

Aftermarket eCoolPark

Service Parts

Updated: 9/22/2026

Legend

eCoolPark = Compressor only (1.0 unit)
eCoolPark XT = Comp/Cond (1.5 unit)

Moon = 12V Eclipse = 24V Sun = 48V

Note: Parts fit all listed unit models unless otherwise specified (highlighted)

eCoolPark (1.0)		
ID	Part Number	Description
	1002725566	CURRENT ECOOLPARK MOON - 12V 1002725566
	1003083936	CURRENT ECOOLPARK ECLIPSE/SUN - 24/48V 1003083936
1	550252	PLASTIC, HIGH SIDE SERVICE PORT CAP
2	550253	PLASTIC, LOW SIDE SERVICE PORT CAP
3	564700	O-RING #8
4	570120	O-RING #6 GREEN
5	572770	O-RING #10
6	607800	NUT, KEPS NO. 8-32
7	610099	NUT, LOCK 8MM
8	651314	SENSOR, TEMPERATURE
9	1000183323	HANDLE, POCKET
10	1000228176	SPACER, NYL 3/8ID X 1/2OD X IH
11	1000338797	SWITCH, COMPRESSOR OVERLOAD
12	1000341855	NUT, 1/4-28 SERRATED HEX FLG
13	1000361421	GROMMET, TOP COMPRESSOR
14	1000377834	O-RING 8.92 X 1.83 HNBR
15	1000402604	GROMMET, 60 DUR COMPRESSOR
16	1000864020	COVER, PROTECTIVE GASKET
17	1000873342	ROTATED CAP
18	1001239680	SCREW - #10-32 X 12.7MM MACHINE
19	1001433139	SCREW - #10-32 X 12.7MM HEX HD CONICAL SEMS
20	1001520264	NUT, M5 X 0.9 BELLEVILLE
21	1002248233	WASHER - 38.4 X 48.1 X 0.5 WAVE
22	1002248234	CONNECTOR, ELECTRICAL - HEX NUT
23	1002452516	AXIAL FAN, COOLING
24a	1000711758	CONTROL, ELECTRICAL COMPRESSOR - 1002725566
24b	1002455387	CONTROL, ELECTRICAL COMPRESSOR - 1003083936
25	1002504227	FAN GUARD - PLASTIC
26	1002513396	WELD ASSY - FAN MOUNT
27	1002513414	WELD ASSY - TOP COVER
28	1002522057	SCREW - #10-14 X 12.7mm TRI-LOBE
29	1002531639	SCREW - #10-14 X 15.9mm PAN HD 6 LOBE
30	1002542433	TRANSDUCER, PRESSURE - HIGH SIDE
31	1002542444	TRANSDUCER, PRESSURE - LOW SIDE

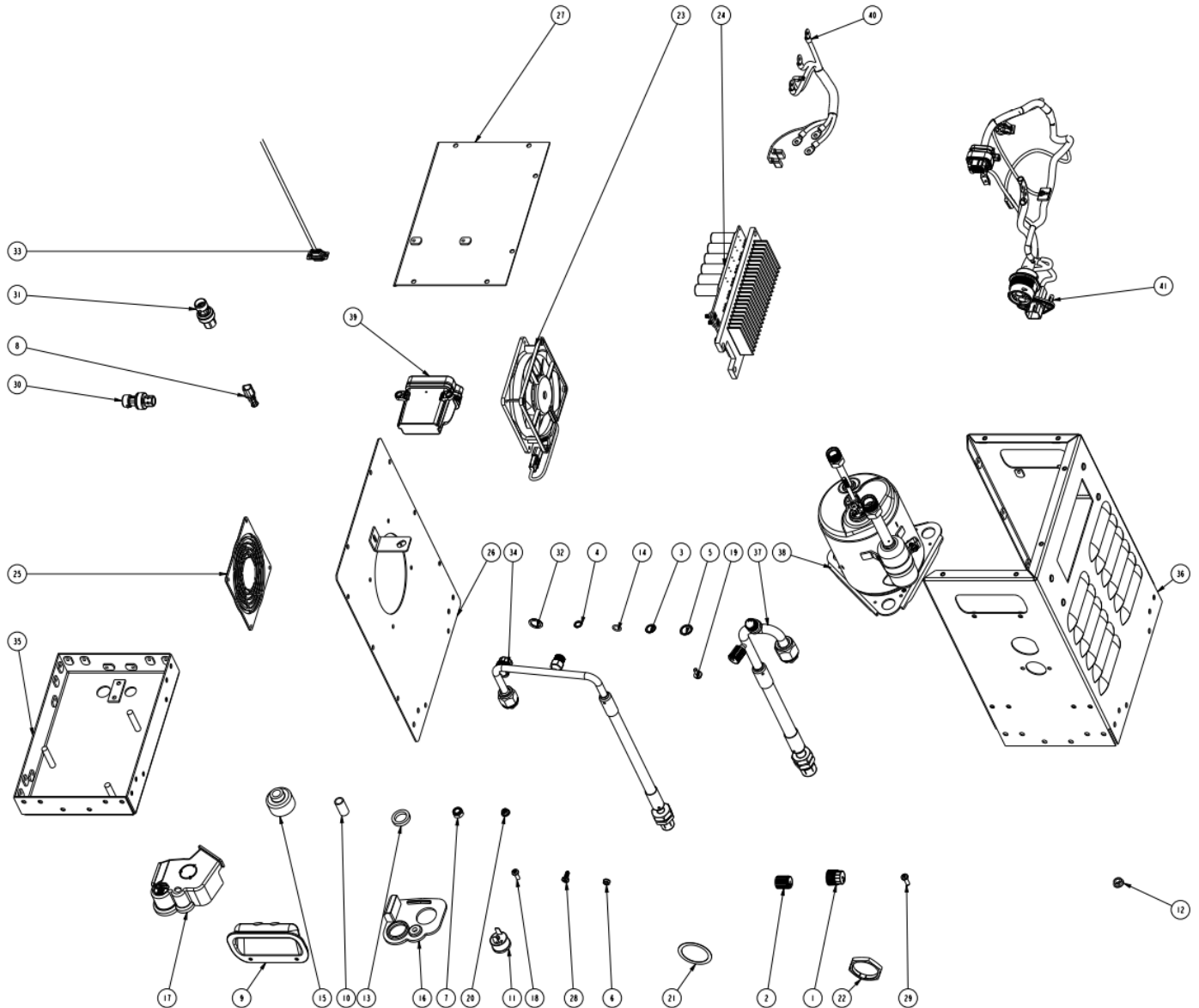
32	1002733131	O-RING, -113 HNBR
34	1002896813	HOSE ASSY, REFRIGERANT - DISCHARGE
35	1003034201	WELD-ASSY - BASE
36	1003034229	WELD-ASSY - CASE
37a	1002896836	HOSE ASSY, REFRIGERANT SUCTION – 1002725566
37b	1003061514	HOSE ASSY, REFRIGERANT SUCTION – 1003083936
38a	1002904433	COMPRESSOR, SERVICE KIT – 1002725566
38b	1003066350	COMPRESSOR, SERVICE KIT – 1003083936
39	1003076386	CONTROL MODULE, ELECTRICAL - ASSEMBLY
40a	1002810768	WIRE HARNESS, COMPRESSOR PHASE – 1002725566
40b	1003078343	WIRE HARNESS, COMPRESSOR PHASE – 1003083936
41a	1002328641	WIRE HARNESS, ECOOLPARK UNIT – 1002725566
41b	1003078344	WIRE HARNESS, ECOOLPARK UNIT – 1003083936

Non-Assembly Components

1	600283	SCREW, SELF DRILL
2	1000021465	FITTING – STRAIGHT FEMALE ORING #6
3	1000021519	FITTING, STRAIGHT FEMALE ORING #8
4	1000021997	FITTING, NO 6 90 FEM O-RING
5	1000022005	FITTING, NO 8 90 FEM O-RING
6	1000025384	CLAMP ASSEMBLY, NO 6 HOSE RED
7	1000025389	CLAMP ASSEMBLY, NO 8 HOSE BLACK
8	1000197772	CLAMP ASSEMBLY, NO 12 HOSE GREEN
9	1001972845	CHECK VALVE BACKER PLATE
10	1002030022	CHECK VALVE, REFRIGERANT
11	1002060468	CABLE TIE - FAN MOUNT
12	1002076692	SCREW, SHCS M6-1.0X16 SS
13	1002145584	WIRE HARNESS - KW,PB CAN JUMPER
14	1002146846	WIRE HARNESS - DTNA CAN JMPR
15	1002153145	WIRE HARNESS - NAVISTAR CAN JUMPER
16	1002346508	WIRE HARNESS - ECOOL MAIN VEHICLE
17	1002368371	WIRE HARNESS - ECOOL IGNITION
19	1002436457	TUBE, STEEL – COMPRESSION FITTING STRAIGHT #6
20	1002436458	TUBE, STEEL – COMPRESSION FITTING STRAIGHT #8
21	1002436489	TUBE, STEEL – COMPRESSION FITTING 45 DEG #8
22	1002436492	TUBE, STEEL – COMPRESSION FITTING 90 DEG #8
23	1002436498	TUBE, STEEL – COMPRESSION FITTING 45 DEG #6
24	1002452550	TUBE, STEEL – COMPRESSION FITTING STRAIGHT #12
25	1002473790	TUBE, STEEL – COMPRESSION FITTING STRAIGHT #14
26	1002609482	WIRE HARNESS - OBDII CAN JUMPER
27	1002614788	TUBE, STEEL – COMPRESSION FITTING 45 DEG #12
28	1002614794	CLAMP - NO 14 HOSE
29	1002615431	TUBE, STEEL – COMPRESSION FITTING 90 DEG #12
30	1002615434	TUBE, STEEL – COMPRESSION FITTING 45 DEG #14
31	1002615489	TUBE, STEEL – COMPRESSION FITTING 90 DEG #14
32	1002631933	FITTING, STEEL - NO 8-8-6 T SPLICER

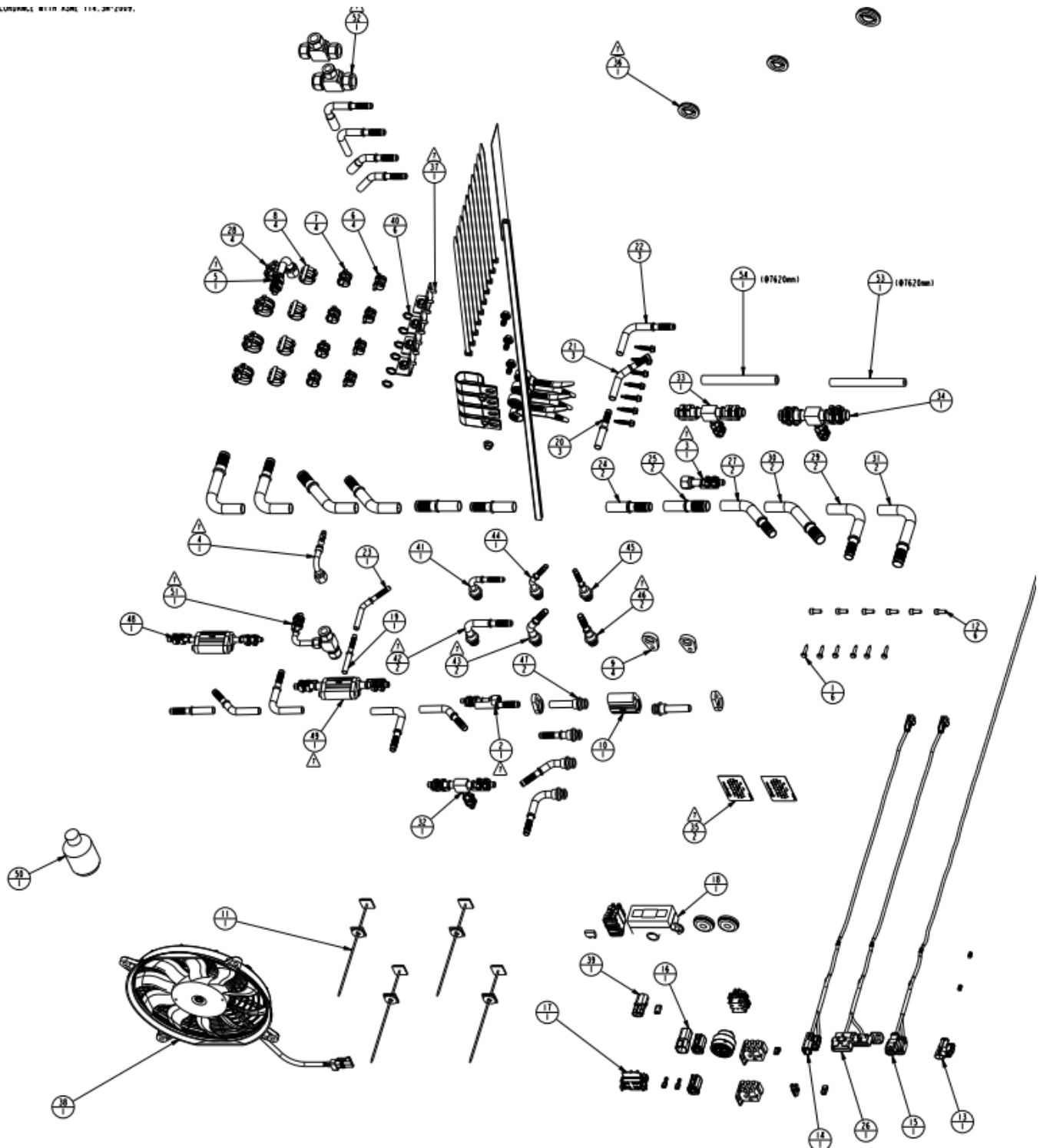
33	1002631947	FITTING, STEEL - NO 12-12-8 T SPLICER
34	1002631959	FITTING, STEEL - NO 14-14-8 T SPLICER
35	1002688919	DECAL - ECOOLPARK CHARGE BLANK
36	1002694868	KIT, HVAC - HOSE ROUTING
37	1002698610	KIT, HVAC - eCoolPark 1.0 MNT BRKT
39	1002727241	WIRE HARNESS - UNIVERSAL CONDENSER
40	1002733131	O-RING - -113 HNBR
41	1002753992	TUBE ASSY, STEEL - 90° CV TO - 6H
42	1002753993	TUBE ASSY, STEEL - 90° CV TO - 8H
43	1002753996	TUBE ASSY, STEEL - 45° CV TO -8H
44	1002753999	TUBE ASSY, STEEL - 45° CV TO -6H
45	1002754000	TUBE ASSY, STEEL - CV TO -6H
46	1002754003	TUBE ASSY, STEEL - CV TO -8H
47	1002754031	TUBE ASSY, STEEL - CV TO 1/2IN
48	1002783102	CHECK VALVE ASSEMBLY #6 HOSE
49	1002907693	CHECK VALVE ASSEMBLY #8 HOSE
50	1002973160	LUBRICANT - PAG 46-H 4OZ
51	1003041531	COMPRESSION FITTING ASSEMBLY, HIGH SIDE
52	1003042113	COMPRESSION FITTING ASSEMBLY, LOW SIDE
53	1001260067	HOSE, #6 4890 REDUCED BARRIER
54	1001260070	HOSE, #8 4890 REDUCED BARRIER
	1002786062	FITTING – SUCTION BLOCK TEE , REAR TAHOE TXV SPLICE
	1002784744	FITTING – DISCHARGE TEE ASSEMBLY TAHOE
	1002280759	SHEET METAL COMPONENT – MOUNTING PLATE TAHOE
	1002387082	WIRE HARNESS – TAHOE CONDENSER

eCoolPark (1.0) Unit



eCoolPark (1.0) Installation Kit (Non-Assembly)

ILLUSTRATION WITH ADMS 116, 20" (2009)



eCoolPark XT (1.5)

ID	Part Number	Description
	SEE TABLE	CURRENT ECOOLPARK MOON XT – 12V
	SEE TABLE	CURRENT ECOOLPARK ECLIPSE XT – 24V
	SEE TABLE	CURRENT ECOOLPARK SUN XT – 48V
1	514100	WASHER - NO. 10-M5 FLAT
2	591070	HOLE PLUG, 1.5in DIA. BLCK PLSTC
3	621490	NUT, #10-32 KEPS
4	652516	FUSE - 5 AMP TAN
5	1000058887	FUSE - 15 AMP BLUE
6	1000173103	WASHER, M6 FLAT SS
7	1000183323	HANDLE, POCKET
8	1000226253	NUT, M8, CONICAL KEPS
9	1000452435	FUSE - MIDI 60A
10	1000646415	SCREW - #8-16 X 19.1mm TRI-LOBE
11	1001239680	SCREW - #10-32 X 12.7mm MACHINE
12	1001285920	SEAL, SLIMLINE
13	1001403588	CONNECTOR, ELECTRICAL - MIDI FUSE 400A
14	1001433139	SCREW - #10-32 X 12.7mm HEX HD CONICAL SEMS
15	1001519699	NUT - M6 X 1 BELLEVILLE
16a	652541	MICRO RELAY – 12V & 48V
16b	1001840953	RELAY, MICRO 280 FORM 1C – 24V
17	1002076692	SCREW, SHCS M6-1.0X16 SS
18	1002169164	SEAL, 6.35X12.7X360
19	1002248233	WASHER - 38.4 X 48.1 X 0.5 WAVE
20	1002248234	CONNECTOR, ELECTRICAL - HEX NUT
21	1002355556	SCREW - #6-32 X 9.5mm PAN HD
22a	1002647328	CONTROL MODULE, ELECTRICAL COMPRESSOR – 12V
22b	1002414795	CONTROL MODULE, ELECTRICAL COMPRESSOR – 24V & 48V
23a	1002516634	SHEET METAL COMPONENT - TOP COVER – 12V
23b	1002432609	SHEET METAL COMPONENT - TOP COVER – 24V & 48V
24	1002507879	SCREW - M5-0.8 X 8mm 6 LOBE SS
25	1002531639	SCREW - #10-14 X 15.9mm PAN HD 6 LOBE
26	1002542433	TRANSDUCER, PRESSURE - HIGH SIDE
27	1002542444	TRANSDUCER, PRESSURE - LOW SIDE
28	1002577129	SHEETMETAL COMPONENT - COVER - GROMMET
29	1002582632	SEAL, 6.35 X 12.7 X 460
30a	1002885332	CONDENSER ASSEMBLY - COIL SUB-ASSY – 12V
30b	1002606067	CONDENSER ASSEMBLY - COIL SUB-ASSY – 24V & 48V
31	1002613963	SHEET METAL COMPONENT - MOUNTING PLATE
32a	1002516383	WELD-ASSY - SUB HOUSING – 12V
32b	1002705177	WELD-ASSY - SUB HOUSING – 24V & 48V
34	1002868606	O-RING - 3 X 11 HNBR

35	1002877437	SOLENIOD VALVE - 10mm
36	1002880916	WELD-ASSY - SUPPORT BRACKET
37a	1002972830	KIT, HVAC - ECOOLPARK COMPRESSOR – 12V
37b	1002884198	KIT, HVAC - ECOOLPARK COMPRESSOR – 24V & 48V
38	1003076386	CONTROL MODULE, ELECTRICAL - ASSEMBLY
39a	1002887310	HOSE ASSY, REFRIGERANT – DISCHARGE – 12V
39b	1003017802	HOSE ASSY, REFRIGERANT – DISCHARGE – 24V & 48V
40a	1002887291	HOSE ASSY, REFRIGERANT - LIQUID LINE – 12V
40b	1003017835	HOSE ASSY, REFRIGERANT - LIQUID LINE – 24V & 48V
41a	1002887062	HOSE ASSY, REFRIGERANT – SUCTION – 12V
41b	1003017837	HOSE ASSY, REFRIGERANT – SUCTION – 24V & 48V
42a	1002865848	WELD-ASSY - CONDENSER MNT – 12V
42b	1003041396	WELD-ASSY - CONDENSER MNT – 24V & 48V
42c	1004076352	WELD-ASSY - CONDENSER MNT – 48V
43	1003060965	PLASTIC, INJECTION MOLDED - COVER CAPPED MOTOR
44	1003075940	KIT, HVAC - DESICANT BAG & FILTER
45a	1002540647	WELD-ASSY – BASE – 12V
45b	1003089309	WELD-ASSY – BASE – 24V & 48V
46a	1002712150	AXIAL FAN - 12" – 12V
46b	1003089420	AXIAL FAN - 12" – 24V
46c	1004002079	AXIAL FAN – 12" – 48V
47a	1002885268	WIRE HARNESS - 12V eCOOL UNIT – 12V
47b	1003099510	WIRE HARNESS - 24V eCOOL UNIT – 24V
47c	1004478722	WIRE HARNESS - 48V eCOOL UNIT – 48V

Non-Assembly Components

1	600283	SCREW, SELF DRILL
2	1000021465	FITTING – STRAIGHT FEMALE ORING #6
3	1000021997	FITTING, NO 6 90 FEM O-RING
4	1000025384	CLAMP, #6 HOSE RED
5	1000025389	CLAMP, #8 HOSE BLACK
6	1000197772	CLAMP, #12 HOSE GREEN
7	1001972845	CHECK VALVE CONNECTION BACKER PLATE
8	1002030022	CHECK VALVE, REFRIGERANT
9	1002076692	SCREW, SHCS M6-1.0X16 SS
10	1002145584	WIRE HARNESS - KW, PB CAN JUMPER
11	1002146846	WIRE HARNESS - DTNA CAN JMPR
12	1002153145	WIRE HARNESS - NAVISTAR CAN JUMPER
13	1002368371	WIRE HARNESS - ECOOL IGNITION
15	1002436457	TUBE, STEEL – COMPRESSION FITTING STRAIGHT #6
16	1002436458	TUBE, STEEL – COMPRESSION FITTING STRAIGHT #8
17	1002436489	TUBE, STEEL – COMPRESSION FITTING 45 DEG #8
18	1002436492	TUBE, STEEL – COMPRESSION FITTING 90 DEG #8
19	1002436498	TUBE, STEEL – COMPRESSION FITTING 45 DEG #6
20	1002452550	TUBE, STEEL – COMPRESSION FITTING STRAIGHT #12
21	1002473790	TUBE, STEEL – COMPRESSION FITTING STRAIGHT #14

22a	1002547762	WIRE HARNESS - MAIN VEHICLE COMP CO – 12V
22b	1002885669	WIRE HARNESS - MAIN VEHICLE COMP CO – 24V & 48V
23	1002609482	WIRE HARNESS - OBDII CAN JUMPER
24	1002614788	TUBE, STEEL – COMPRESSION FITTING 45 DEG #12
25	1002614794	CLAMP - NO 14 HOSE
26	1002615431	TUBE, STEEL – COMPRESSION FITTING 90 DEG #12
27	1002615434	TUBE, STEEL – COMPRESSION FITTING 45 DEG #14
28	1002615489	TUBE, STEEL – COMPRESSION FITTING 90 DEG #14
29	1002631933	FITTING, STEEL - NO 8-8-6 T SPLICER
30	1002631947	FITTING, STEEL - NO 12-12-8 T SPLICER
31	1002631959	FITTING, STEEL - NO 14-14-8 T SPLICER
32	1002688919	DECAL - ECOOLPARK CHARGE BLANK
33	1002694868	KIT, HVAC - HOSE ROUTING
34	1002702195	KIT, HVAC - TEMP SENSOR
35	1002733131	O-RING - -113 HNBR
36	1002753992	TUBE ASSY, STEEL - 90° CV TO - 6H
37	1002753993	TUBE ASSY, STEEL - 90° CV TO - 8H
38	1002753996	TUBE ASSY, STEEL - 45° CV TO -8H
39	1002753999	TUBE ASSY, STEEL – 45° CV TO -6H
40	1002754000	TUBE ASSY, STEEL - CV TO -6H
41	1002754003	TUBE ASSY, STEEL - CV TO -8H
42	1002754031	TUBE ASSY, STEEL - CV TO 1/2IN
43	1002783102	CHECK VALVE ASSEMBLY #6 HOSE
44	1002907156	FITTING, STEEL – SOLENOID STRAIGHT
45	1002907693	CHECK VALVE ASSEMBLY #8 HOSE
46	1002908950	FITTING, STEEL – SOLENOID 90 DEG
47	1002973160	LUBRICANT - PAG 46-H 4OZ
48	1003041531	COMPRESSION FITTING ASSEMBLY, HIGH SIDE
49	1003042113	COMPRESSION FITTING ASSEMBLY, LOW SIDE
50	1001260070	HOSE, #8 4890 REDUCED BARRIER
51	1001260067	HOSE, #6 4890 REDUCED BARRIER

Misc. Electrical Components – Any System

	1000247779	CONNECTOR, BUTT STEP 14-16 TO 18-20
	1000230085	FUSE, 5A ATO
	B223106	FUSE, 20A
	1001268663	FUSE, MEGA 80A RED
	1002404439	FUSE, “ADD-A”
	1002404448	FUSE, 5A MICRO
	520260	GROMMET, FLEXIBLE
	B223109	HOLDER, ATO FUSE
	1000174286	HOLDER, FUSE MEGA BOLT-ON
	1002404450	LIGHT, INDICATOR
	1002839006	PROGRAMMING SERVICE KIT

	651459	RELAY, ISO
	1002618099	SWITCH, ROCKER
	670136	TERMINAL, RING 5/16 4 GAUGE
	670137	TERMINAL, RING 3/8 4 GAUGE
	1000247777	TERMINAL, 3/8 RING 14-16 GAUGE SEALED
	1000247778	TERMINAL, 3/8 RING 18-20 GAUGE SEALED
	1001268595	TERMINAL, 12-10 BUTT SPLICE
	651462	TUBING, HEAT SHRINK

*** Not pictured in exploded view**

Old/Obsolete Unit Part Numbers:

eCoolPark Moon (12V) – **1002416180** (prior to June 2022), **1002813709** (June 2022 – April 2024)

eCoolPark Moon (12V) XT – **1002416174** (prior to Oct 2022), **1002867189** (Oct 2022 – Dec 2023)

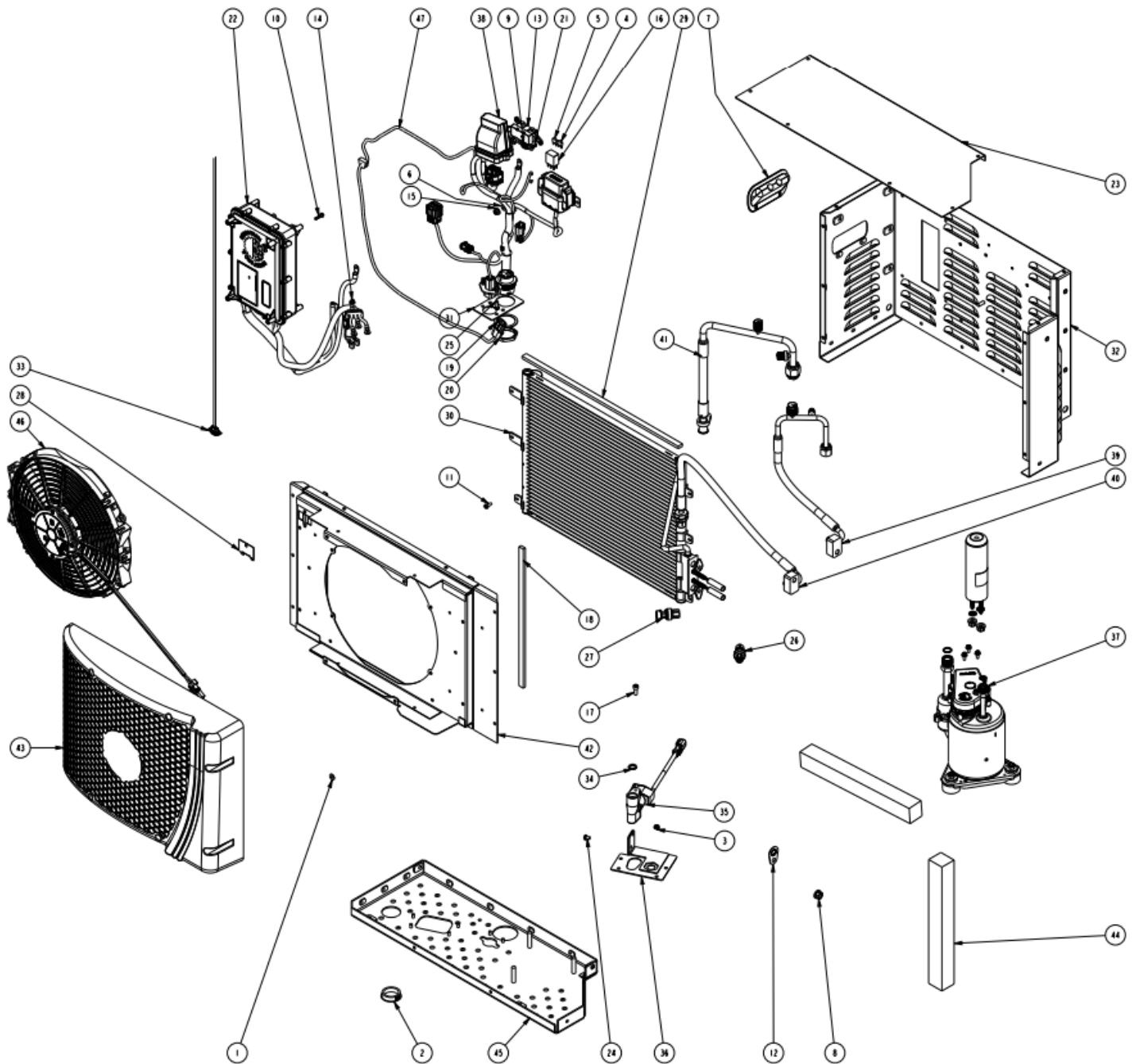
eCoolPark Eclipse (24V) XT – **1002904442** (prior to April 2023)

eCoolPark Sun (48V) XT – **1003193550** (prior to May 2026)

Unit Part Number	Voltage (VDC)	Vehicles	CAN Data Rate	CAN Message ID Type
1004512721	12	DTNA, Volvo	500k	Extended ID
1004512718	12	Ford, Chevy	500k	Standard ID
1004512719	12	International, Paccar	250k	Extended ID
1004512720	12	Dodge, Auto stop/start vehicles	500k	Extended ID
1004508721	24	DTNA, Volvo	500k	Extended ID
1004508718	24	Ford, Chevy	500k	Standard ID
1004508719	24	International, Paccar	250k	Extended ID
1004508720	24	Dodge, Auto stop/start vehicles	500k	Extended ID
1004508704	48	DTNA, Volvo	500k	Extended ID
1004502321	48	Ford, Chevy	500k	Standard ID
1004502322	48	International, Paccar	250k	Extended ID
1004502323	48	Dodge, Auto stop/start vehicles	500k	Extended ID

Note: eCoolPark XT compressor/condenser units are pre-programmed per the installation vehicle type. This programming is required to match the unit to the vehicle CAN bus network configuration settings. For service parts, identify the unit's main power voltage (12, 24, or 48 VDC) based on the part number and use the above tables to identify proper service part numbers. Only select components are specific to unit voltage.

eCoolPark XT (1.5) Unit



eCoolPark XT (1.5) Installation Kit (Non-Assembly)

