

# APPENDIX C - ESS2 SUBCOMPONENTS LIST

REF NO.	PART NO.	DESCRIPTION
1	29557378	Tub Assembly, Battery
1	29557576	Tub Assembly, Battery, CertPlus. For Use Only In Air Resources Board (ARB) Adopting States See 7-EP-15.
2	29543220	Lifting Eyelet Service Kit. Kit Contains Four M16 Eye Bolts.
3	29542864	Filter Assembly Service Kit, Air Inlet. Kit Contains One Inlet Filter And Six M6 x 20mm Bolts With Washers, Diameter 16.--NO LONGER AVAILABLE FROM ALLISON TRANSMISSION--
4	29542862	Cover Assembly Service Kit, HVIL. Kit Contains One HV Connector Cover Assembly.
5	29543216	Cover, Shipping
6	29543222	Bolt Service Kit, HVIL Cover Assembly. Kit Contains Three Bolts.
7	29542861	Case Assembly Service Kit, Upper Battery. Kit Contains One Upper Battery Cover Assembly And Forty M8 x 23mm Bolts With Washers, Diameter 19.5_8.8.
8	N/A	Not Used in this Group
9	29550667	Thermistor Assembly Service Kit, No. 1. Kit Contains One Thermistor Assembly.
9	29550668	Thermistor Assembly Service Kit, No. 2. Kit Contains One Thermistor Assembly.
9	29550669	Thermistor Assembly Service Kit, No. 3. Kit Contains One Thermistor Assembly.
9	29550670	Thermistor Assembly Service Kit, No. 4. Kit Contains One Thermistor Assembly.
9	29550671	Thermistor Assembly Service Kit, No. 5. Kit Contains One Thermistor Assembly.
9	29550672	Thermistor Assembly Service Kit, No. 6. Kit Contains One Thermistor Assembly.
10	29550673	BCIM Service Kit, Lead-Free. Kit Contains One BCIM And Four M5 x 20mm Bolts With Washers.
11	29542847	Main Relay Service Kit, High Side. Kit Contains One Main Relay, Two M5 x 20mm Bolts With Washers And Two M5 x 10mm Bolts With Washers.
12	29542848	Main Relay Service Kit, Low Side. Kit Contains One Main Relay, Two M5 x 20mm Bolts With Washers And Two M5 x 10mm Bolts With Washers.
13	29542849	Relay Service Kit, Precharge. Kit Contains One Precharge Relay And Two M4 x 20mm Bolts With Washers.
14	29542855	Switch Service Kit, HVIL, Snap Action. Kit Contains One Snap Action Switch.
15	29542850	Sensor Assembly Service Kit, Current. Kit Contains One Current Sensor Assembly, Four M4 x 10mm Bolts With Washers And Three M5 x 10mm Bolts With Washers.
16	29542851	Resistor Assembly Service Kit, Precharge. Kit Contains One Precharge Resistor Assembly, Four M4 x 10mm Bolts With Washers And One M5 x 10mm Bolt With Washer.
17	29542852	Fuse Service Kit, Main. Kit Contains One Main Fuse And Two M6 x 20mm Bolts With Washers, Diameter 16.
18	29542856	Wiring Harness Service Kit, Low Voltage. Kit Contains One Wiring Harness, One O-ring, One Lock Washer, And One Panel Nut.
19	29542881	O-ring Service Kit, Low Voltage Connector. Kit Contains One O-ring.
20	29542863	Junction Board Service Kit, Lower, No. 1 And No. 2. Kit Contains One No. 1 Junction Board, Two No. 2 Junction Boards, And Sixteen M6 x 30mm Bolts With Washers, Diameter 16.
21	29542853	Fan Assembly Service Kit, Battery. Kit Contains One Battery Fan Assembly And Three M6 x 20mm Bolts With Washers, Diameter 16.
22	29550674	Outlet Duct Service Kit, Battery. Kit Contains One Battery Outlet Duct, Six 16mm Head Push Rivets And Four 14mm Head Push Rivets.
23	29542857	Connector Service Kit, Short. Kit Contains One Short Connector And One M4 x 7mm Bolt With Washer, Diameter 10.
NI	29550675	Seal No. 2
NI	29550682	Seal No. 3
NI	29550683	Seal No. 4
24	29542858	Connector Service Kit, High Voltage (P). Kit Contains One Positive HV Connector, One No. 1 Shield Plate, One No. 2 Shield Plate, Four Nuts With Washers, And One M6 x 20mm Bolt With Washer, Diameter 16.
25	29542859	Connector Service Kit, High Voltage (N). Kit Contains One Negative HV Connector, One No. 1 Shield Plate, One No. 2 Shield Plate, Four Nuts With Washers, and One M6 x 20mm Bolt With Washer, Diameter 16.
26	29542865	Valve Service Kit, Flapper. Kit Contains One Outlet Flapper Valve.
27	29542854	Relay Service Kit, Fan. Kit Contains One Fan Relay.
28	29542860	Case Assembly Service Kit, Lower Battery. Kit Contains One Lower Battery Case Assembly And Forty M8 x 23mm Bolts With Washers, Diameter 19.5_8.8,
29	29542866	Block Service Kit, Terminal. Kit Contains One Terminal Block, One Output Busbar, Three M5 x 10mm Bolts With Washers And One M6 x 20mm Bolt With Washer, Diameter 16.
30	29542867	Bracket Service Kit, ECU. Kit Contains Two No. 1 ECU Brackets, Two No. 2 ECU Brackets, Four M6 x 20mm Bolts With Washers, Diameter 16, And Eight M5 x 10mm Bolts With Washers.
31	29542868	Inlet Duct Service Kit, Battery. Kit Contains One Battery Inlet Duct.
32	29542870	Support Service Kit, Pipe. Kit Contains One Support Pipe And Two M6 x 20mm Bolts With Washers, Diameter 16.
33	N/A	Not Used in this Group
34	29550676	Support Service Kit, Pillar. Kit Contains One Support Pillar And Two M6 x 30mm Bolts With Washers, Diameter 16-8.8.
35	N/A	Not Used in this Group
36	29550677	Support Service Kit, Pipe, Upper Cover. Kit Contains One Upper Cover Support.
37	N/A	Not Used in this Group
38	29550678	Bracket Service Kit, S/P. Kit Contains One Bracket And Two M6 x 30mm Bolts With Washer, Diameter 16-8.8.
39	29542873	Cable Service Kit, Output (P) 1, 36 inch Cable, 24 inch Grounding Strap. Kit Contains One P1 Output Cable.
40	29542874	Cable Service Kit, Output (P) 2, 22 inch Cable, 8 inch Grounding Strap. Kit Contains One P2 Output Cable.
41	29542875	Cable Service Kit, Output (P) 3, 9 inch Cable, 18 inch Grounding Strap. Kit Contains One P3 Output Cable.
42	29542876	Cable Service Kit, Output (N) 1, 13 inch Cable, 18 inch Grounding Strap. Kit Contains One N1 Output Cable.
43	29542877	Cable Service Kit, Output (N) 2, 26 inch Cable, 7 inch Grounding Strap. Kit Contains One N2 Output Cable.
44	29542878	Cable Service Kit, Output (N) 3, 38 inch Cable, 23 inch Grounding Strap. Kit Contains One N3 Output Cable.
45	29542879	Plate Service Kit, Shield. Kit Contains Two No. 1 Shield Plates, Two No. 2 Shield Plates And Eight Nuts With Washers.
46	29542880	O-ring Service Kit, HV Connector. Kit Contains One O-ring.
47	29542882	Cover Service Kit, HV 1. Kit Contains One Cover.
48	29542883	Cover Service Kit, HV 2. Kit Contains One Cover.
49	29542884	Cover Service Kit, HV 3. Kit Contains One Cover.
50	N/A	Not Used in this Group
51	29550679	Hose Service Kit, Tube Connect 1, White. Kit Contains Four No. 1 Tube Connect Hoses.
52	N/A	Not Used in this Group
53	29550680	Hose Service Kit, Tube Connect 2, White. Kit Contains One No. 2 Tube Connect Hose.
54	29542887	Hose Service Kit, Tube Connect 3, Black. Kit Contains One No. 3 Tube Connect Hose.
55	29550681	Hose Service Kit, Tube Connect 4, White. Kit Contains One No. 4 Tube Connect Hose
56	29542888	Hose Service Kit, Drain 1. Kit Contains Four No. 1 Drain Hoses.
57	29542889	Hose Service Kit, Drain 2. Kit Contains Two No. 2 Drain Hoses.
58	29543221	Packing Service Kit. Kit Contains One Packing.
59	29542890	Gasket Service Kit. Kit Contains Four No. 1 Seals.
60	29558066	Main Relay Service Kit, High Side. Kit Contains One Main Relay, Two M5 x 20mm Bolts With Washers And Two M5 x 10mm Bolts With Washers.
60	29558066	Main Relay Service Kit, Low Side. Kit Contains One Main Relay, Two M5 x 20mm Bolts With Washers And Two M5 x 10mm Bolts With Washers.
61	29558059	Sensor Assembly Service Kit, Current. Kit Contains One Current Sensor Assembly, Four M4 x 10mm Bolts With Washers And Three M5 x 10mm Bolts With Washers.