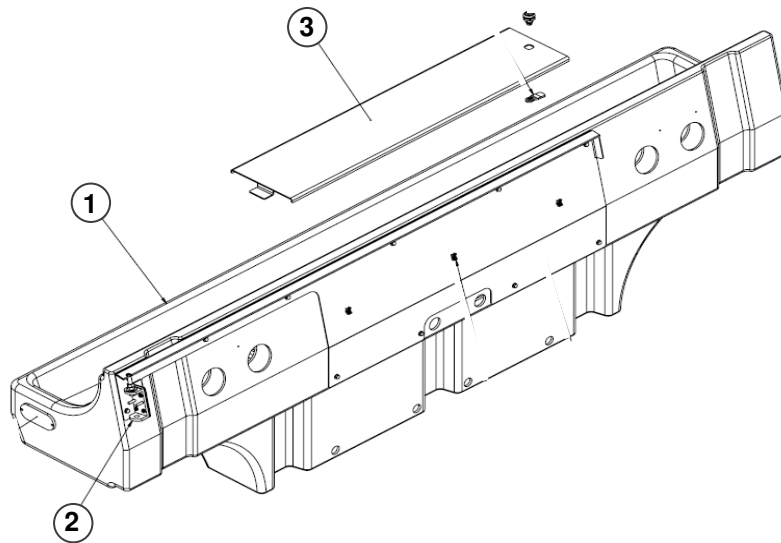


Figure 3-9. Cable Tray Assembly, Left Side Common Platform (Sheet 1 of 2).

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FIGURE ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	QTY.
3-9	*293086	Cable Tray, Assembly, Left Side	REF
	*293087	Cable Tray Assembly, Right Side	REF
	1 293085	Cable Tray, Symmetrical	1
	2 293193	..Compression Latch, Modified	1
	3 293013	..Battery Cover	1

Figure 3-9. Cable Tray Assembly, Left Side Common Platform (Sheet 2 of 2).

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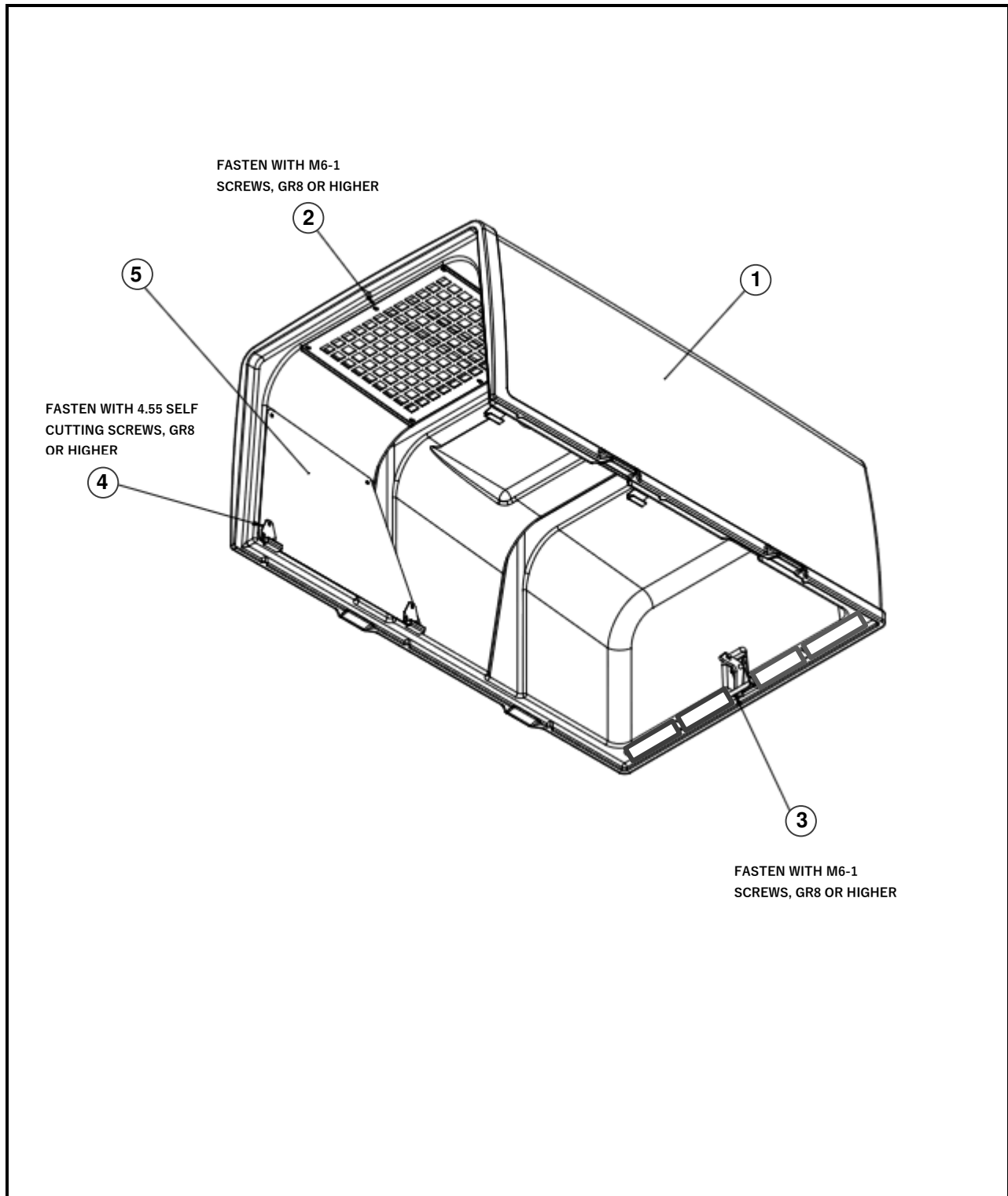


Figure 3-10. Top Canopy, Composite, Assembly Common Platform (Sheet 1 of 2).

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FIGURE ITEM NO.	ITW GSE PART NO.	NOMENCLATURE	QTY.	
3-10-	1	293084	Top Canopy, Composite, Assembly	REF
	2	293020	..Panel, Top Grid	1
	3	293078	...Latch Assembly, Top Canopy	1
	4	293018	...Hook Slide, Main Canopy	4
	5	293019	..Heat Shield, Side, Top Canopy	1

Figure 3-10. Top Canopy, Composite Assembly Common Platform (Sheet 2 of 2).