

Tool Instruction Oil Pressure Test Fitting

4328287R1

Tool Number: 12-889-04



0000362199

Figure 1. Oil Pressure Test Fitting.

Purpose

Essential tools to assist in testing oil pressure.

Application(s)

Navistar[®] N9 and N10 (EPA 10)

2015 Navistar[®] N13 (EPA 10)

Application(s) (cont.)



GOVERNMENT REGULATION: Engine fluids (oil, fuel, and coolant) may be a hazard to human health and the environment. Handle all fluids and other contaminated materials (such as filters or rags) in accordance with applicable regulations. Recycle or dispose of engine fluids, filters, and other contaminated materials according to applicable regulations.

! WARNING: To prevent property damage, personal injury, and / or death, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in both directions.




! WARNING: To prevent property damage, personal injury, and / or death, read all safety instructions in the “Safety Information” section of the *Engine Service Manual* or *Engine Diagnostic Manual*.

! WARNING: To prevent property damage, personal injury, and / or death, always wear safe eye protection when performing vehicle maintenance.

! WARNING: To prevent personal injury or death, when routing test leads / hoses, do not crimp or run them too close to moving parts or let them touch hot engine surfaces.

Tool Contents

Table 1

Image	Tool Number	Qty	Description
 <p>0000362264</p>	12-889-04	1	Oil Pressure Test Fitting
 <p>0000362231</p>	S-2577	1	Oil Pressure Test Fitting Case
 <p>0000160075</p>	4328287R1	1	Tool Instruction

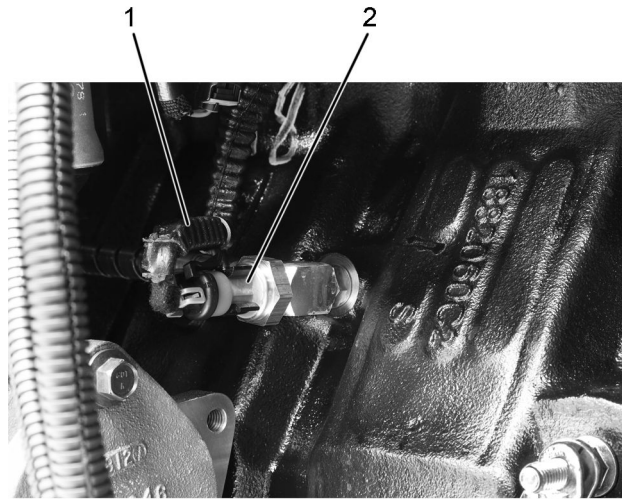
Instructions

Navistar® N9 and N10

1. Bring vehicle into shop and park on flat surface.
2. Shift transmission to Park or Neutral, set parking brake, and install wheel chocks.

NOTE: Engine oil level varies depending on temperature of engine. Shut down engine for 5 minutes.

3. Unlatch and open hood.

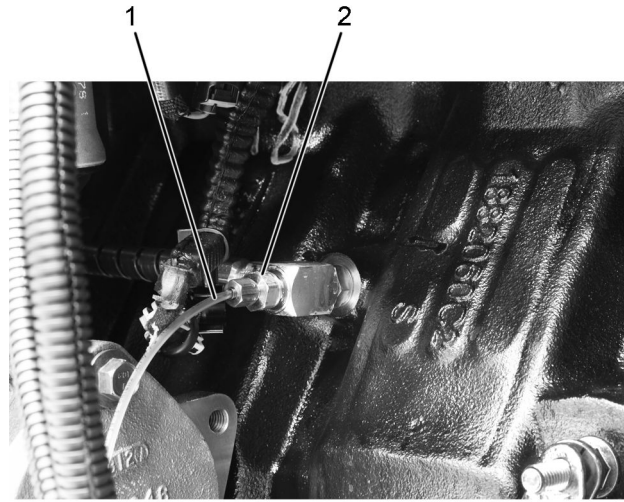


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Figure 2. Engine Oil Pressure (EOP) Sensor – Navistar® N9 and N10.

1. Engine harness
 2. EOP sensor
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4. Disconnect engine harness (Figure 2, Item 1) from EOP sensor (Figure 2, Item 2).
 5. Remove EOP sensor.

Instructions (cont.)



0000362275

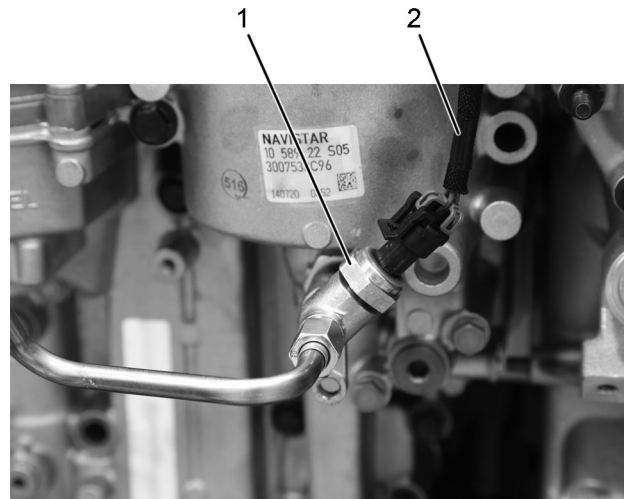
Figure 3. Oil Pressure Test Fitting — Navistar® N9 and N10.

1. Pressure gauge line
2. 12-889-04 Oil Pressure Test Fitting

6. Install oil pressure test fitting (Figure 3, Item 2). Tighten fitting securely into port.
7. Install line from oil pressure gauge (Figure 3, Item 1).
8. Refer to appropriate service manual, service bulletin, or equivalent for detailed testing procedure.
9. Remove oil pressure gauge line.
10. Remove oil pressure test fitting.
11. Install EOP sensor (Figure 2, Item 2) into port. Using torque wrench, tighten sensor to 35 lb-ft (47 N•m).
12. Connect engine harness (Figure 2, Item 1) to EOP sensor (Figure 2, Item 2).
13. Close and latch hood.
14. Remove wheel chocks.

Instructions (cont.)

2015 Navistar® N13



0000362322

Figure 4. Engine Oil Pressure (EOP) Sensor – 2015 Navistar® N13.

1. EOP sensor
2. Engine harness

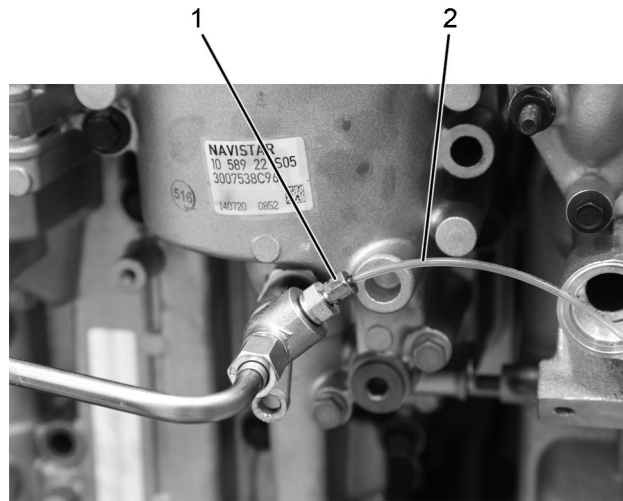
NOTE: Certain components in graphic have been removed for clarity.

1. Bring vehicle into shop and park on flat surface.
2. Shift transmission to Park or Neutral, set parking brake, and install wheel chocks.

NOTE: Engine oil level varies depending on temperature of engine. Shut down engine for 5 minutes.

3. Unlatch and open hood.
4. Disconnect engine harness (Figure 4, Item 2) from EOP sensor (Figure 4, Item 1).
5. Remove EOP sensor.

Instructions (cont.)



0000362302

Figure 5. Oil Pressure Test Fitting – 2015 Navistar® N13.

1. 12-889-04 Oil Pressure Test Fitting
2. Pressure gauge line

NOTE: Certain components in graphic have been removed for clarity.

6. Install oil pressure test fitting (Figure 5, Item 1). Tighten fitting securely into port.
7. Install line from oil pressure gauge (Figure 5, Item 2).
8. Refer to appropriate service manual, service bulletin, or equivalent for detailed testing procedure.
9. Remove oil pressure gauge line.
10. Remove oil pressure test fitting.
11. Install EOP sensor (Figure 4, Item 1) into port. Using torque wrench, tighten sensor to 33 lb-ft (45 N•m).
12. Connect engine harness (Figure 4, Item 2) to EOP sensor.
13. Close and latch hood.
14. Remove wheel chocks.

Contact Information

If you would like to order additional tools or need replacement parts, please refer to the Navistar Service Tool Catalog. If you have questions, concerns, or feedback, please contact Navistar Service Tool Support Center:

- Submit a Service Tool iKnow Case File.
- Phone: 800-365-0088 (toll free).