SERVICE MANUAL

T9.435 / T9.480 / T9.530 / T9.565
T9.600 / T9.645 / T9.700
Tractor

PIN ZFF403001 and above

Part number 47924553
1st edition English
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NEW HOLLAND AGRICULTURE

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Shaft assemblies - Test - Clutch pack clearance and clutch pack travel test - PS4 and PS6 transmission

T9.

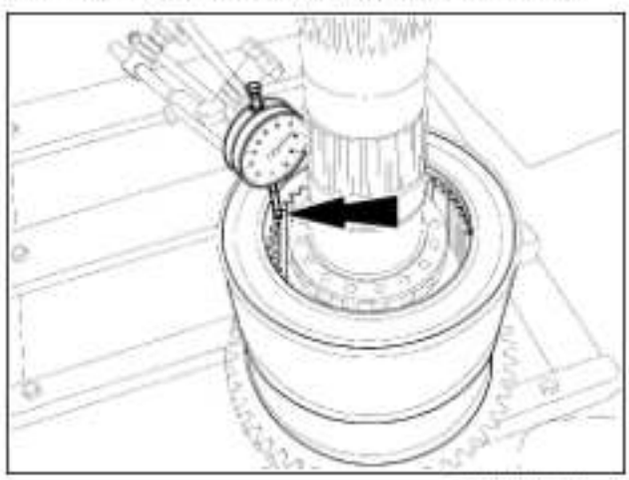
NOTE: *The clutch pack clearance and clutch pack travel test must be done when the clutch plates are installed on any shaft. The steel clutch plates are of various thickness and the correct clutch pack travel is obtained by selecting the correct combination of steel plates for each clutch from the chart below.*

Clutch steel plate size specifications		
Clutch Location	PS4 Plate Diameter	PS6 Plate Diameter
1st Shaft, front	**203.2 mm (8 in)**	**203.2 mm (8 in)**
1st Shaft, middle	**177.8 mm (7 in)**	**177.8 mm (7 in)**
1st Shaft, rear	**177.8 mm (7 in)**	**177.8 mm (7 in)**
2nd Shaft, front	**177.8 mm (7 in)**	**177.8 mm (7 in)**
2nd Shaft, rear	**177.8 mm (7 in)**	**177.8 mm (7 in)**
4th Shaft, front	**228.6 mm (9 in)**	**228.6 mm (9 in)**
4th Shaft, rear	**228.6 mm (9 in)**	**228.6 mm (9 in)**
5th Shaft, front	**203.2 mm (8 in)**	**203.2 mm (8 in)**
5th Shaft, rear	**203.2 mm (8 in)**	**203.2 mm (8 in)**

CLUTCH STEEL PLATE THICKNESS SPECIFICATIONS	
Clutch Location	Thickness Availability
1st Shaft, front	**2.1 mm (0.086 in)** or **2.4 mm (0.094 in)**
1st Shaft, middle	**2.1 mm (0.086 in)** or **2.4 mm (0.094 in)**
1st Shaft, rear	**2.1 mm (0.086 in)** or **2.4 mm (0.094 in)**
2nd Shaft, front	**2.1 mm (0.086 in)** or **2.4 mm (0.094 in)**
2nd Shaft, rear	**2.1 mm (0.086 in)** or **2.4 mm (0.094 in)**
4th Shaft, front	**2.4 mm (0.094 in)** or **2.6 mm (0.102 in)**
4th Shaft, rear	**2.4 mm (0.094 in)** or **2.6 mm (0.102 in)**
5th Shaft, front	**2.1 mm (0.086 in)** or **2.4 mm (0.094 in)**
5th Shaft, rear	**2.1 mm (0.086 in)** or **2.4 mm (0.094 in)**

NOTICE: *All new clutch friction plates must be soaked in clean operating fluid for 20 minutes before installation.*

1. Install a magnetic dial indicator with the base on a machined surface. The point of the dial indicator should rest on the top separator or friction plate closest to the end plate. The top plate may stick to the end plate and will have to be pushed down before you set the dial indicator to zero.



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Wiring harnesses - Electrical schematic sheet 56 - Lighting - interior lamps

Type	Component	Connector / Link	Description
Lamp	**E-674**	**C675 C676 C674**	DOME LAMP
Lamp	**E-679**	**C679**	MAP LAMP
Lamp	**E-685**	**C685M**	CONSOLE LAMP
Lamp	**E-930**	**C930**	PATIO LAMP
Relay	**K-016**		INTERIOR LIGHTING RELAY
Switch	**S-678**	**C678M**	DOOR SWITCH

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18025-Rear hitch slip control potentiometer - voltage too low

T9.

NOTE: *When the cause of the error code has been rectified, clear the error code and test the system for normal operation.*

Cause:
Voltage from sensor too low (below **0.2 V**) as measured at armrest controller.

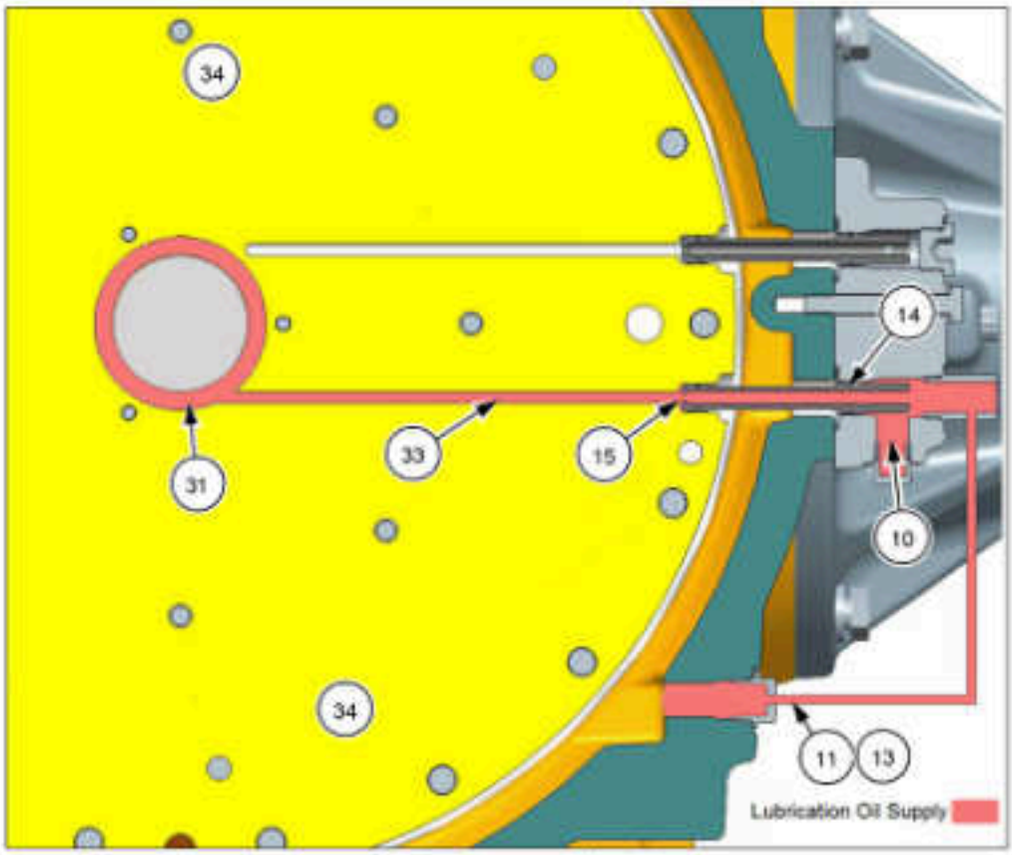
Possible failure modes:

1. Faulty connector
2. Faulty slip control potentiometer
3. Faulty harness
4. Faulty controller

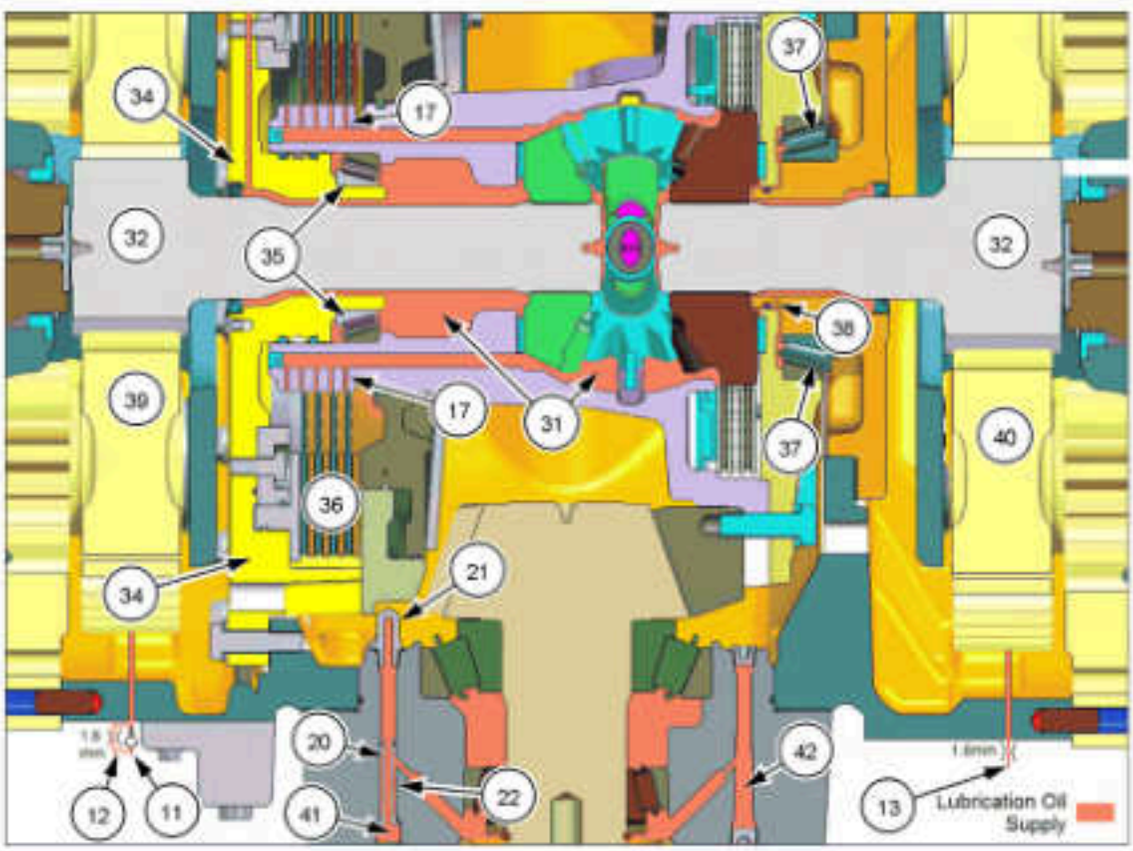
Solution:

1. Before proceeding clear the error code with the approved diagnostic equipment. Run the machine under normal conditions and retest.
   A. If the error code is not indicated, check that the system is operating correctly.
   B. If the error code is indicated, continue to step **2**
2. Use the electronic service tool (EST) monitor screen function to check the slip control potentiometer. Refer to the electronic service tool (EST) user guide.
   A. If slip control potentiometer check is not okay, continue to step **3**
   B. If slip control potentiometer check is okay and the fault does not reoccur continue operation.
3. Check the slip control potentiometer.

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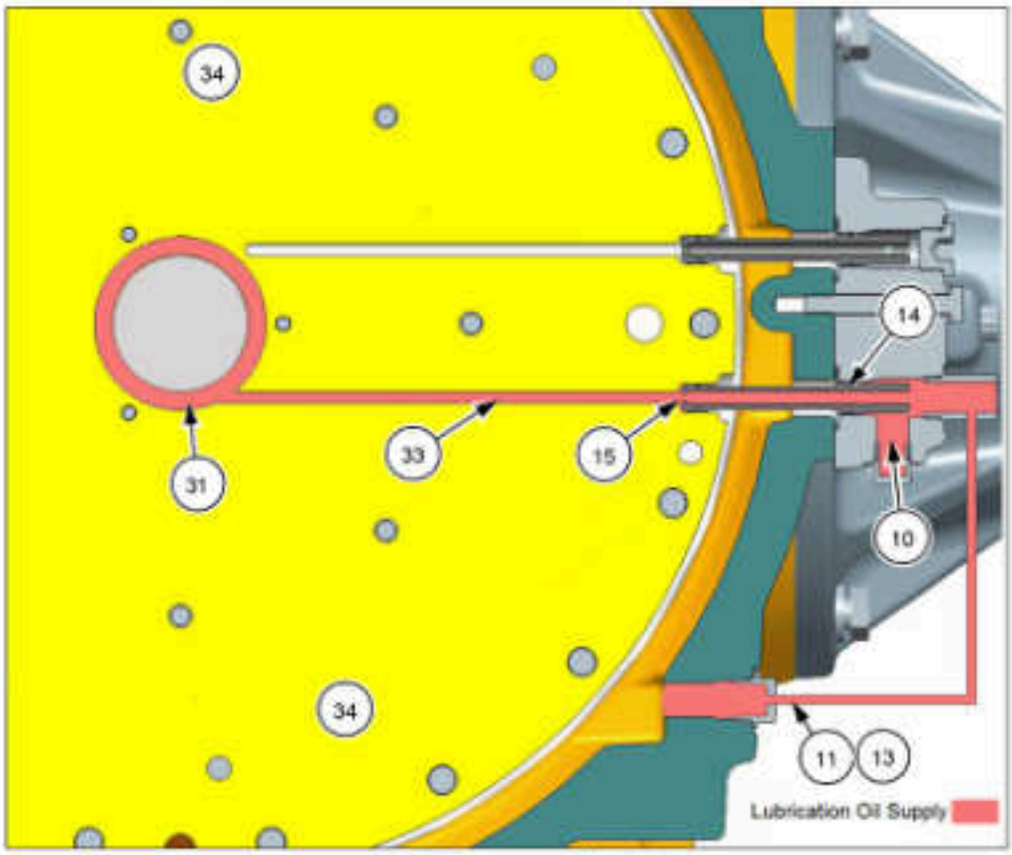


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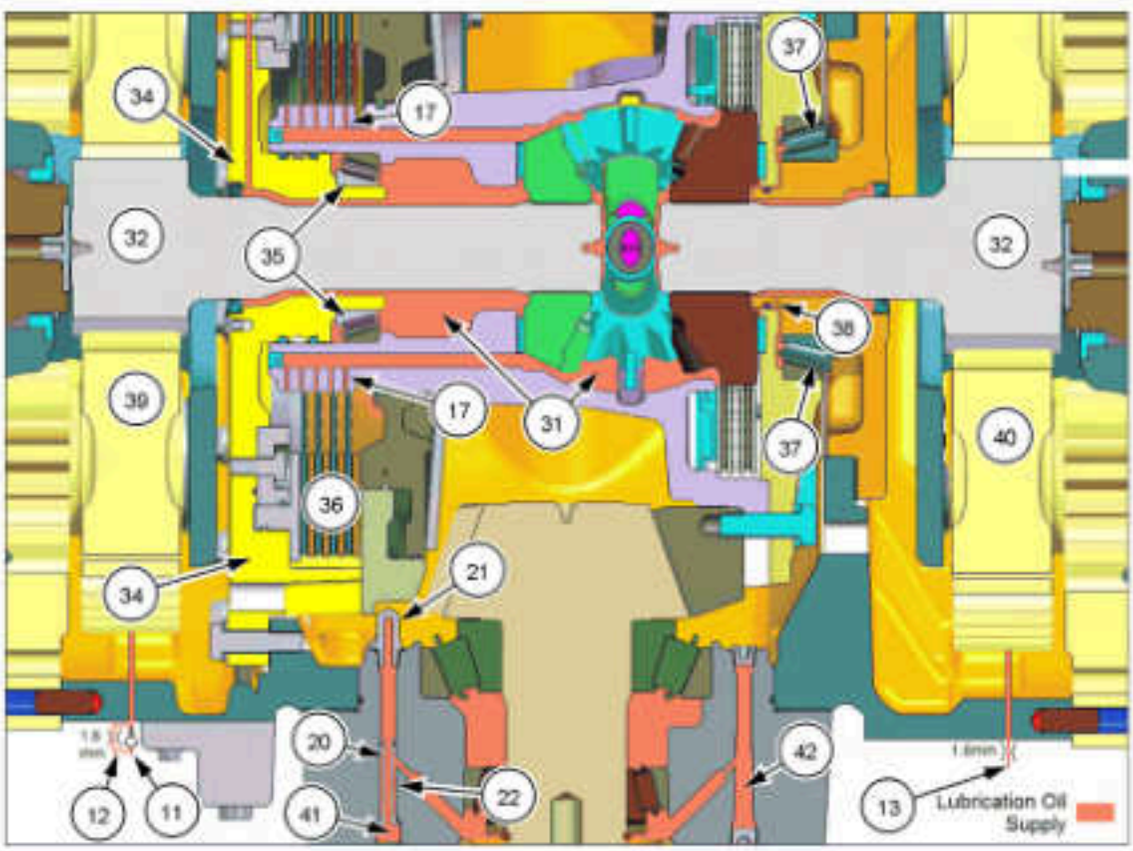


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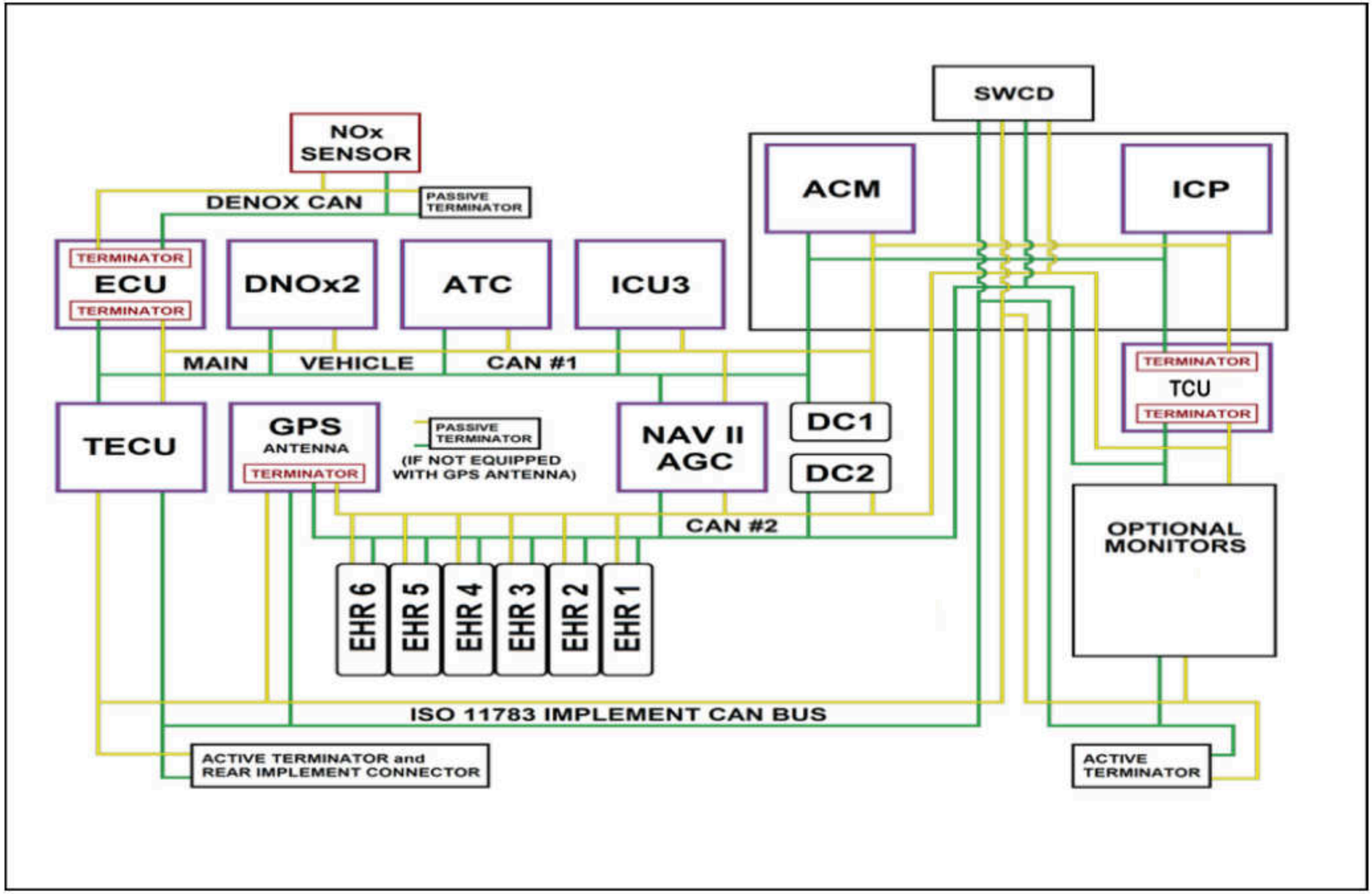


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