SERVICE MANUAL

T4.85 / T4.95 / T4.105 / T4.115
With Hi-Lo Transmission
With Mechanical or Power Shuttle Transmission
Tractor

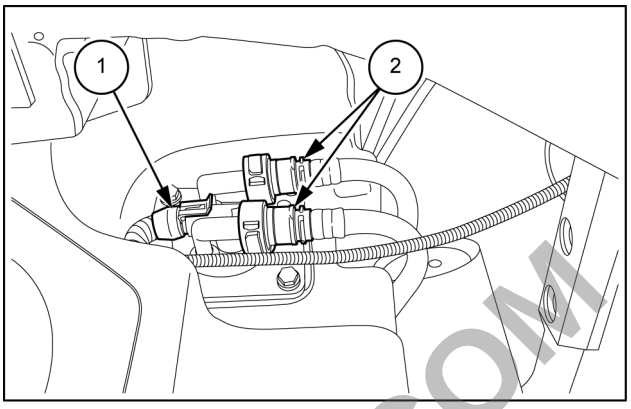
With Hi-Lo Transmission PIN ZxJT0xxxx and above
With Mechanical or Power Shuttle Transmission PIN ZxJT5xxxx and above

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Part number 47840679
English
March 2015
Replaces part number 47561948

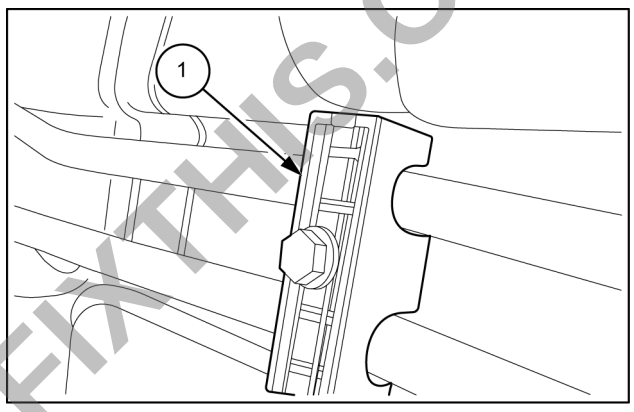
NEW HOLLAND AGRICULTURE

5. Disconnect the electrical connection **(1)**.
6. Label and disconnect the fuel suction and return lines **(2)**.



MOIL12TR00541AA 4

7. Remove the bracket **(1)** that secures the fuel intake line and the fuel return line to the tank. Then remove the tank.

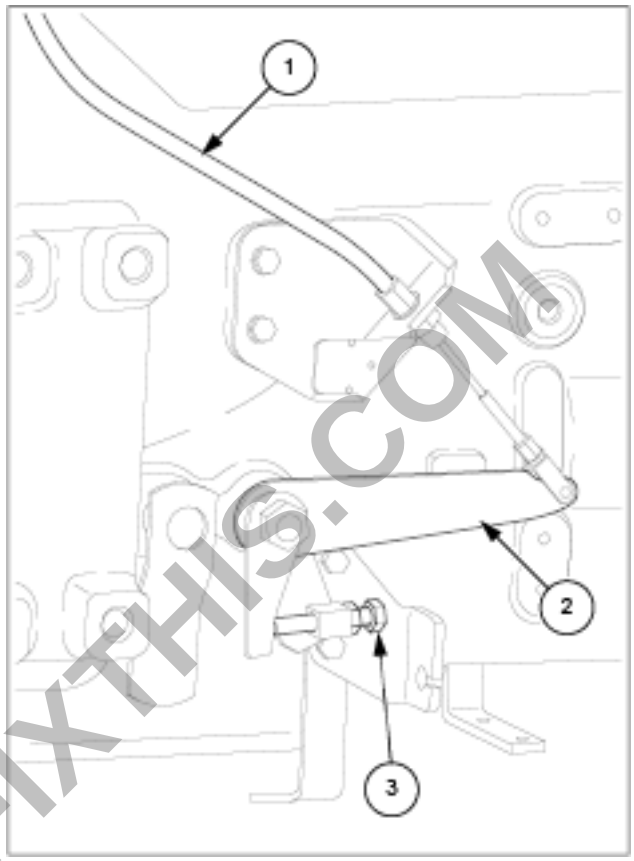


MOIL12TR00542AA 5

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1. Connect the clutch control cable **(1)** to the lever **(2)** on the left-hand side of the transmission case.
2. Turn the adjusting screw **(3)** to obtain the specified distance **(A)** of Figure **1**.



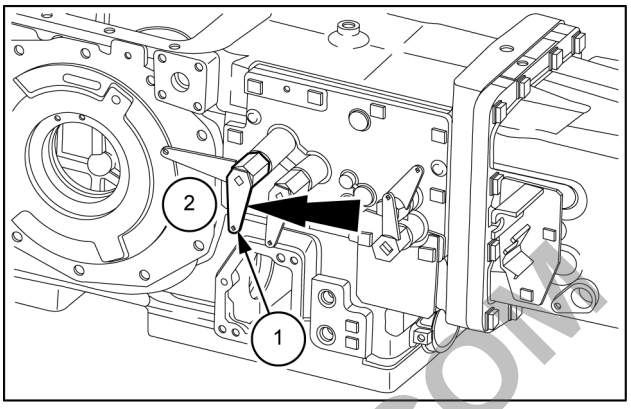
MOIL13UTL0011AA 2

3. Lock the cable by tightening the relative lock nut.
4. Depress the clutch control pedal several times. Check again that the clutch pedal height **(A)** of Figure **1** is as specified.

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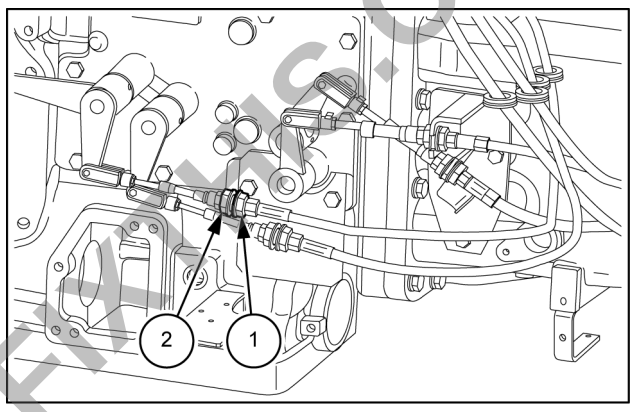
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2. Move the low/park range lever **(1)** on the right-hand side of the transmission to position **(2)**.



MOIL13TR01360AB 11

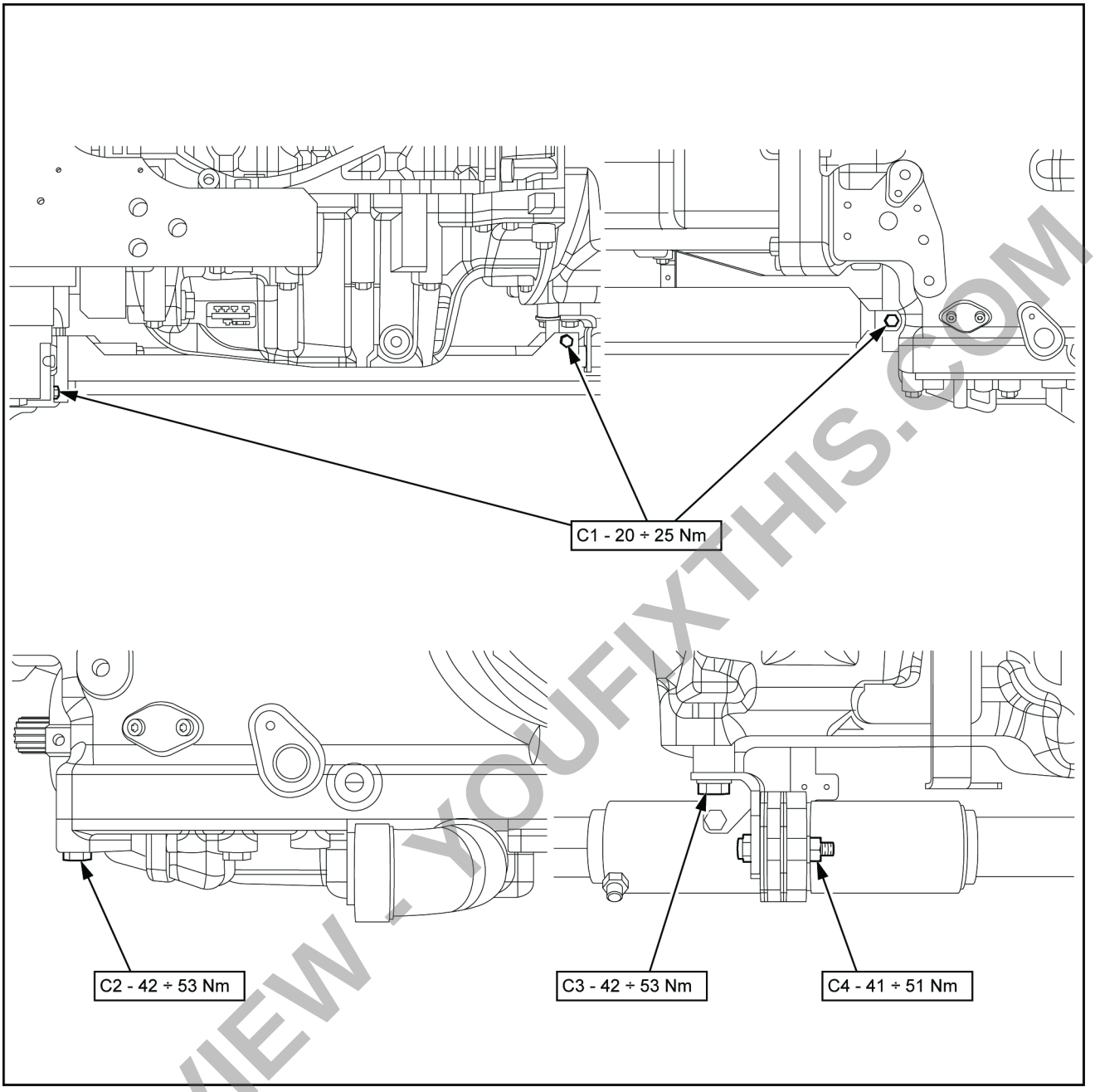
3. Loosen nuts **(1)** and **(2)** completely.
4. Push the red cable with about **5 kg** (**11.0 lb**) load and screw nut **(1)** to the mounting bracket until the clevis can be connected to the lever.
5. Unscrew nut **(1)** two revolutions.
6. Tighten nut **(2)** to the mounting bracket until the requested torque of **15 N·m** (**11.1 lb ft**) is reached.



MOIL13TR01361AB 12

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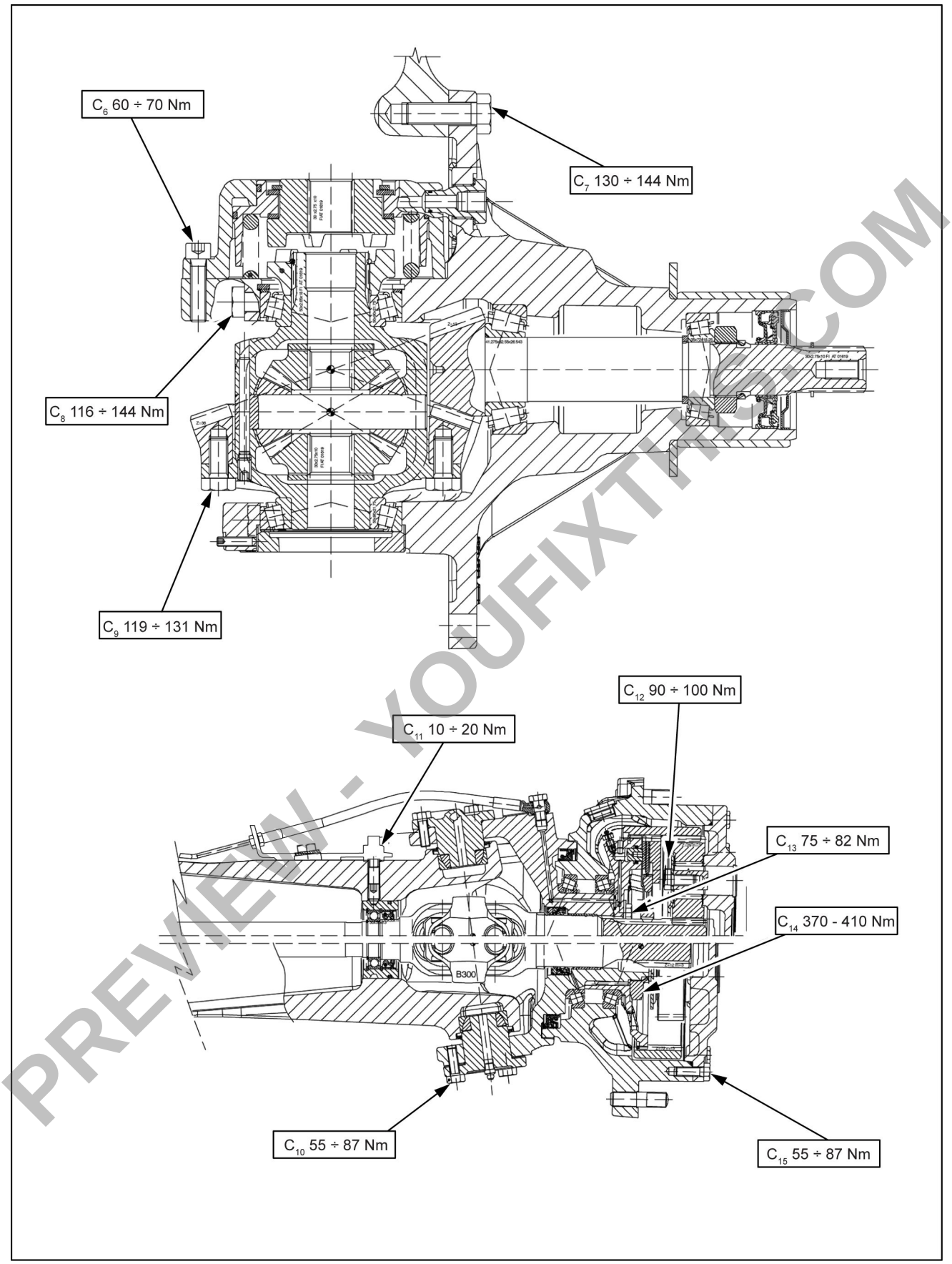


MOIL13TR01867GB 1

PARTS TO BE TIGHTENED	THREAD SIZE	TORQUE
Drive shaft guard retaining bolts (C1)	M8 X 14	**20 - 25 N·m** (**15 - 18 lb ft**)
4WD cover retaining bolts (C2)	M10 x 1.25	**42 - 53 N·m** (**31 - 39 lb ft**)
Bracket retaining bolts (C3)	M12	**73 - 90 N·m** (**54 - 66 lb ft**)
Bracket bearing retaining nut (C4)	M10 x 1.25	**41 - 51 N·m** (**30 - 38 lb ft**)

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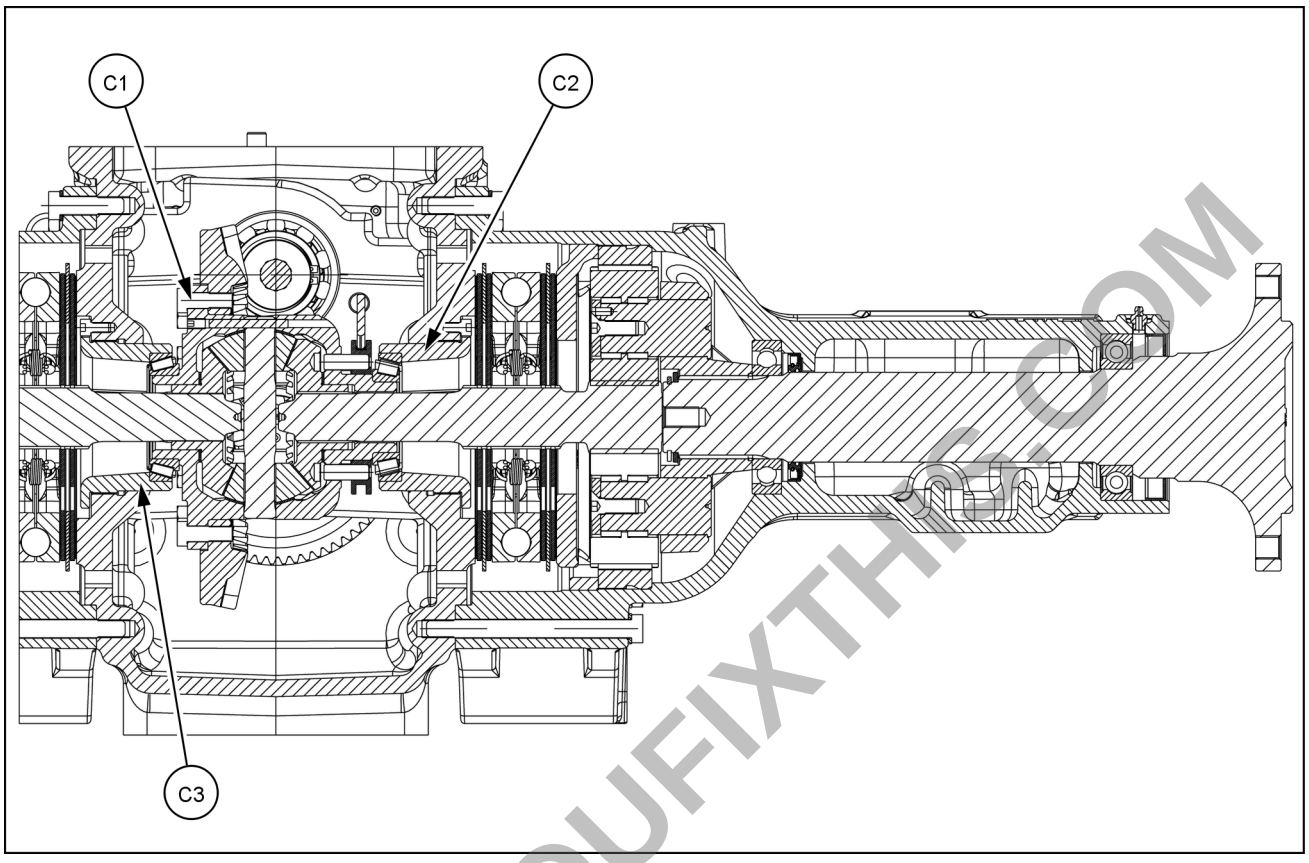


MOIL13TR01388HB 2

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Rear bevel gear set and differential - Torque



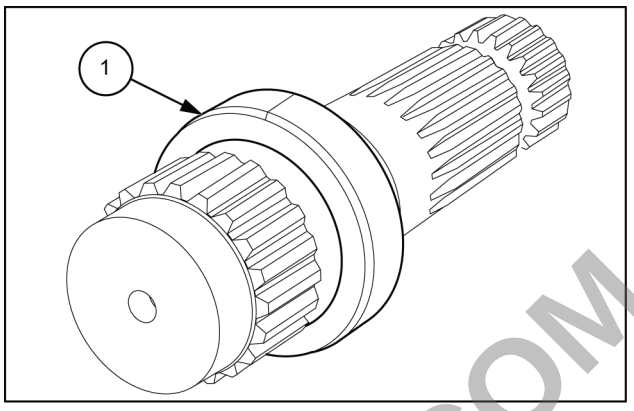
MOIL15TR00254FA 1

Parts to be torqued	Thread	Tighten Torque
Crown wheel to gearbox retaining bolts **(C1)**	M12 x 1.25	**131 - 144 N·m** (**96.62 - 106.21 lb ft**)
Differential bearings support nuts **(C2)**	M120 x 2	**49 N·m** (**36.14 lb ft**)

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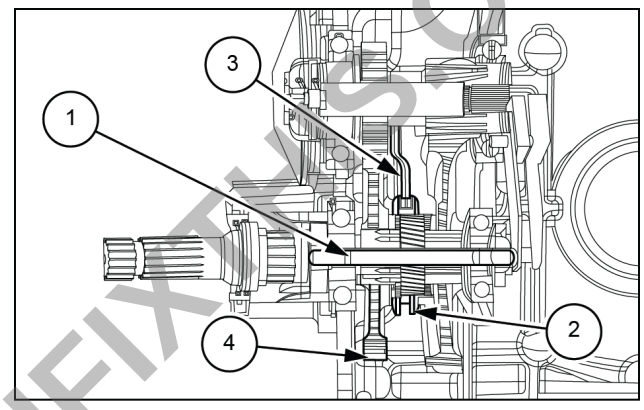
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4. With the **3/8 in** output shaft (21 grooves) **(1)** for **1000 RPM** and without a pin.



MOIL13TR01477AB 4

5. When you fit this output shaft, the central pin **(1)** of the driven shaft of the PTO gearbox does not move. The speed selection sleeve **(2)** is left by the fork **(3)** on the rear of the gearbox, which sets the speed to **1000 RPM (4)**.

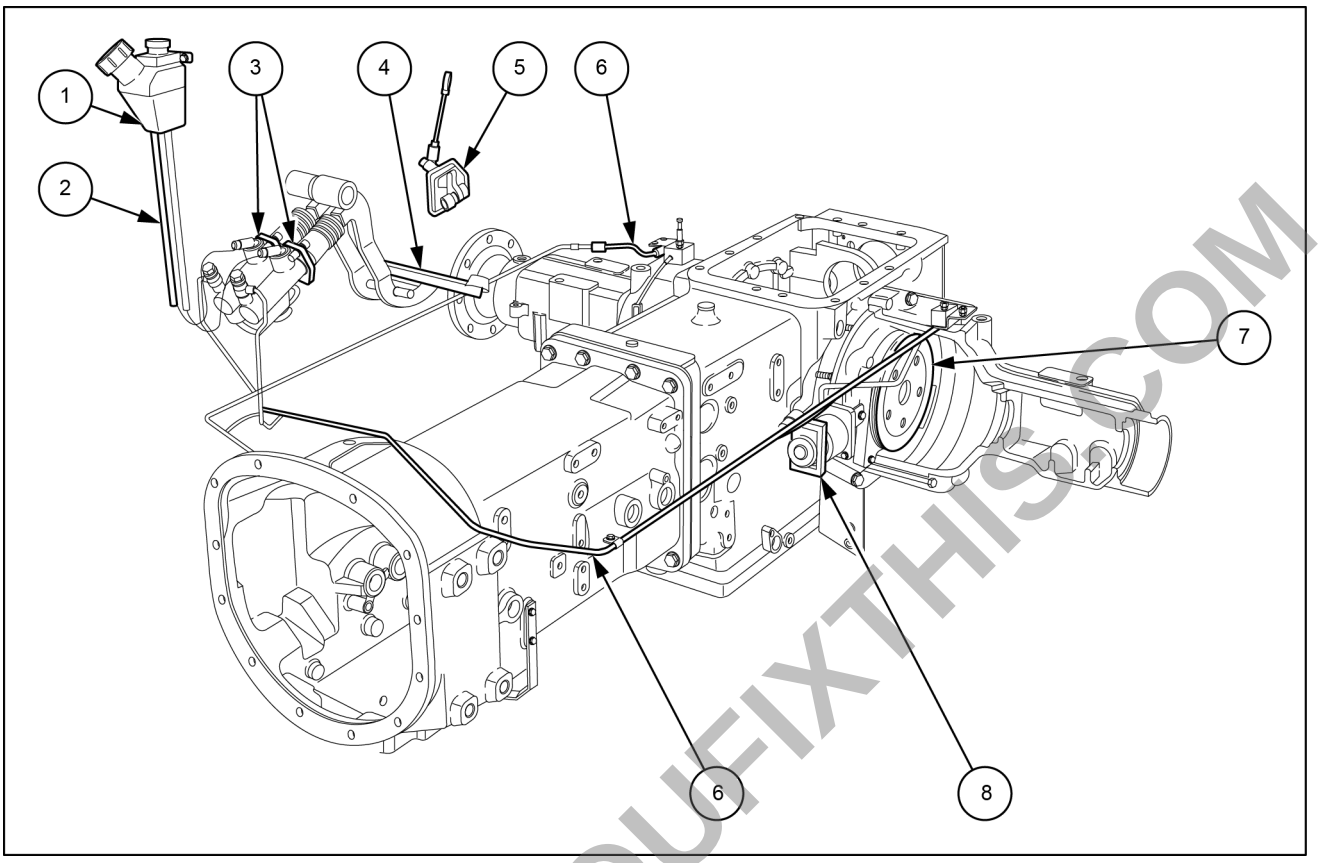


MOIL14UTL0075AA 5

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Hydraulic service brakes - Component localization

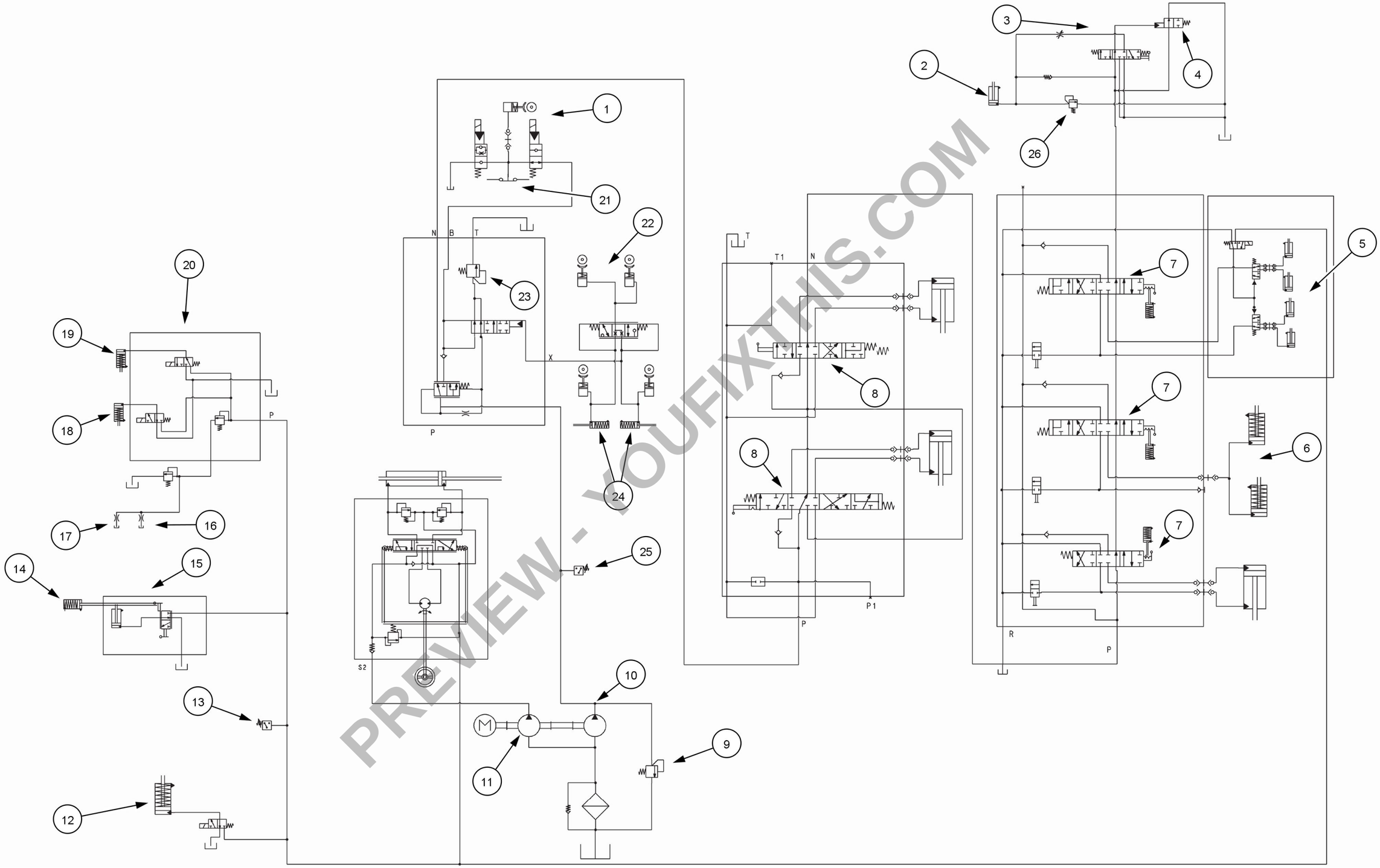


MOIL13TR01794FA 1

1. Brake oil tank
2. Oil supply pipes
3. Brake control pump
4. Brake pedals
5. Control for parking brake lock
6. Brake pipes to slave cylinders
7. Brake caliper and disks
8. Slave cylinder of parking brake

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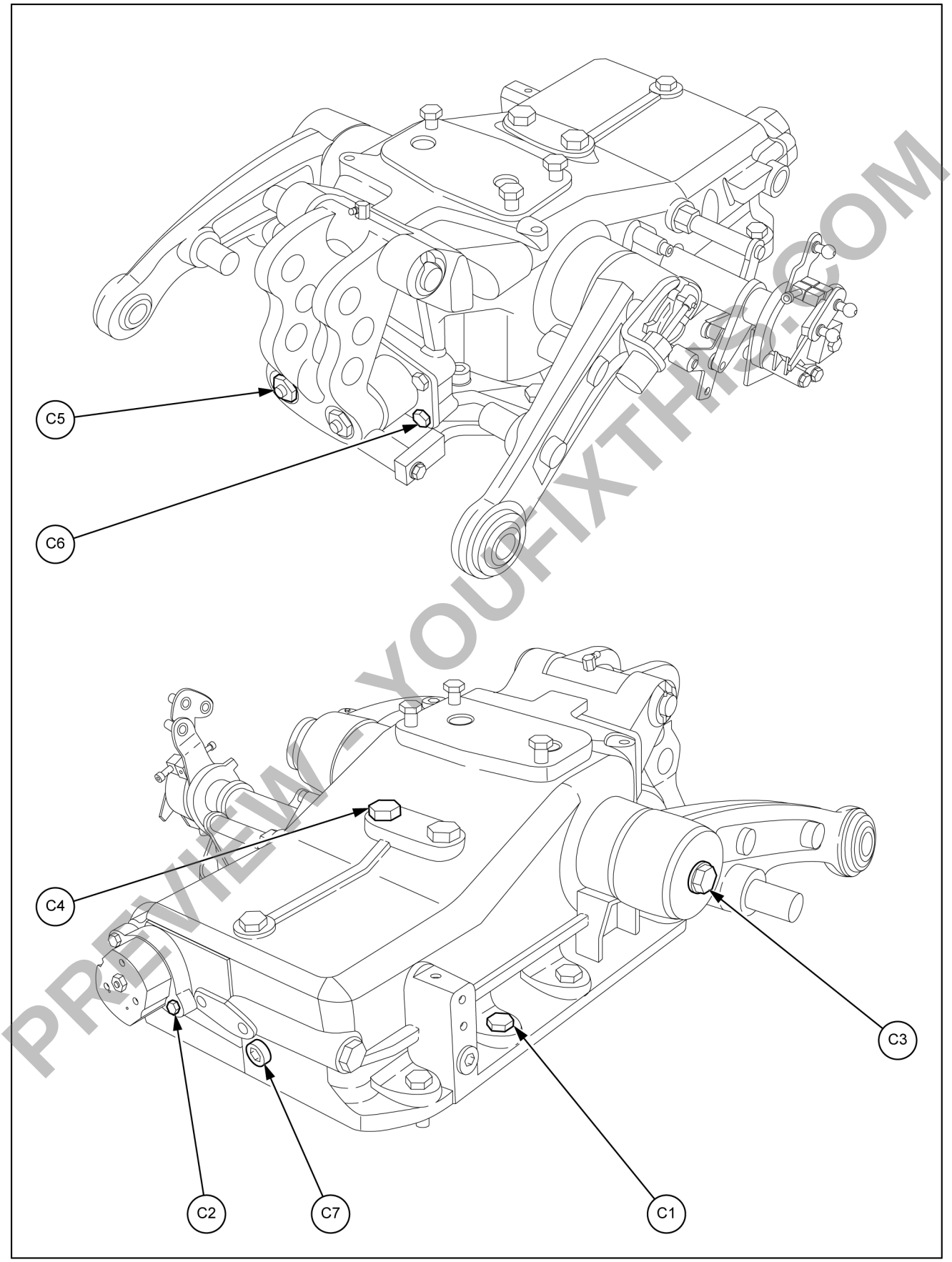


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Rear three-point hitch - Torque

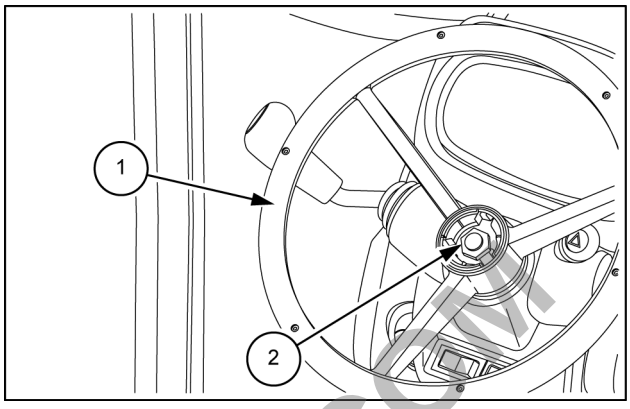


MOIL13TR01342HB 1

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9. Position and secure the steering wheel **(1)**, tighten the nut **(2)** and insert the cover with the logo on the steering wheel.



MOIL13TR01740AA 5

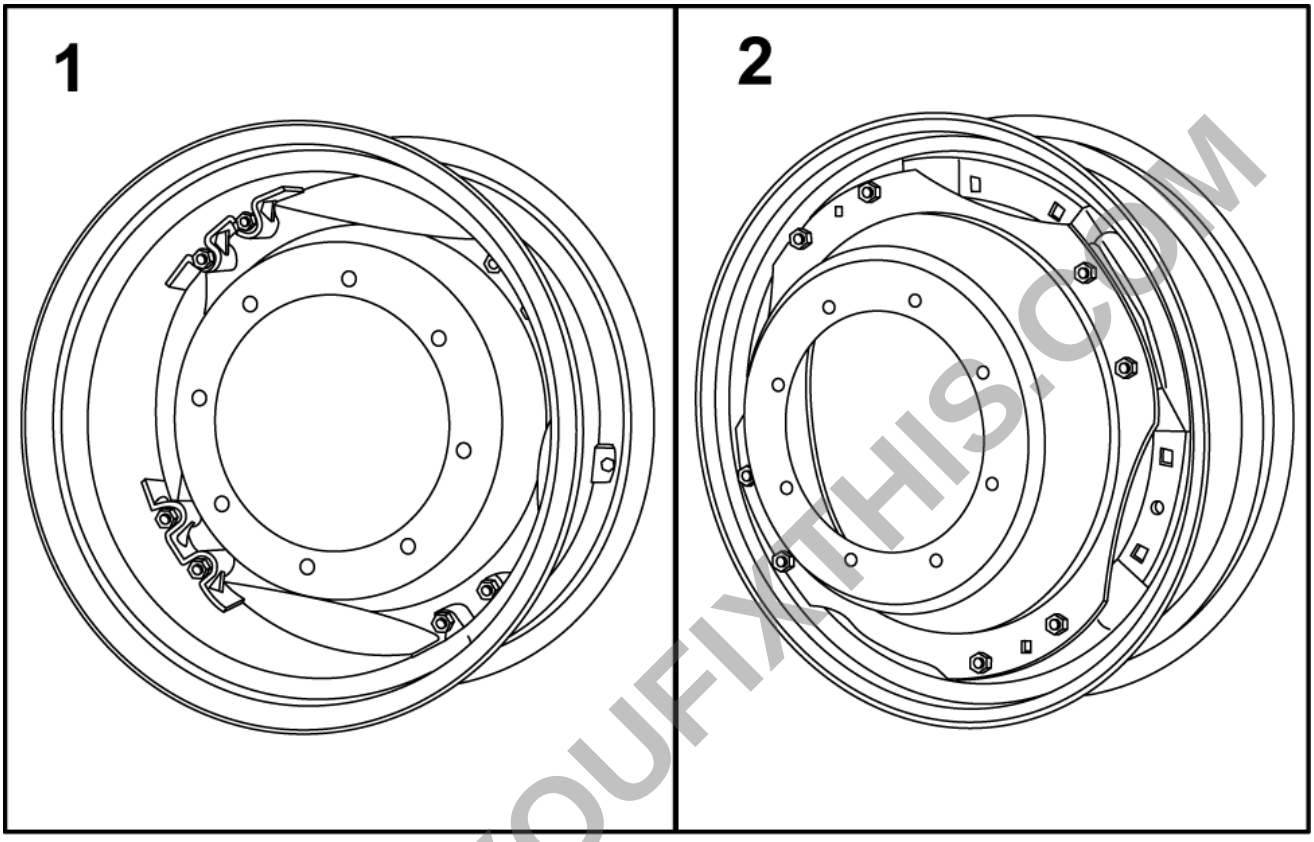
Next operation:
Operator platform less cab - Install (90.110)

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Rear wheel - Torque

Rear wheels - Rear flange axle



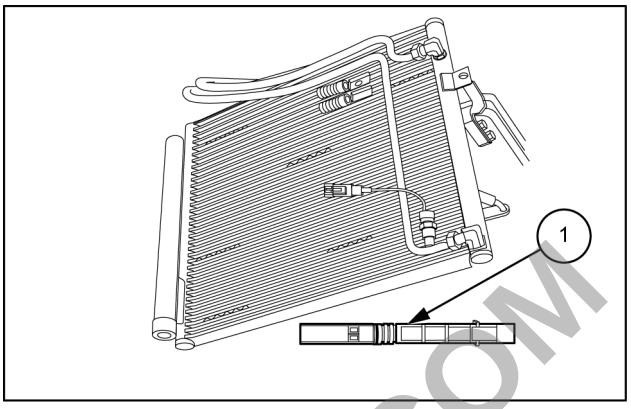
MOIL13TR00011AA 1

Description	Screw to nut tightening torque - Nm (lb ft)
Rear disc to hub nuts	**310.0 N·m** (**228.6 lb ft**)
1. Rear disc to rim nuts	**250.0 - 310.0 N·m** (**184.4 - 228.6 lb ft**)
2. Rear disc to rim nuts	**280.0 - 340.0 N·m** (**206.5 - 250.8 lb ft**)

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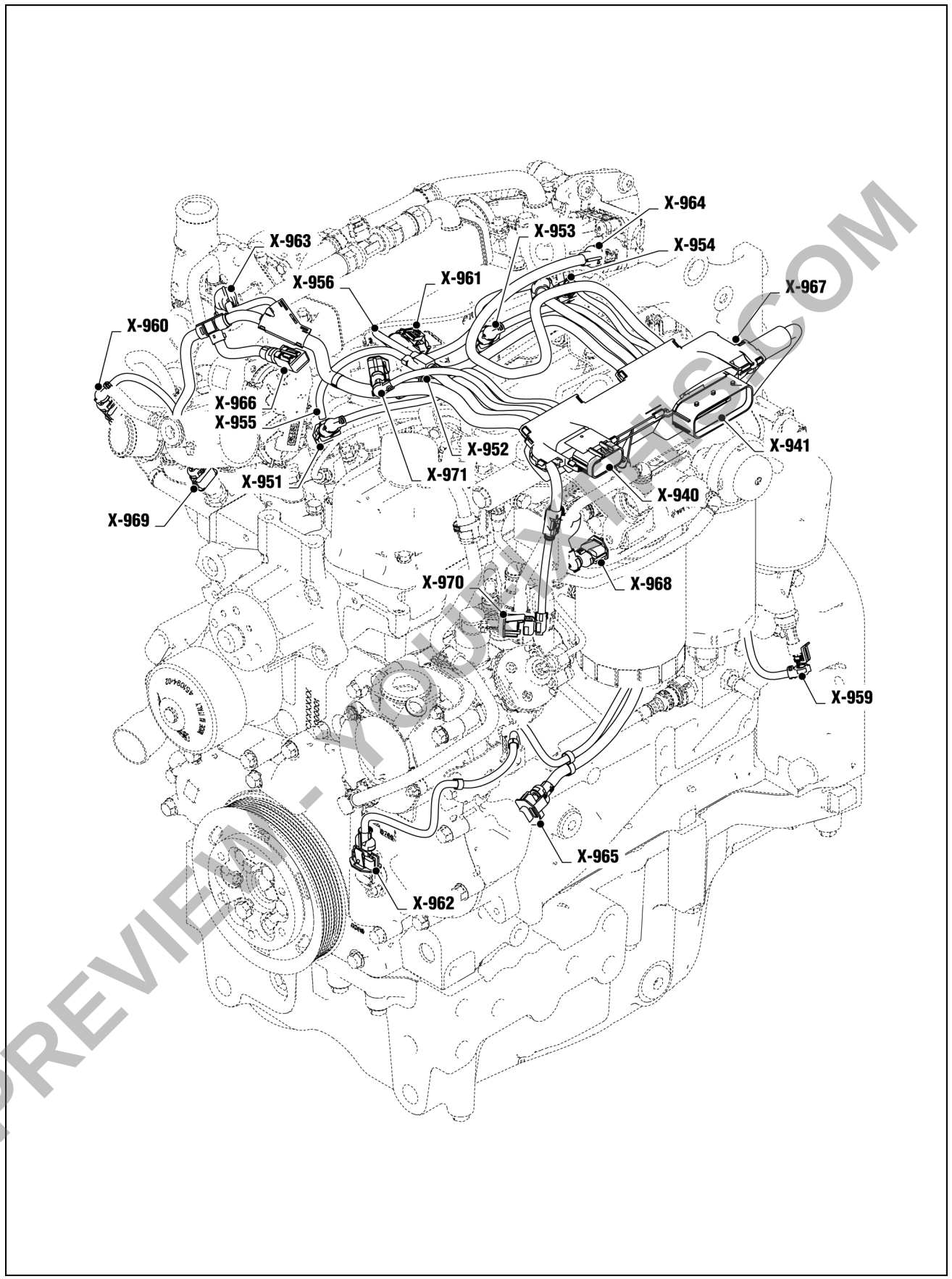
13. Replace the receiver/drier, **(1)**, if one or more of the following conditions occurs before you remove the air and moisture from the system:
    - The system has been open for service before.
    - Receiver/drier has operated two or more years.
    - Disassembly of compressor shows small particles of moisture removing material (gold or brown particles).
    - Large system leak (broken hose or break in a line).
    - Too much air or moisture in system.
    - Removal of compressor caused the system to be opened (uncapped) longer than **5 min**.



MOIL13TR01583AB 8

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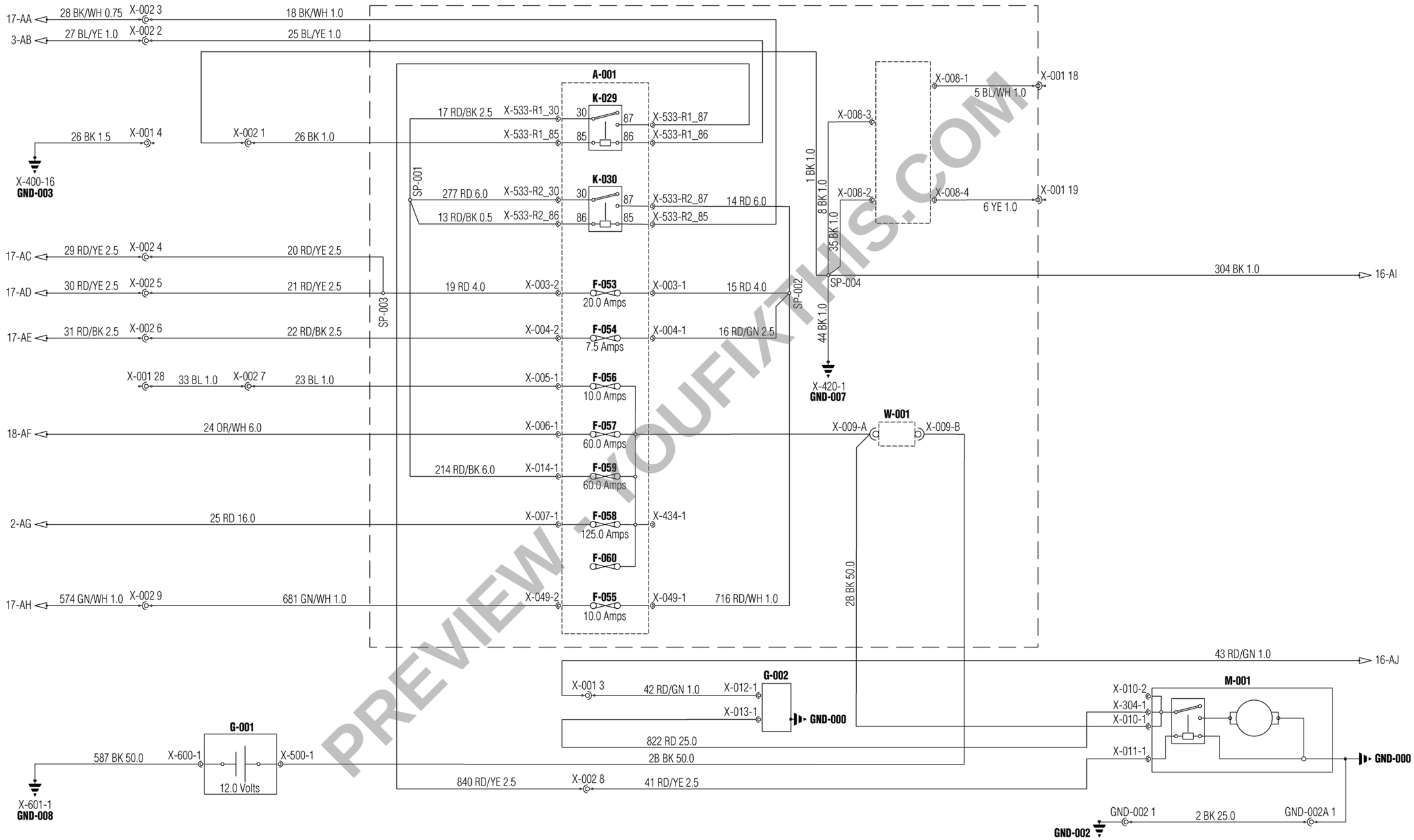
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MOIL12TR00658HA 1

Drawing 01 — LH side engine harness

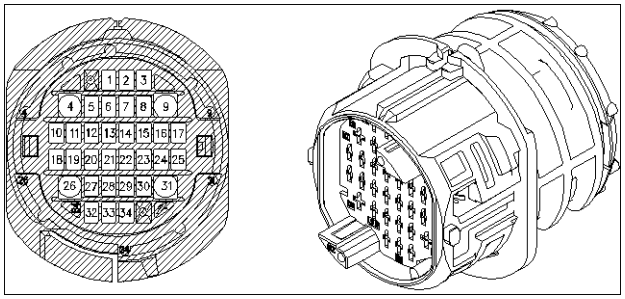
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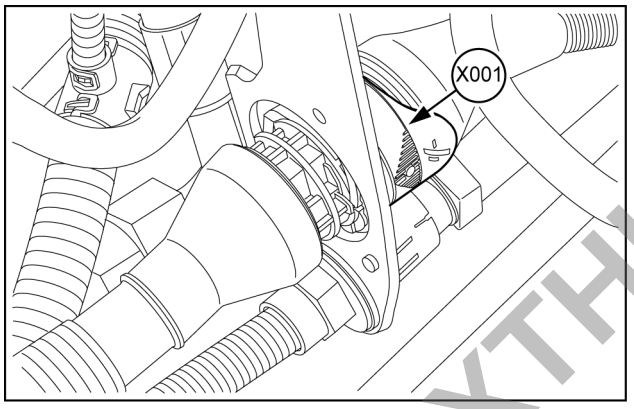
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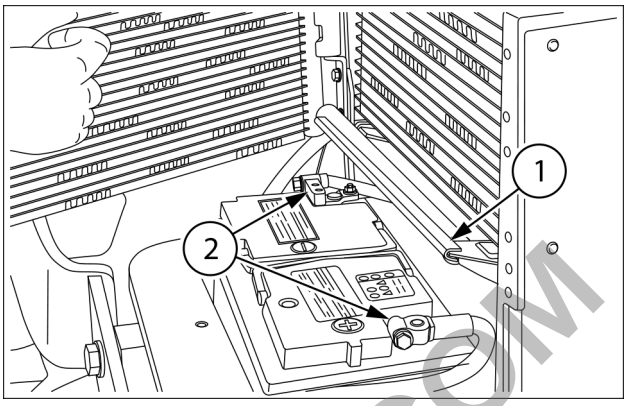


MOIL12TR0358AA 9

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5. After having removed the conveying bracket **(1)** disconnect the electrical connections **(2)** as follows: disconnect and isolate the negative lead, then disconnect the positive lead, and finally remove the battery.



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Electronic modules - 640

T4.105 less cab, with hi-lo transmission [ZxJT0xxxx] , T4.105 less cab, with mechanical or power shuttle transmission [ZxJT5xxxx] , T4.105 with cab, with hi-lo transmission [ZxJT0xxxx] , T4.105 with cab, with mechanical or power shuttle transmission [ZxJT5xxxx] , T4.115 less cab, with hi-lo transmission [ZxJT0xxxx] , T4.115 less cab, with mechanical or power shuttle transmission [ZxJT5xxxx] , T4.115 with cab, with hi-lo transmission [ZxJT0xxxx] , T4.115 with cab, with mechanical or power shuttle transmission [ZxJT5xxxx] , T4.85 less cab, with hi-lo transmission [ZxJT0xxxx] , T4.85 less cab, with mechanical or power shuttle transmission [ZxJT5xxxx] , T4.85 with cab, with hi-lo transmission [ZxJT0xxxx] , T4.85 with cab, with mechanical or power shuttle transmission [ZxJT5xxxx] , T4.95 less cab, with hi-lo transmission [ZxJT0xxxx] , T4.95 less cab, with mechanical or power shuttle transmission [ZxJT5xxxx] , T4.95 with cab, with hi-lo transmission [ZxJT0xxxx] , T4.95 with cab, with mechanical or power shuttle transmission [ZxJT5xxxx]

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Electrical systems - 55

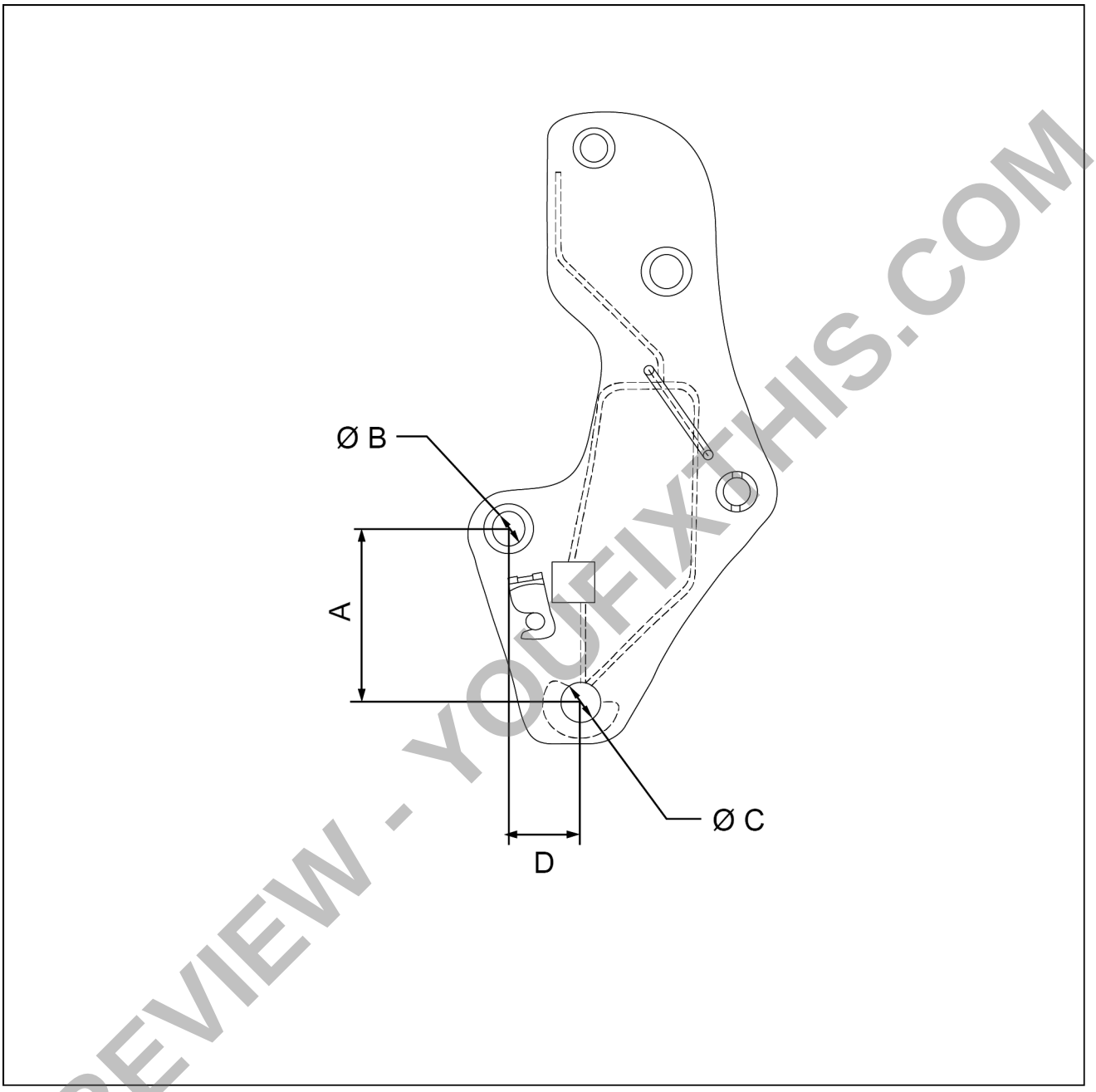
FAULT CODES - DTC

T4.105 less cab, with hi-lo transmission [ZxJT0xxxx] , T4.105 less cab, with mechanical or power shuttle transmission [ZxJT5xxxx] , T4.105 with cab, with hi-lo transmission [ZxJT0xxxx] , T4.105 with cab, with mechanical or power shuttle transmission [ZxJT5xxxx] , T4.115 less cab, with hi-lo transmission [ZxJT0xxxx] , T4.115 less cab, with mechanical or power shuttle transmission [ZxJT5xxxx] , T4.115 with cab, with hi-lo transmission [ZxJT0xxxx] , T4.115 with cab, with mechanical or power shuttle transmission [ZxJT5xxxx] , T4.85 less cab, with hi-lo transmission [ZxJT0xxxx] , T4.85 less cab, with mechanical or power shuttle transmission [ZxJT5xxxx] , T4.85 with cab, with hi-lo transmission [ZxJT0xxxx] , T4.85 with cab, with mechanical or power shuttle transmission [ZxJT5xxxx] , T4.95 less cab, with hi-lo transmission [ZxJT0xxxx] , T4.95 less cab, with mechanical or power shuttle transmission [ZxJT5xxxx] , T4.95 with cab, with hi-lo transmission [ZxJT0xxxx] , T4.95 with cab, with mechanical or power shuttle transmission [ZxJT5xxxx]

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Coupling brackets - Drawing – For MSL systems (with mechanical self-leveling)



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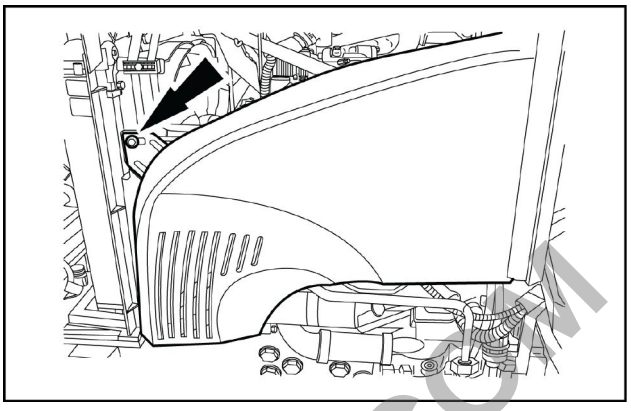
Reference dimensions of the connecting bracket

A= **220.00 mm** (**8.661 in**)
B= **40.00 mm** (**1.574 in**)
C= **50.00 mm** (**1.968 in**)
D= **90.00 mm** (**3.543 in**)

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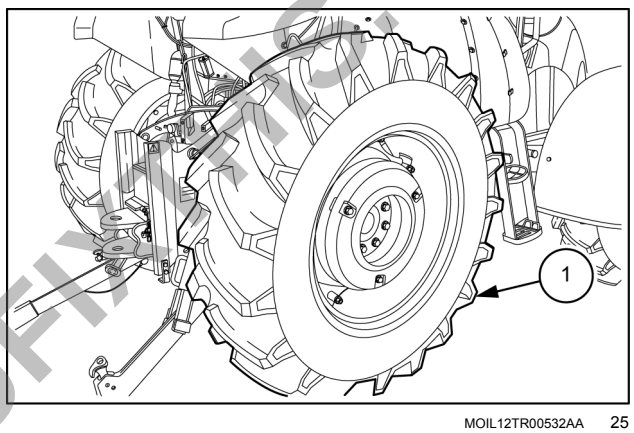
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25. Position and secure the engine cover side panels.



MOLI12U0166AA 24

26. Perform **Hood - Install (90.100)**
27. Position and secure the rear wheels **(1)**.



MOIL12TR00532AA 25

28. Fill the engine cooling system (see 100058311 for the required product and quantity).
29. Perform **Brakes - Bleed (33.202)**
30. Perform the functional test on the air-conditioning system.

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380000405 [Transmission Support Bracket]	Engine - Remove	10.1 / 10
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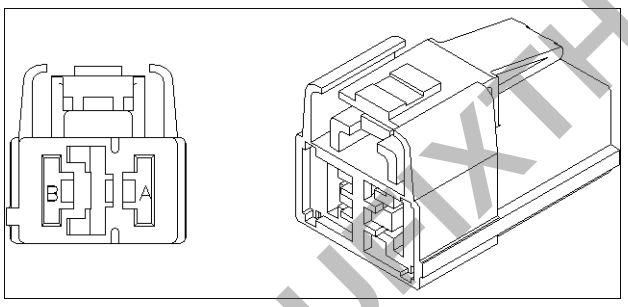
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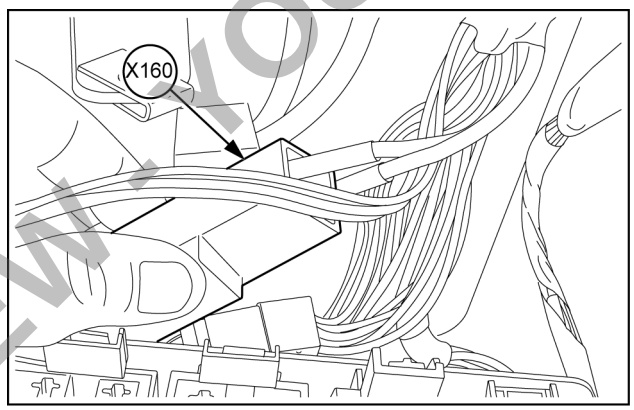
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T4.95 less cab, with mechanical or power shuttle transmission [ZxJT5xxxx]	
T4.95 with cab, with mechanical or power shuttle transmission [ZxJT5xxxx]	

CONNECTOR X-160 - Main harness - roof power intermediate connection

CONNECTOR X-160 - Main harness - roof power intermediate connection		
PIN NUMBER	**WIRE NUMBER**	**CIRCUIT REFERENCE**
A	668 (WH) 768 (BL)	X-160 - Main harness - roof power intermediate connection SP-060 SP-036 X-160Cab Power/ Main Harness Connection
B	491 (BL) 493 (BL)	SP-036 X-160Cab Power/ Main Harness Connection SP-090 X-160 - Main harness - roof power intermediate connection



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