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# Chrysler 68RFE

## Value Added Quality Improvements from JASPER®

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### Common Failure / Concern:

### JASPER Solution:

Underdrive/Overdrive clutch failure,  
burnt clutches

- JASPER® installs additional friction discs in the Underdrive clutch (12 discs total compared to 10). This provides a 20% increase in torque capacity.
- 100% installation of the Sonnax Smart Tech® drum on all 68RFE transmissions. This drum utilizes double-sided friction plates with a higher heat capacity, preventing heat related clutch plate warping.
- JASPER's 68RFE Transmissions with the Sonnax Smart Tech® drum include a larger piston surface area, resulting in a 16% increase in overdrive clutch torque capacity, compared to OE applications.

Pump Cover leaking

- 100% installation of NEW pump bushing.
- JASPER's updated pump gear has a tighter fit with the converter hub at the drive lugs to reduce engagement play and noise.

Burning of torque converter lining

- 100% replacement of converter lining.

Delayed engagement caused by  
converter draining

- JASPER blocks the pump channel in early pumps to replicate the late pump design, preventing converter drain.

Loss of cooler flow and overheating

- JASPER installs an anodized aluminum TCC limit valve and sleeve on early models to prevent hydraulic leaks and future wear.

Harsh TCC engagement because of  
breakage of the TCC accumulator  
spring

- 100% replacement of TCC accumulator spring with an improved design to prevent spring failure.

Loose accumulator cover

- JASPER applies a thread lock on accumulator cover bolts to prevent the cover from becoming unsecured from the valve body.

High transducer, speed sensor failure  
rate

- 100% installation of NEW pressure transducer.

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



**Remanufactured in the U.S.A.**

Full warranty disclosure available upon request.  
Specifications subject to change without notice.

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

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Vibration, converter shudder, broken  
converter springs

- JASPER 100% replaces dampener springs with new springs on stock converters.

Reliability

- All units are fluid tested.
- Each solenoid pack and range sensor is tested to ensure proper function.
- All cooler filter bypass valves are tested for proper function.
- Every unit is dynamometer tested.

**Heavy-Duty Units Only:**

Converter Lock-up Slip/Front Cover  
Cracking

- Sonnax Triple Disc Converter kit option.
- The Sonnax Triple Disc Converter kit includes an additional friction disc providing a 50% increase in lockup torque capacity.
- The kit also comes with a durable damper assembly, designed to work with the triple disc system, providing a smooth lockup application.
- The Triple Disc Converter kit has a billet front cover with thicker walls, stronger mounting pads, and an integrated pilot resulting in a front cover that will not crack.

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