

NEW HOLLAND

REPAIR MANUAL

70 Series
70A Series

NEW HOLLAND

SERVICE

8701272 6/02

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The following pages are the collation of the contents pages from each section and chapter of the 70/70A Series Repair manual.

The sections used through out all New Holland product Repair manuals may not be used for each product. Each Repair manual will be made up of one or several books. Each book will be labeled as to which sections are in the overall Repair manual and which sections are in each book.

The sections listed above are the sections utilized for the 70/70A Series Tractors.

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SECTION 00 - GENERAL INFORMATION

BOOK 1 - 87018723

Chapter 1 - General Information

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SECTION 10 - ENGINE

BOOK 1 - 87018723

Chapter 1 - Engine and Lubrication System

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SECTION 10 - ENGINE

BOOK 1 - 87018723

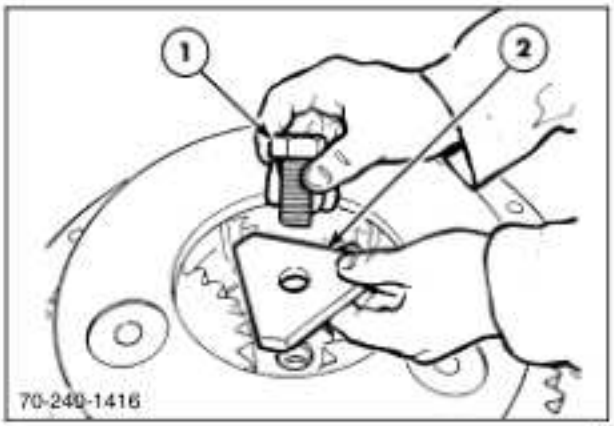
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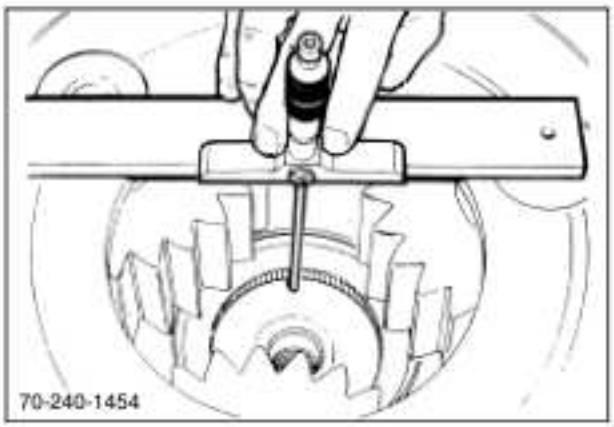
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4. Remove bolt, 1, and washer, 2, after specified rolling torque is obtained.



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5. Use a depth micrometer to measure distance to the axle.

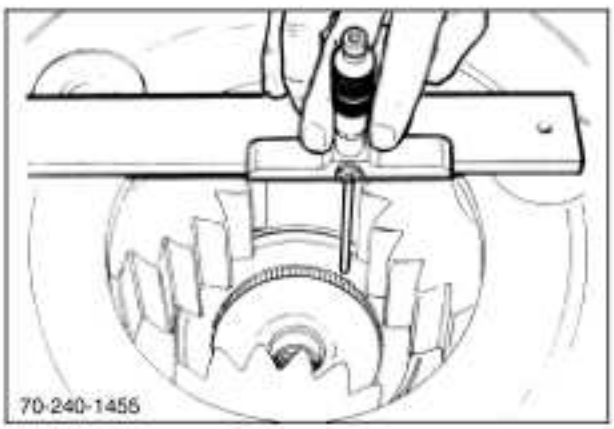


34

6. Measure distance to the planetary carrier.
7. Subtract measurement obtained in Step 6 from dimension obtained in Step 5. The remainder is the thickness of the shim pack.

EXAMPLE:

Step 5 dimension	53.34 mm	(2.100")
Step 6 dimension	- 52.07 mm	(2.050")
Shim pack	1.27 mm	(0.050")



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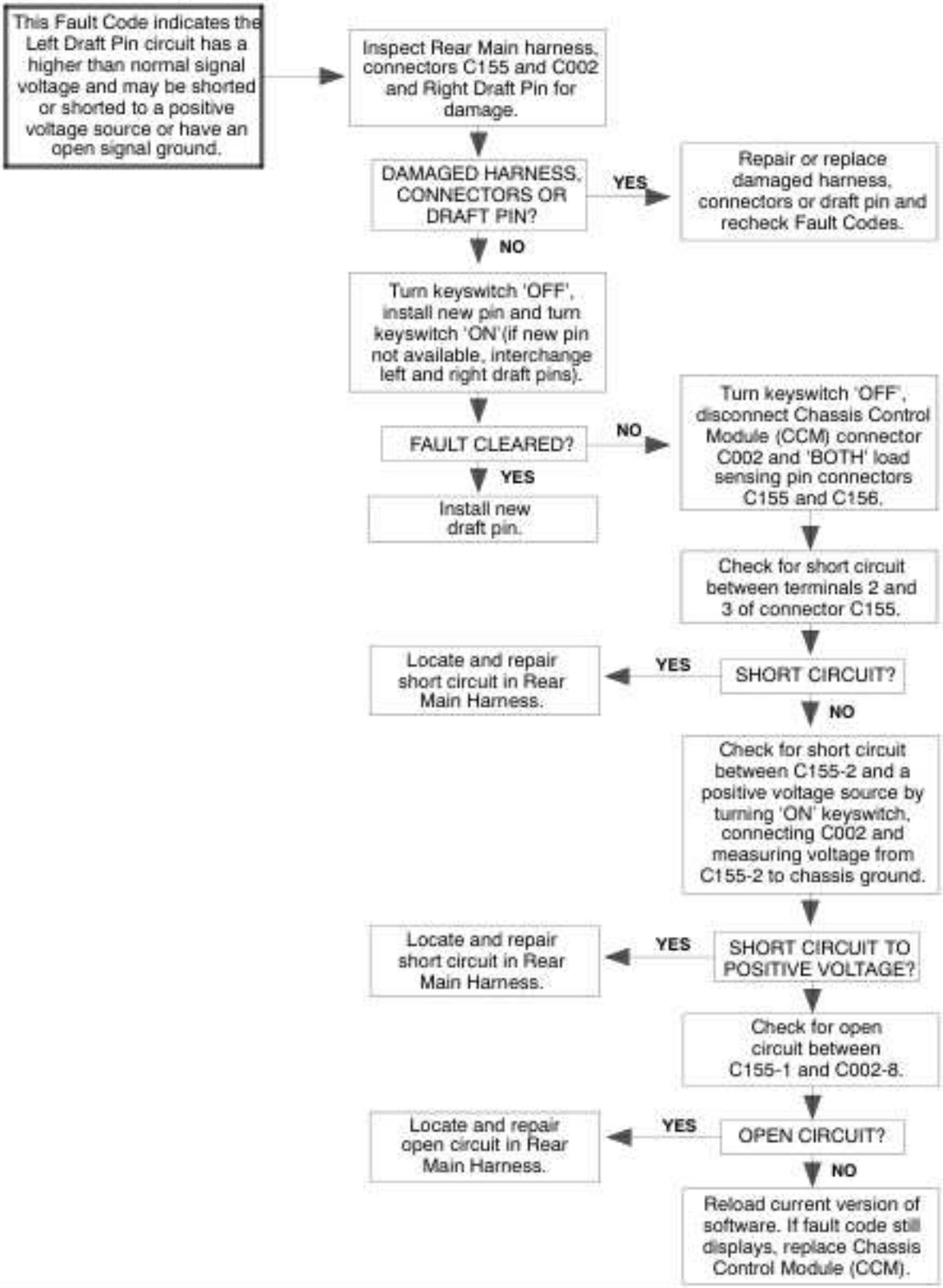
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F017

FAULT CODE F017 - LEFT DRAFT PIN FAILED HIGH OR SHORT

***NOTE:** Refer to "Diagnostics Procedure Overview and Checklist" (page 55-2 of this chapter) and "Troubleshooting Checklist" (page 55-5 of this chapter) before performing the procedures on this fault code.



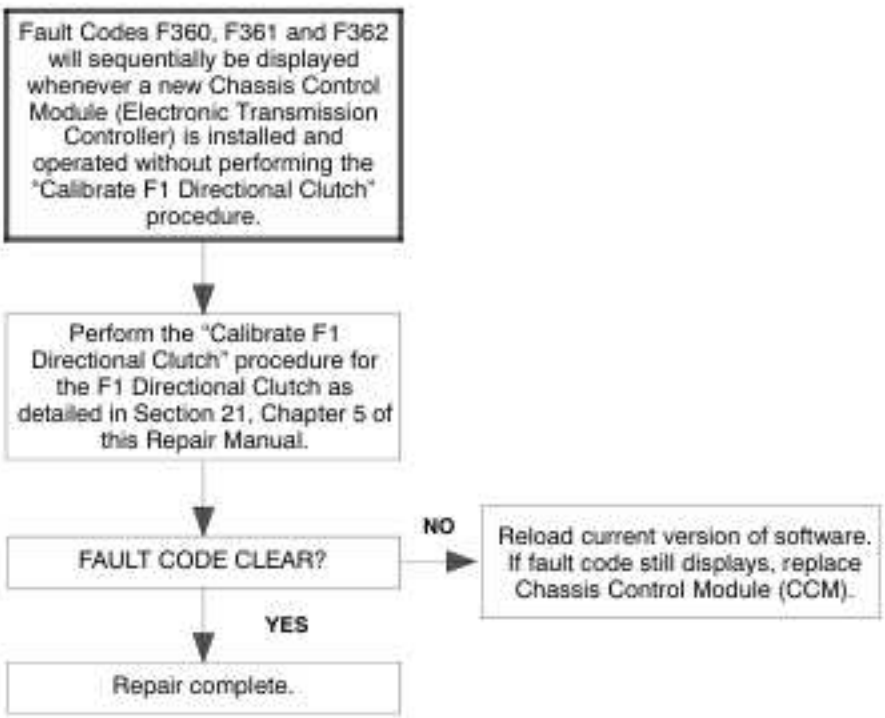
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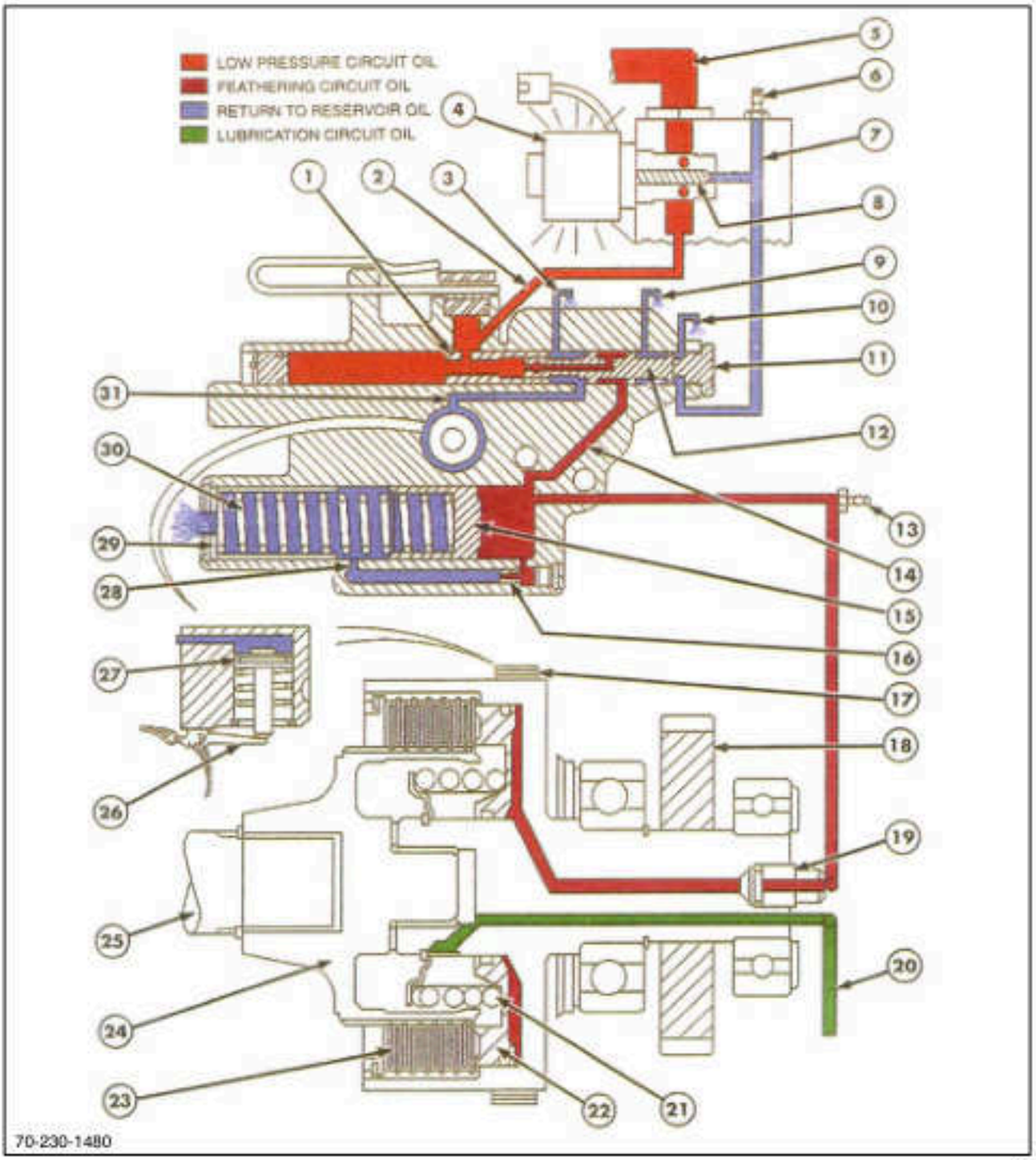
F360

FAULT CODE F360 - F1 (FORWARD) CALIBRATION OFFSET CONSTANT

***NOTE:** Refer to "Diagnostics Procedure Overview and Checklist" (page 55-2 of this chapter) and "Troubleshooting Checklist" (page 55-5 of this chapter) before performing the procedures on this fault code.



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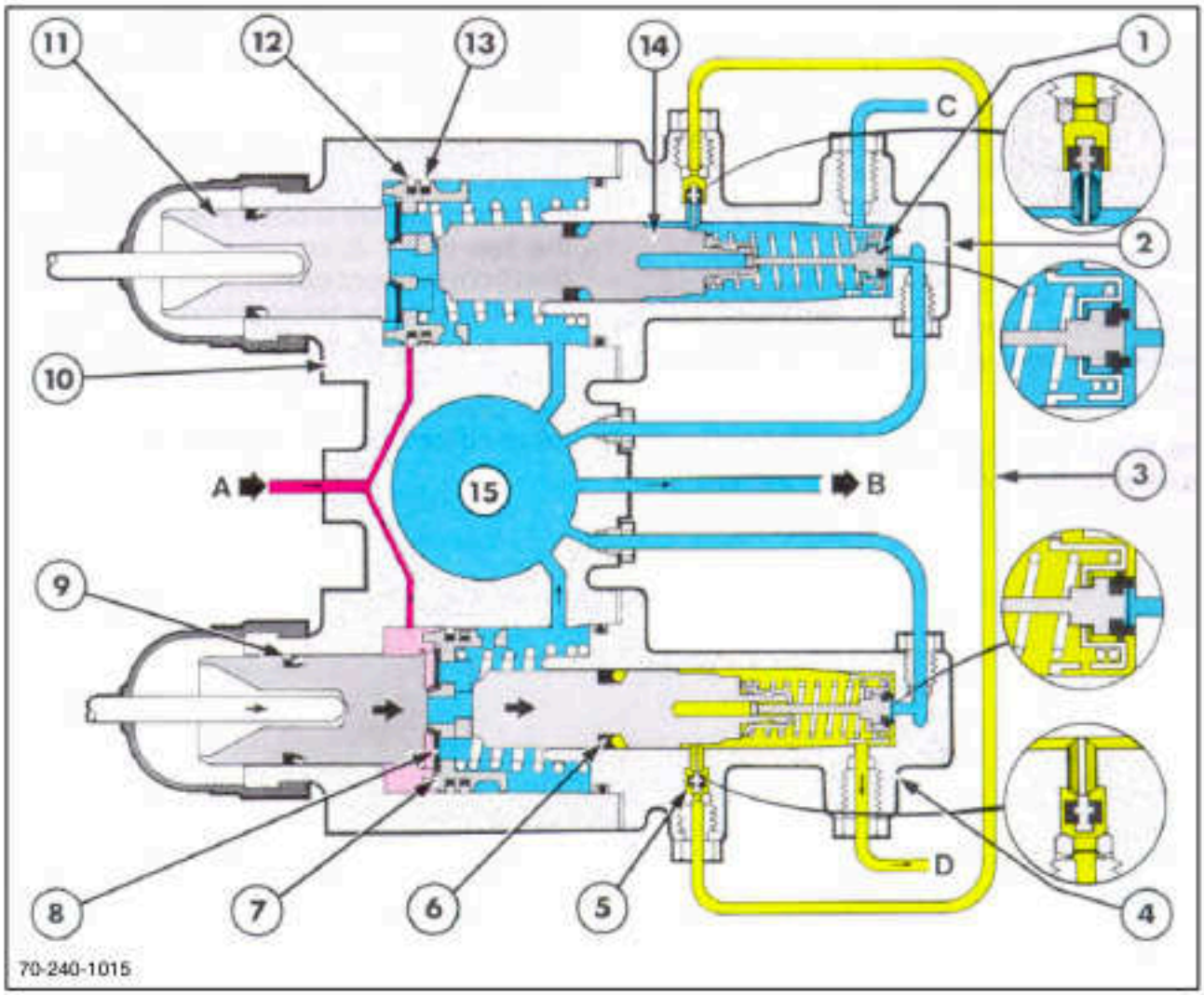


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PTO Feathering

1. Sleeve
2. Apply oil
3. PTO brake vent
4. Solenoid coil
5. Regulated low-pressure oil supply
6. Pilot pressure test port
7. Pilot oil
8. Solenoid poppet
9. Clutch vent
10. Pilot oil vent
11. End cap
12. Spool
13. Clutch pressure testport
14. Clutch oil passage
15. Feathering piston
16. Feathering orifice
17. Brake band
18. PTO gear
19. Connector
20. Lubrication oil
21. Piston return spring
22. Clutch piston
23. Clutch discs
24. Hub
25. PTO input shaft
26. Brake band actuator
27. PTO brake piston
28. Feathering bleed hole
29. Feathering spacer
30. Feathering spring
31. Brake oil passage

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5

Power Brake Valve with Single Pedal Operation and Brake Applied

Low-Pressure Hydraulic Circuit Oil

Boost Pressure Oil

Brake Pressure Oil

Return to Sump Oil

1. Center valve seal
2. Master cylinder
3. Bridge pipe
4. Master cylinder
5. Flow valve
6. Seal
7. Boost piston
8. Flap valve
9. Seal
10. Booster housing
11. Input plunger
12. Rear P.T.F.E. seal
13. Front P.T.F.E. seal (with groove)
14. Master cylinder plunger
15. Reservoir

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