Titan™ 3040
Titan™ 3540
Titan™ 4040
Titan™ 4540
Tier 4B (final)
Floater

SERVICE MANUAL

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CASE IH AGRICULTURE

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(*) See content for specific models

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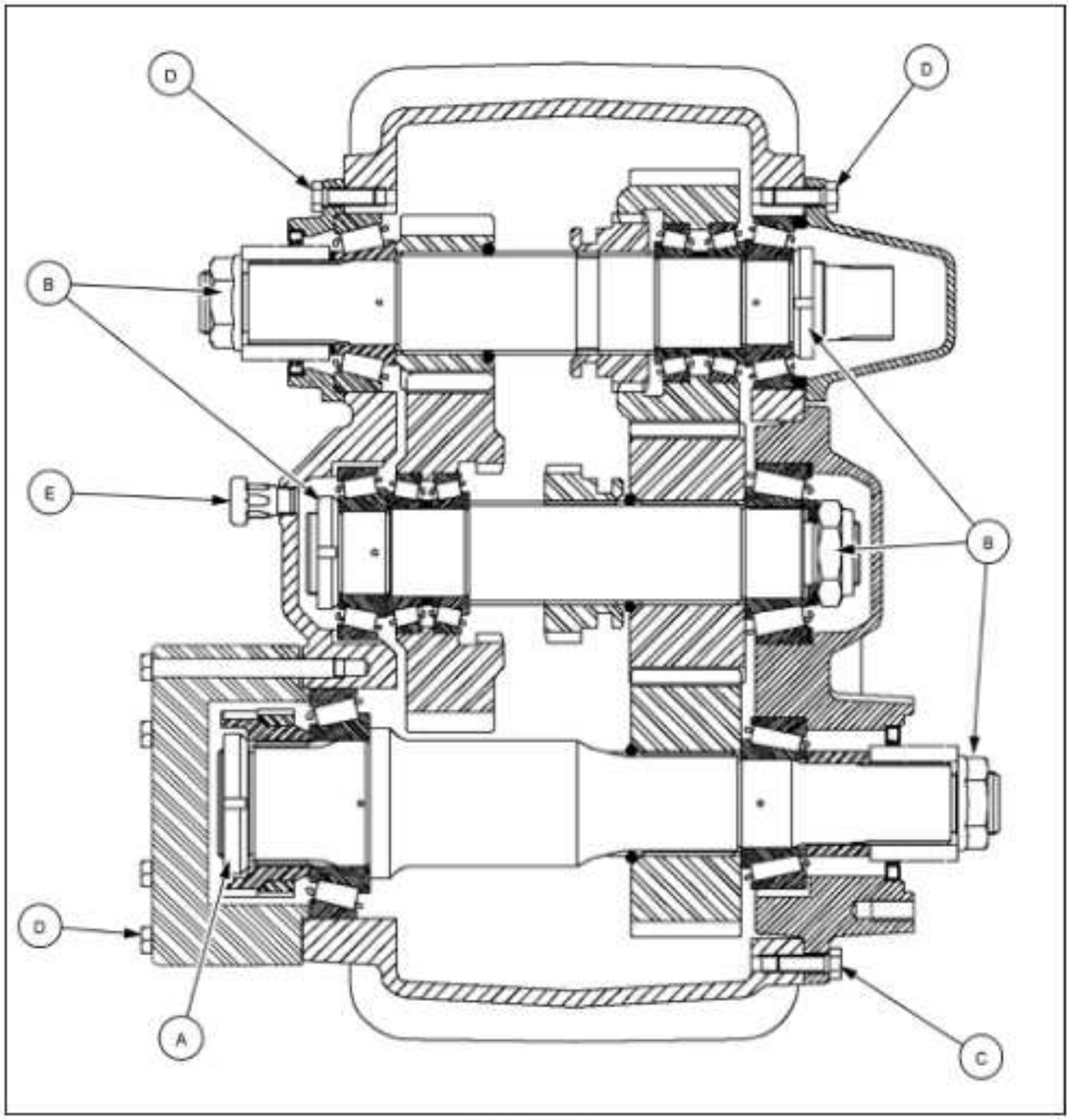
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Hi-Lo unit - Torque



RSPH10FLTTRBGAC 1

Torque specifications

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CONNECTOR X-9002 - Engine Control Unit (ECU)			
PIN NUMBER	**WIRE NUMBER**	**CIRCUIT REFERENCE**	**ELECTRICAL SCHEMATIC FRAME**
34	-	-	
35	EN-010	Pressure signal, Oil pressure sensor with oil temperature sensor **B-9000**	**Wiring harnesses - Electrical schematic sheet 05 - Engine inputs/outputs (engine schematics) (55.100)**
36	EN-002-CUR9	Signal, Rail pressure sensor **B-9004**	**Wiring harnesses - Electrical schematic sheet 06 - Fuel injection (engine schematics) (55.100)**
37	EN-005	Temperature signal, Boost pressure sensor with air temperature sensor **B-9001**	**Wiring harnesses - Electrical schematic sheet 05 - Engine inputs/outputs (engine schematics) (55.100)**
38	-	-	
39	EN-014	Signal, Coolant temperature sensor **B-9003**	**Wiring harnesses - Electrical schematic sheet 05 - Engine inputs/outputs (engine schematics) (55.100)**
40	-	-	
41	-	-	
42	EN-044	Reference ground, Crankcase pressure sensor **B-9009**	**Wiring harnesses - Electrical schematic sheet 05 - Engine inputs/outputs (engine schematics) (55.100)**
43	-	-	
44	-	-	
45	-	-	
46	-	-	
47	-	-	
48	-	-	
49	EN-017-CUR9	High side driver, Cylinder 1 injector **Y-9001**	**Wiring harnesses - Electrical schematic sheet 06 - Fuel injection (engine schematics) (55.100)**
50	EN-019-CUR9	High side driver, Cylinder 2 injector **Y-9002**	
51	EN-020-CUR9	High side driver, Cylinder 3 injector **Y-9003**	
52	-	-	
53	-	-	
54	-	-	
55	-	-	
56	-	-	
57	-	-	
58	EN-015	Supply, Fuel metering unit **Y-9000**	**Wiring harnesses - Electrical schematic sheet 05 - Engine inputs/outputs (engine schematics) (55.100)**
59	EN-013A	Reference ground, Fuel temperature sensor **B-9002** and Coolant temperature sensor **B-9003**	
60	EN-001-CUR9	Reference ground, Rail pressure sensor **B-9004**	**Wiring harnesses - Electrical schematic sheet 06 - Fuel injection (engine schematics) (55.100)**
61	EN-045	Signal, Crankcase pressure sensor **B-9009**	**Wiring harnesses - Electrical schematic sheet 05 - Engine inputs/outputs (engine schematics) (55.100)**
62	-	-	
63	-	-	
64	-	-	

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130-Low pressure switch (+) input shorted to power

Cause:
The ATC controller has detected a short to power at the low pressure switch.

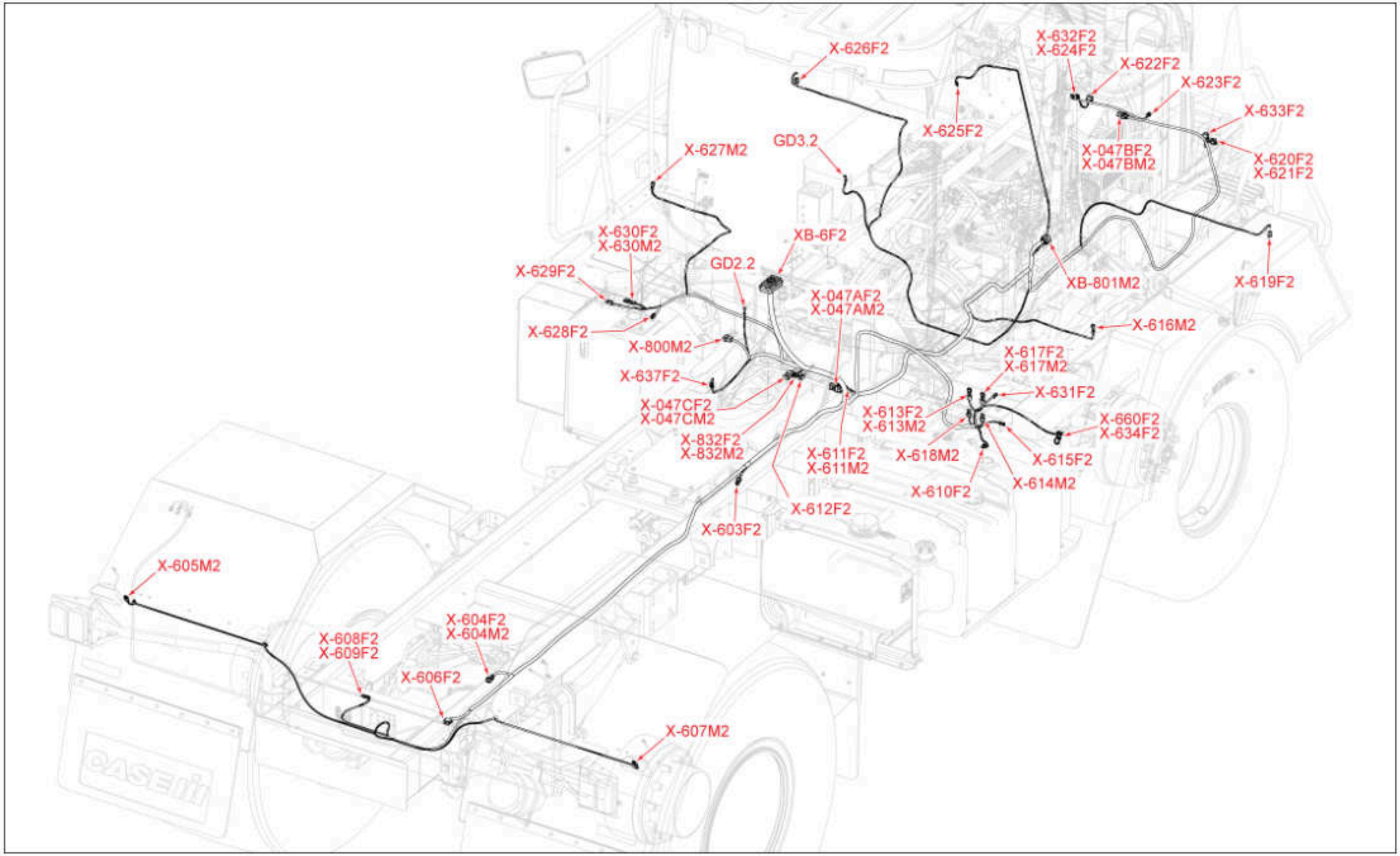
Possible failure modes:

1. Wire harness or connector problem.
2. ATC controller failure.

Solution:

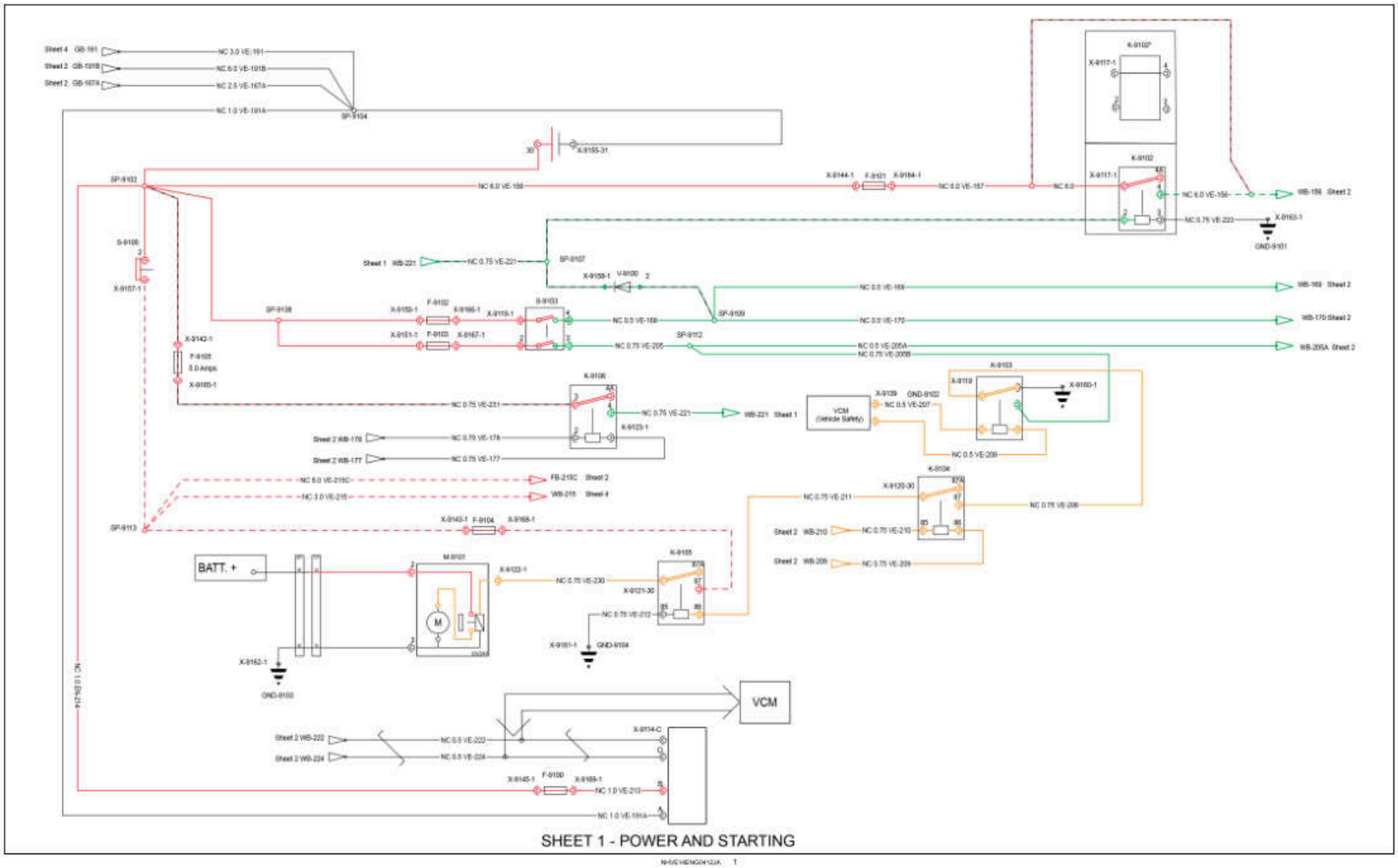
1. Visually inspect the wiring harness and all connectors between low pressure switch and ATC controller for damage.
   A. Damage to connectors or wiring found. Repair or replace harness. Clear all fault codes, and return unit to field operation.
   B. No damage to connectors or wiring found. Go to Step **2**.
2. Start the tractor. Clear all fault codes. Check to see if fault code remains active.
   A. Fault code re-displays. Go to Step **3**.
   B. Fault code does not display. Return unit to field operation.
3. Replace the ATC controller. Test operation of the HVAC system.
   A. Fault code re-displays. Reinstall the original ATC controller. Submit a concern to ASIST.
   B. Fault code does not re-display. Return unit to field operation.

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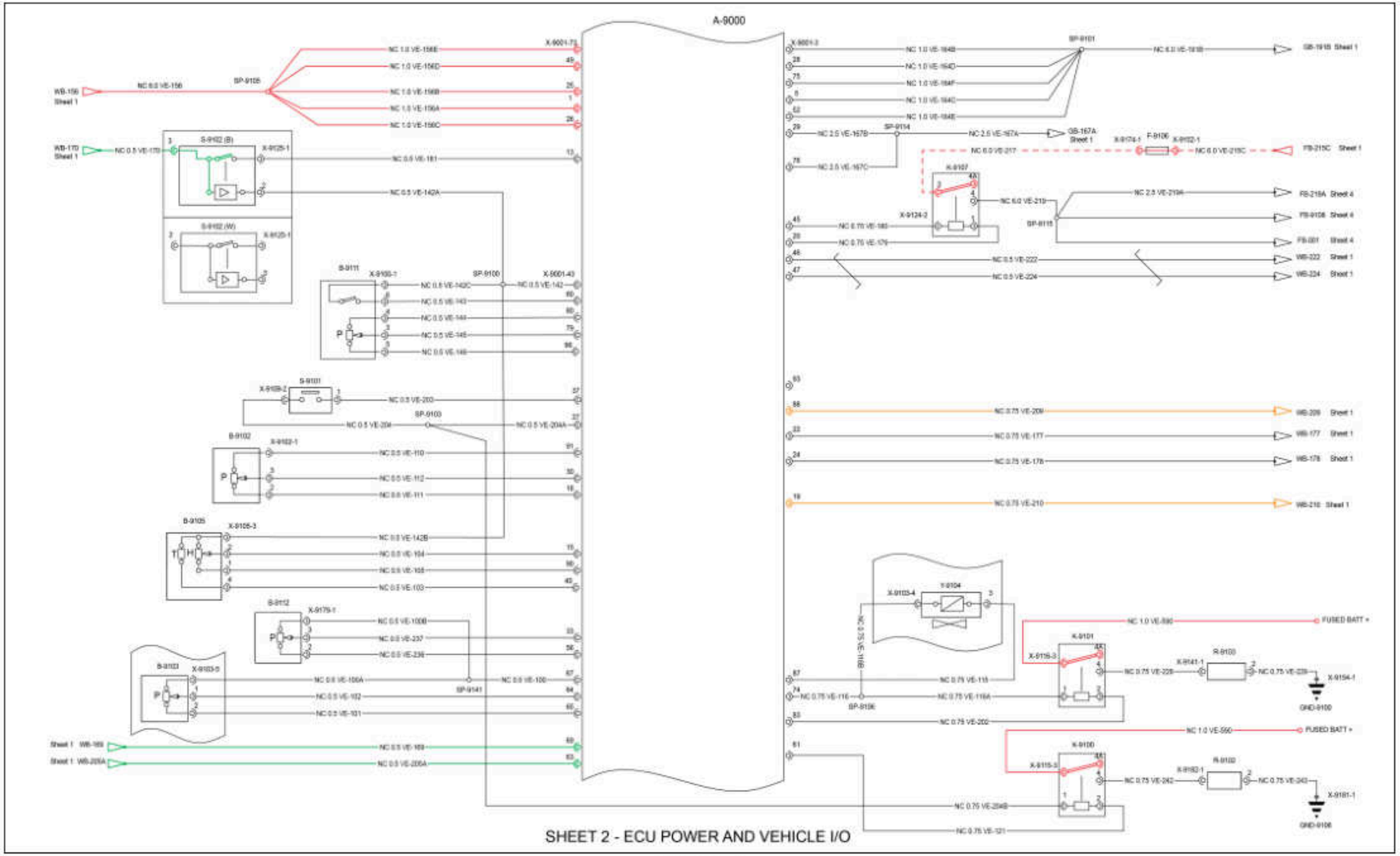


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SHEET 2 - ECU POWER AND VEHICLE I/O

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