

REPLACEMENT PARTS FOR HDT MTRCS



HDT Fully Mission Capable Packs are a convenient way to order common replacement parts for the HDT Multi-Temperature Refrigerated Container System (MTRCS). Packs for critical components, routine maintenance or as standby replacement parts are available.

There are three generations of MTRCS – each generation can be distinguished by . . .

PMCS Pack

The PMCS pack contains air, oil and fuel filters as well as a belt set and will support PMCS on one (is that correct?) MTRCS.

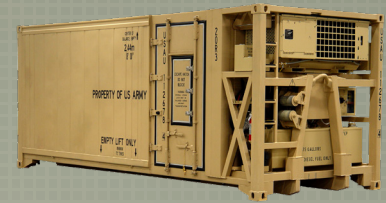
LEVEL I Pack

Level I parts are considered critical for successful operation of the MTRCS and should be kept on-hand to ensure that the MTRCS is fully mission capable. Parts include cable assemblies, pressure switches, electrical assemblies, as well as cooling and evaporator components.

LEVEL II Pack

Level II parts are recommended parts. The MTRCS will remain operable if these components fail, but performance of the MTRCS would be compromised. Parts include data sensors, light assemblies and dust covers.

AFTERMARKET SUPPORT FOR:



MTRCS 01



MTRCS 02



MTRCS 03

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PMCS		
Item	Part Number	NSN
Filter Set	182K0000-FIL	
Filter Element (Engine Air)	30-60049-20	4130-01-573-9882
Filter Element, Fluid (Engine Oil)	30-00323-00	2910-01-574-2019
Filter, Fluid (Fuel)	30-01090-05	2940-01-573-9255
Filter Element, Fluid (Fuel Strainer)	30-01108-20	2910-01-583-1326
MTRCS 01 Belt Set (3 Pulley)	182K0000-3P	
Belt-V, Water Pump (3 Pulley)	25-33023-00	3030-01-574-4162
Belt- V, Alternators / Standby Motor	50-01169-03	
Belt-V, Standby Motor to Compressor (Matched Set)	50-01170-50	3030-01-574-4787
Belt-V, Engine to Compressor	50-01166-01	3030-01-574-4777
MTRCS 01 Belt Set (2 Pulley)	182K0000-2P	
Belt-V, Water Pump (2 Pulley)	50-60329-02	
Belt- V, Alternators / Standby Motor	50-01169-03	
Belt-V, Standby Motor to Compressor (Matched Set)	50-01170-50	3030-01-574-4787
Belt-V, Engine to Compressor	50-01166-01	3030-01-574-4777
MTRCS 02 Belt Set (3 Pulley)	182K1000-3P	
Belt-V, Water Pump (3 Pulley)	25-33023-00	3030-01-574-4162
Belt- V, Alternators / Standby Motor	50-01169-01	
Belt-V, Standby Motor to Compressor (Matched Set)	50-01170-50	3030-01-574-4787
Belt-V, Engine to Compressor	50-01166-01	3030-01-574-4777
MTRCS 02 Belt Set (2 Pulley)	182K1000-2P	
Belt-V, Water Pump (2 Pulley)	50-60329-02	
Belt- V, Alternators / Standby Motor	50-01169-01	
Belt-V, Standby Motor to Compressor (Matched Set)	50-01170-50	3030-01-574-4787
Belt-V, Engine to Compressor	50-01166-01	3030-01-574-4777
Fuel Water Separator Technical Bulletin	182K1687-KIT	

Level I					
Description	Part Number	NSN	Description	Part Number	NSN
Temperature Chart Recorder	182K0630-1	6685-01-575-5635	Cable Assembly – P12	182K0554-1	
Recording Instrument Chart (Paper)	99290107	7530-01-577-3454	Cable Assembly – P14	HDP26-18-8SEL017	5935-01-575-0322
Recording Pen (Red Ink)	R25-6		Cable Assembly, Evaporator (Front / Comp1)	182K1086-1	
Recording Pen (Green Ink)	R25-5	7520-01-591-2420	Cable Assembly, Evaporator (Rear / Comp2)	182K1086-2	
Cable Assembly, P1A (Main Power)	182K0023-1		Wire Assembly – Engine Alternate to Filters	182K0619-1	
Cable Assembly, P1B (Pigtail)	182K0025-1	6150-01-575-6387	Connector – P13	GTS06RV24-11P	5935-01-575-0240
Cable Assembly, PDISE Adapter	182K2012-1		Connector – J13	GTS01RV24-11S	5935-01-575-0247
Cable Assembly – J3	182K0624-1	6150-01-575-6045	Connector – J14	HDP24-18-8PEL017	5935-01-575-9266
Cable Assembly – J4	182K0625-1		12VDC Storage Battery	500K2924	
Cable Assembly – J5	182K1621-1	6150-01-601-1743	Battery Terminal Adapter (Negative)	A52425-2	5940-00-549-6583
Cable Assembly – J6	182K0620-1	6150-01-574-7157	Battery Terminal Adapter (Positive)	A52425-1	5940-00-549-6581
Cable Assembly – J9	182K0628-1	6150-01-574-6739	Wiring Assembly – Positive (+)	182K0614-1	6150-01-575-3654
Cable Assembly – J10	182K0629-1		Wire Assembly – Negative (-)	182K0615-1	6150-01-575-3638
Cable Assembly – J11	182K0623-1	6150-01-575-3460	Rain Cap, Engine	182K2669	
Cable Assembly – J13	182K1016-1		Exhaust Elbow (Painted)	182K0092	
Cable Assembly – P3	182K0643-1		14 V (70 AMP) Alternator	30-01114-07	2920-01-569-3035
Cable Assembly – P4	182K0644-1		Alternator Filter Assembly 14VDC	182K0107-1	
Cable Assembly – P5	182K0645-1		Solenoid, Electrical (Speed Solenoid) (MTRC01 ONLY)	10-60018-00	5945-01-574-9918
Cable Assembly – P6	182K0646-1		Transmitter, Pressure (Suction Pressure)	12-00283-00	6685-01-438-2937
Cable Assembly – P7	182K0647-1		Pressure Switch (HP1)	12-00309-04	5930-01-573-7964
Cable Assembly – P8	182K0648-1		Pressure Switch (HP2)	12-60032-05	5930-01-573-7963
Cable Assembly – P9	182K0649-1		Pressure Switch (Engine Oil) (MTRCS01 Only)	12-00456-00	5930-01-574-7431

REPLACEMENT PARTS FOR HDT MTRCS



Level I (Continued)					
Description	Part Number	NSN	Description	Part Number	NSN
Pressure Switch (Engine Oil) (MTRCS02 Only)	12-00592-01		Electrical Coil (Man Heat Valve) (MTRCS02 Only)	22-02579-00	5950-01-536-4797
Filter-Drier, Refrigerant	14-00326-03	4130-01-536-4787	Gasket and Seal Set (Heat Valve) (MTRCS02 Only)	14-00352-20	
Solenoid Valve Parts Kit (Heat Valve) (MTRCS01 Only)	16-60001-00	4810-01-574-3994	Solenoid Unloader Valve Repair Kit	17-40418-00	4810-01-574-2069
Push-Pull Emergency Stop Switch	182K0626-1	5930-01-574-9201	Preformed Hose (Coolant)	25-15217-00	4720-01-573-9299
Solenoid, Electrical (Run Solenoid)	25-15230-01	5945-01-574-7362	Glow Plug	25-39835-00	
Fuel Assembly Tank	182K0013-1		Evaporator, Front / Comp 1 (Altered)	182K0574-1	4130-01-574-6870
Gasket and Seal Kit (Heat Valve) (MTRCS01 Only)	16-60001-01	5330-01-574-2013	Evaporator, Rear / Comp 2 (Altered)	182K0574-3	4130-01-574-4208
Solenoid Valve Parts Kit (Heat Valve) (MTRCS02 Only)	14-00352-00		Microprocessor EMI Box	182K1018	

Level I (continued) – Electrical Components					
Description	Part Number	NSN	Description	Part Number	NSN
MTRCS01 Electrical Components			MTRCS02 Electrical Components		
Electrolytic Fixed Capacitor (C4/C5)	10-60038-10	5910-01-574-9109	Electrolytic Fixed Capacitor (C1, C2, C3)	10-60008-36	
Electrolytic Fixed Capacitor (C1, C2, C3)	10-60008-32		Magnetic Contactor	10-00433-05	6110-01-602-9106
Socket, Plug-in Electronic Component (K1)	27E891	5935-01-274-5170	Overload Relay	10-00473-06	
Electromagnetic Relay (K1)	VMP012D	5945-01-574-7423	Fuses		
Magnetic Contractor (Electrical Box)	10-60050-00	6110-01-575-2765	20A (F8, F9, F10)	22-02336-01	
Fuses			5A (F2, F4, F6, F11)	22-02336-02	5920-01-574-9149
3.15 AMP (F21/22)	22-60102-17		3A (F6, F12, F13)	22-02336-03	
4 amp (F11)	22-02336-11	5920-01-574-9119	10A (F5)	22-02336-04	5920-01-574-8560
5 amp (F2)	22-02336-02	5920-01-574-9149	15A (F3)	22-02336-06	5920-01-574-7426
25 amp (F3)	22-02336-05	5920-01-574-7428	80 amp (F1)	22-60340-04	
15 mp (F4)	22-02336-06	5920-01-574-7426	Electromagnetic Relay (UFR1,2)	10-00286-02	5945-01-574-7429
7.5 amp (F5)	22-02336-08	5920-01-574-8639	Electromagnetic Relay (RR, GPR, SSR, DER, EFMR1/2/3 RELAY, 12VDC)	10-00286-04	5945-01-574-7427
10 amp (F7,8)	22-02336-04	5920-01-574-8560	Electromagnetic Relay (RCR, HR1, SR, HER, UFR RELAY, 12V)	10-00385-03	5945-01-574-7378
6.3 amp (F12-F17)	22-60102-07	5920-01-574-8574	Electromagnetic Relay (FLR, 1/2EMR)	10-01176-00	5945-01-574-7425
80 amp (F1)	22-60340-04		Logic Board (MPC)	12-00650-12	5998-01-603-9105
Semiconductor Device, Diode (DB1,2,3)	10-00319-00	5961-01-574-9101	Circuit Card Assembly (Relay Board)	12-00502-03	5998-01-604-5773
Logic Board (MPC)	12-00368-05RP	5998-01-575-5045	Authorized Storage List Kit	182K0067	
Circuit Card Assembly (DPS)	12-60003-01	6998-01-574-9902			
Magnetic Contactor (1/2EHR)	10-00471-01	6110-01-575-3442			
Overload Relay (HYBRID)	91-60104-04	5945-01-574-9164			
Electromagnetic Relay (CAR, DCR)	10-00214-00	5945-01-574-7378			
Electromagnetic Relay (RCR, SR, 1DR, 1RR, 1CR, 1HGR, GPR, DER, 2DR, 2RR, 2CR, 2HGR, SSR, MHR)	10-00286-04	5945-01-574-7427			
Electromagnetic Relay (UFR1,2)	10-00286-02	5945-01-574-7429			
Electromagnetic Relay (FLASHING)	10-01176-00	5945-01-574-7425			

REPLACEMENT PARTS FOR HDT MTRCS



Level II			
Description	Part Number	NSN	
Cover Row 1 and Row 2 (Cargo Nets)	500K3263		Battery Pan Weldment
Cover Row 3 and Row 4 (Cargo Nets)	500K3264		Military Fuel Can 20 Liter Cap
Support, Shipping and Storage Container (Cargo Net Holder)	182K0358-1	8145-01-574-9191	Dry Chemical Fire Extinguisher
Cargo Straps (Red)	500K3275		Adjustable Wrench
Belt Tension Tester	TESTIFIER-162	5210-01-577-5171	Lamp Assembly (Large Light Bar Assembly)
Canvas Cover (Power Box)	500K3265	2540-01-641-1320	LED Light Bar (Red)
Canvas Cover (RU)	182K0418-3	8340-01-579-3755	White Lights and Plate Mounting
Vehicular Partition Body Panel (Roadside)	500K3171-1		Incandescent Lamp (Fuel Level)
Front Wall Cargo Net Support	182K0181-1		Light Lens (Red) (Fuel Level)
Vehicular Partition Body Panel (Curbside)	500K3171-2		Light Lens (Green) (Fuel Level)
Cargo Net Support (3 Ring)	182K0375-1		Lock Pin (TCR)
Padlocks (Keyed Alike)	A5202GLW N KA		Gas Cap Cover (Rubber)
Padlocks (Keyed Alike)	AA59486-2AS01LE2S		GASKET (Outlet on Top of Fuel Tank)
Battery Box	500K3143	6160-01-575-5668	Fuel Pump Shield EMI Gasket
Vent Plugs, Battery Box Cover	182K1754		Access Cover (Cab Command)
Battery Retainer	182K0381-1	6160-01-575-3151	Engine Oil Drain Assembly (RU)
Flat Washer	MS15795-814	5310-00-773-7618	Access Cover (RU 12 VDC and Fuel Connections)
Self-Locking Hexagon Nut	91831A127	5310-01-475-9244	Fuel Guard Stand Off

Products, product specifications and data are subject to change without notice to improve reliability, function, and/or design. Please contact Customer Service at 800.969.8527 for the most up-to-date product information.

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