SERVICE MANUAL

F140B VHP
F170B VHP
F200B VHP

Motor Graders

Part Number
48050427D
4th Edition
English 10/2017

NEW HOLLAND CONSTRUCTION

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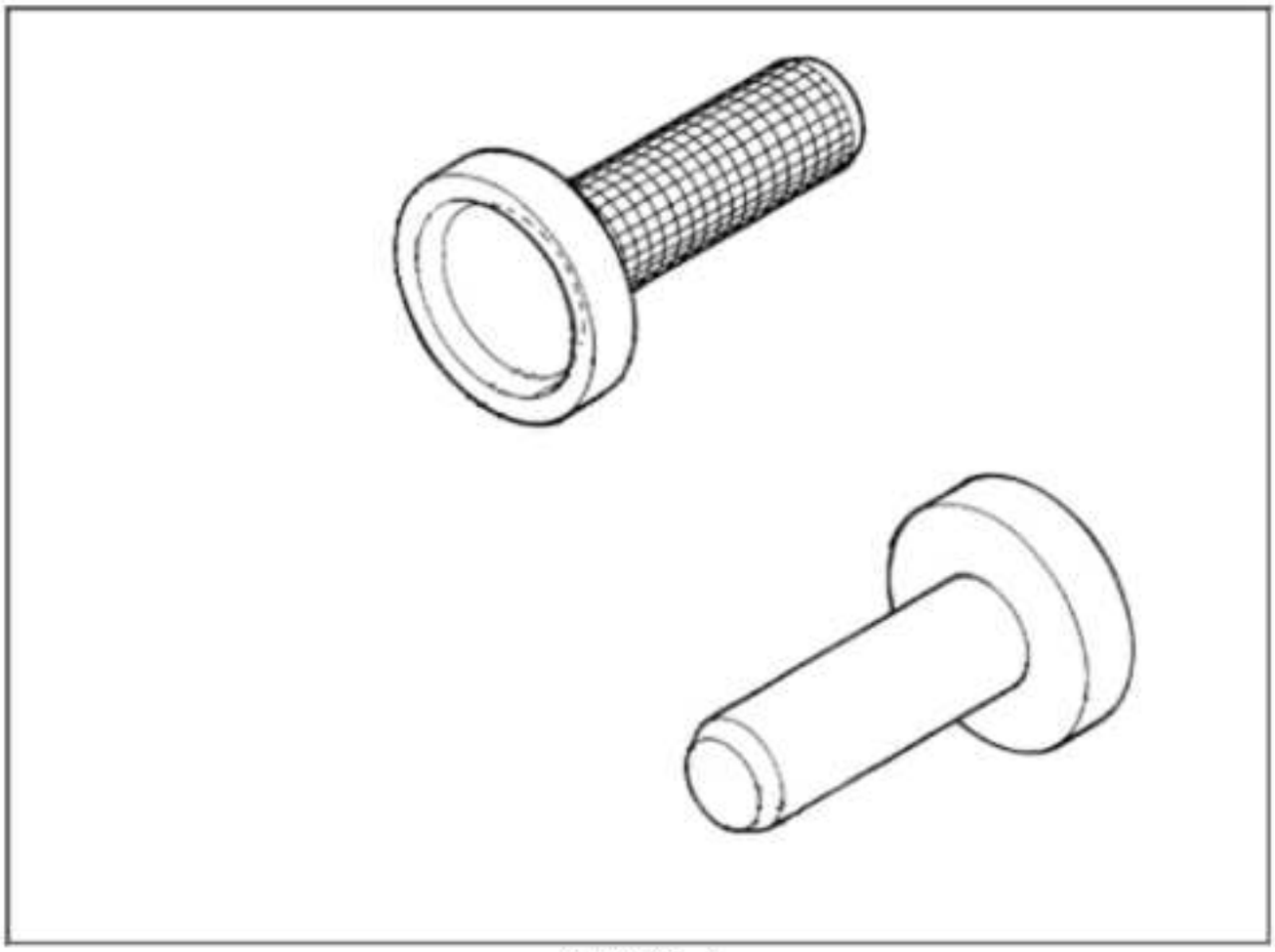
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DDL140B00078HA 4

Steel tool (DD).
Part number: 381000150.

Non-powered front axle - Torque

F140B	ANZ — APAC — MEA
F170B	ANZ — APAC — MEA
F200B	ANZ — APAC — MEA

Description	Torque
M12 x **40 mm** bolt	**100 N·m (74 lb ft)**
M8 x **25 mm** bolt	**28.8 N·m (21 lb ft)**
M8 x **16 mm** bolt	**28.8 N·m (21 lb ft)**
M8 x **20 mm** bolt	**28.8 N·m (21 lb ft)**
Ball joint nut	**270 – 290 N·m (200 – 215 lb ft)**
Steering rod nut	**270 – 290 N·m (200 – 215 lb ft)**
M16 x **50 mm** bolt	**248 N·m (183 lb ft)**

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Harnesses and connectors - Electrical schematic sheet 03 (ECU - EDC17)

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4147 - Logical error at engine speed input

F140B Torque converter transmission, Tier 3, made in Brazil [NAAF08001 -]	
F170B Torque converter transmission, Tier 3, made in Brazil [NAAF09000 -]	
F200B Torque converter transmission, Tier 3, made in Brazil [HBZN0200TBAF00511 -]	

Solution:

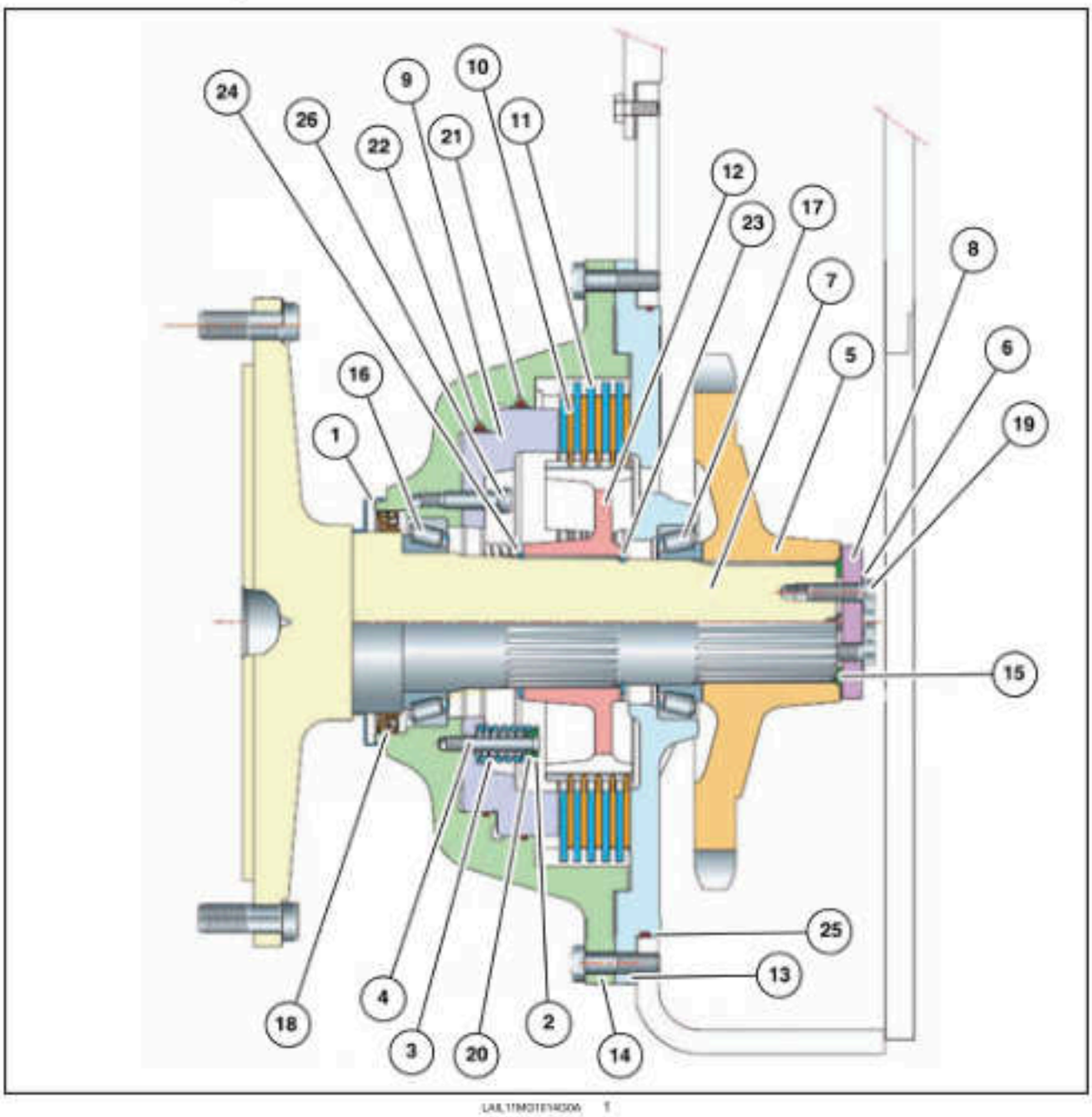
1. Check the cables from TCU to the sensor.
2. Check the connectors.
3. Check the speed sensor.
4. This fault code is reset after power up of the TCU. It is also reset if the signal is above zero speed threshold.

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Wheel hub - Component identification

F140B	ANZ (8 x 8 direct drive) OR (6 x 3 torque converter) OR (Tier 1) OR (Tier 3-VHP) --- APAC (8 x 8 direct drive) OR (6 x 3 torque converter) OR (Tier 1) OR (Tier 3-VHP) --- MEA (8 x 8 direct drive) OR (6 x 3 torque converter) OR (Tier 1) OR (Tier 3-VHP)
F170B	ANZ (8 x 8 direct drive) OR (6 x 3 torque converter) OR (Tier 2) OR (Tier 3-VHP) OR (Tier 0) OR (AWD) --- APAC (8 x 8 direct drive) OR (6 x 3 torque converter) OR (Tier 2) OR (Tier 3-VHP) OR (Tier 0) OR (AWD) --- MEA (8 x 8 direct drive) OR (6 x 3 torque converter) OR (Tier 2) OR (Tier 3-VHP) OR (Tier 0) OR (AWD)
F200B	ANZ (8 x 8 direct drive) OR (6 x 3 torque converter) OR (Tier 2) OR (Tier 3-VHP) OR (Tier 0) OR (AWD) --- APAC (8 x 8 direct drive) OR (6 x 3 torque converter) OR (Tier 2) OR (Tier 3-VHP) OR (Tier 0) OR (AWD) --- MEA (8 x 8 direct drive) OR (6 x 3 torque converter) OR (Tier 2) OR (Tier 3-VHP) OR (Tier 0) OR (AWD)

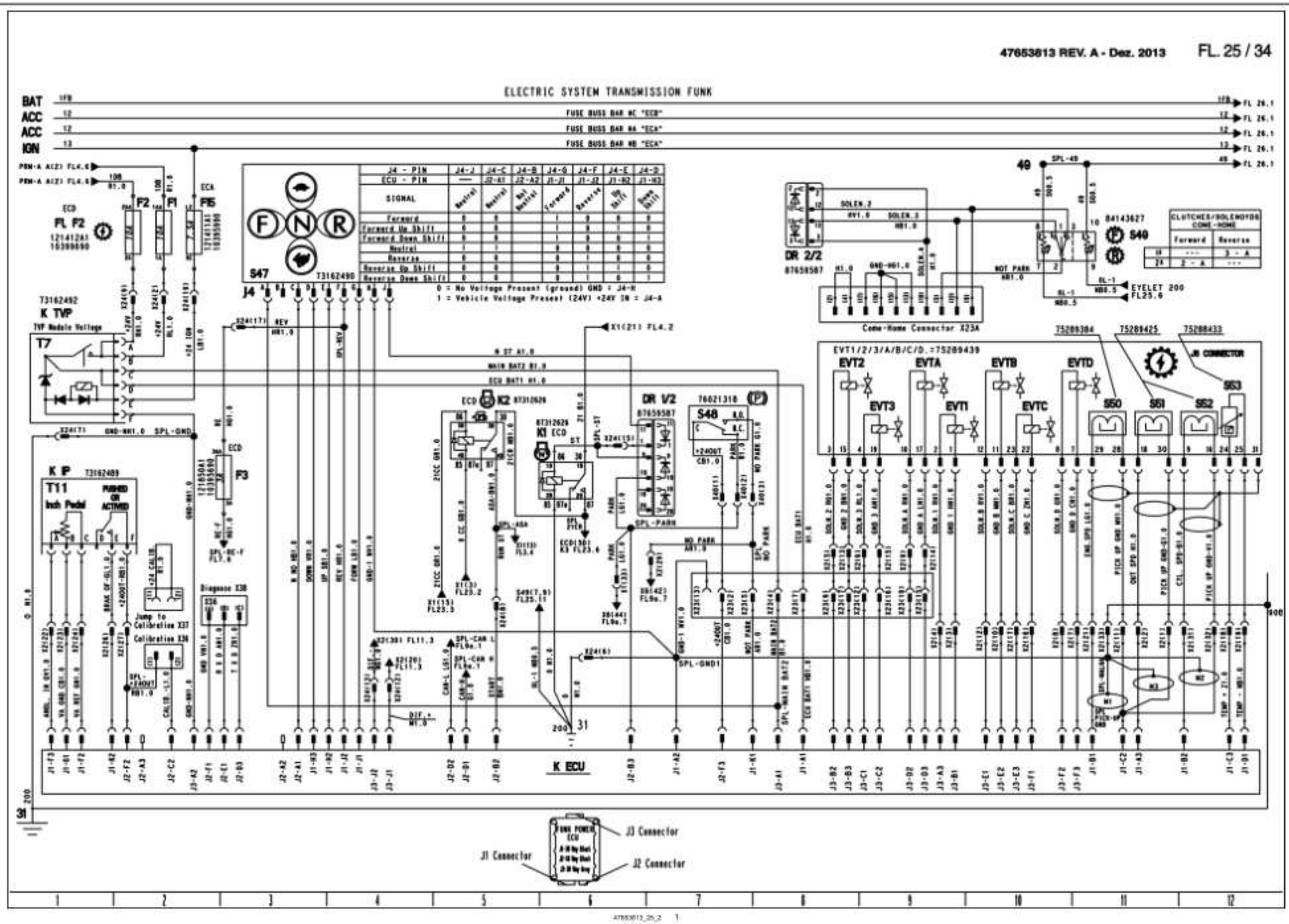
Wheel Hub Assembly and Brake Section



1. Shield
2. Spring cover
10. Brake disc - Assembly
11. Steel plate
19. Screw
20. Circlip

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