Pre-Authorized Warranty Repair Guideline RWRG0032

RWRG0032 - Output Looseness

Symptom(s)
- Vibration
- Noise
- Loose tone wheel
- Rear seal leakage
- Excessive movement of the output shaft

Cause
The output bearing may have started to fail or may have simply become loose.

Repair Guideline
Slight output radial (up and down) looseness is acceptable. If the output system is excessively loose causing a vibration complaint and/or rear seal leak, it should be addressed:
1. Disconnect the driveline and re-torque the nut.
2. If the output movement is eliminated:
   a. Install a new nut (4306520) and torque it to 650-700 lb-ft. Repair is complete.
3. If the output system is still loose:
   a. Remove the nut and yoke.
   b. Clean and lubricate the output shaft splines.
   c. If the rear seal has been leaking, install a new rear seal and visually inspect the output bearing.
   d. Reinstall the yoke and nut. Torque to spec.
   e. If the output movement is eliminated, install a new nut (4306520) and torque it to 650-700 lb-ft. Repair is complete.

Note: After performing the above procedures, if the output system continues not to tighten properly:
See Repair Guideline RWRG-0033 (Output Bearing Failure)

Warranty Labor
- Seal replacement time per OEM SRT

Warranty Coding
Part: 4302321
Complaint: Vibration
Failure: Loose

Warranty Claim Filing
Reference warranty coverage. File pre-authorized warranty claim through appropriate OEM or through Direct Pay. Reference guideline number RWRG0032 in warranty claim text.

Note: Repairs that exceed parts and labor parameters cannot be pre-authorized.

Filing through Direct Pay
Click here for Direct Pay submission guidelines and claim forms:

Parts Disposition
Parts can be scrapped.

Warranty Disclaimer
If the failure is not the result of an accident, damage, negligence, abuse or misuse, improper installation or maintenance or any other conditions described in the Limits and Exclusions section of Warranty Manual TCWY0600, available on Roadranger.com, then Roadranger will treat the condition as covered under its warranty. However, this conclusion does not necessarily mean that a defect in fact exists. In all cases, Roadranger shall make the final determination and interpretation as to the warrantability of the Product.

Warranty Parts
- Output nut (4306520)
- Seal kit (if needed)

For part numbers refer to the Eaton InfoRanger site, www.inforanger.roadranger.com, or a current IPL.