

FORD 4R70W, 4R75W

Value Added Quality Improvements from JASPER

Issue / Concern:

Loss of Forward Gears

JASPER Solution:

- 100% installation of a NEW updated heavy-duty forward drum, with a solid snap ring groove (2005 and later) to eliminate fatigue due to higher pressure and multiple engagements.

Gear Train Noise and Engagement Loss

- 100% installation of heavy-duty 5R110 planetary roller bearings, utilizing JASPER's exclusive tooling.

Direct Clutch Failure, Loss of 3rd & 4th Gears

- All units include a 6-plate direct clutch for improved durability.
- Installation of an additional third plate on the separator plate to prevent direct clutch failure.

Intermediate Clutch Failure, Loss of 2nd Gear

- Snap ring on the intermediate clutch is replaced with a wrap-style snap ring and staked retainer to prevent the snap ring from popping off causing intermediate sprag failure and eventual unit failure.
- Installation of a 4-plate intermediate clutch to increase torque capacity and decrease premature failures.

Delayed Reverse, Shudder in Reverse

- 100% Boost valve kit replacement (high wear point) to prevent delayed reverse, reverse shudder, and poor reverse boost.

Low Line Pressure, Delayed Engagement

- 100% pressure regulator valve replacement (high wear point) to prevent low line pressure rise, soft shift, and delayed engagement.

Harsh 2-3 Shift, Loss or Slipping of Forward Gears

- JASPER Exclusive - 100% installation of updated synthetic rubber-molded accumulator piston to reduce wear.

Low Pressure, Harsh Shifts

- 100% replacement of low servo modulator spring to maintain manual low pressure.

Front Seal Leak, Pump Noise

- Finish-in-place bushing and lathing process ensures pump bushing concentricity and alignment to improve bushing to converter hub contact and prevent front seal leaks, pump noise, and fluid contamination.

POLICE APPLICATIONS:
Broken Intermediate Sprag,
Loss of 2nd Gear,
Direct Clutch Failure

- Rooster comb modified to prevent low roller sprag failure.
- Police applications include a 7-plate direct clutch for increased durability.

**3 Year/100,000 Mile
Nationwide
Parts & Labor Warranty**



Remanufactured in the U.S.A.

815 Wernsing Road • P.O. Box 650 • Jasper, IN 47547-0650
(800) 827-7455 • Fax (812) 634-1820 • www.jasperengines.com

Full warranty disclosure available at
www.jasperengines.com or upon request.
Specifications subject to change without notice.

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Dynamometer Testing

- 100% dynamometer tested for proper gear ratios, line pressure, cooler pressure and flow, and noise. Direct and forward clutch are tested, on and off, to verify that there are no cross leaks between the two.

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