

Legacy Design Cobra Shifter Failures

Symptom(s)

Legacy design Cobra shifter displays one of the following:

- Gear shifter is loose
- Gear shifter will not lock into gear position
- Gear shifter has excessive movement side to side
- Up/Down shift button missing
- Gear indicator light stays on all the time



Cracked body inside of shifter



Missing up / down shift buttons

Causes

Legacy design Cobra shifter failures can be caused by the following:

- Crack is located inside the body of shift lever
- Loose lever shaft set screws
- Cracked/broken reed switches

Repair Guideline

1. Determine if Cobra Shifter is a legacy or new design.



LEGACY DESIGN



NEW DESIGN

- If Cobra Shifter is legacy design, go to Step 2.
- If Cobra Shifter is new design, call RoadRanger Call Center at 1-800-826-4357 to file claim.

Pre-Authorized Warranty Repair Guideline RWRG0064

2. Remove 4 ¼-20 fasteners securing Cobra lever to tower/mounting bracket.
3. Discard ¼-20 fasteners.
4. Disconnect the lever harness connector.
5. Remove old Cobra lever.
6. Reconnect lever harness connector to new 430544G. Insert Cobra lever into tower/mounting bracket.
7. Insert Cobra lever into tower/mounting bracket.
8. Line up through holes in tower/mounting bracket to threaded studs in Cobra lever frame.
9. Install and torque the included M6 fasteners to 6-8 lbs. ft.

Warranty Labor

When diagnosing the Cobra Shifter complaint Eaton Corporation will pay OEM SRT diagnostic time.

Warranty Coding

- ATA Code: 4305447
- Failed Part #: Use Correct PN
- Complaint Code: Varies by complaint
- Failure Code: Varies by failure
- Responsibility Code: RTW COMMITMENT (601)

Warranty Claim Filing

Reference warranty coverage. File pre-authorized warranty claim through appropriate OEM or through Direct Pay. Reference guideline number RWRG0064 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

Return Cobra shifter if vehicle has an in-service data within 18 months.

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, 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.