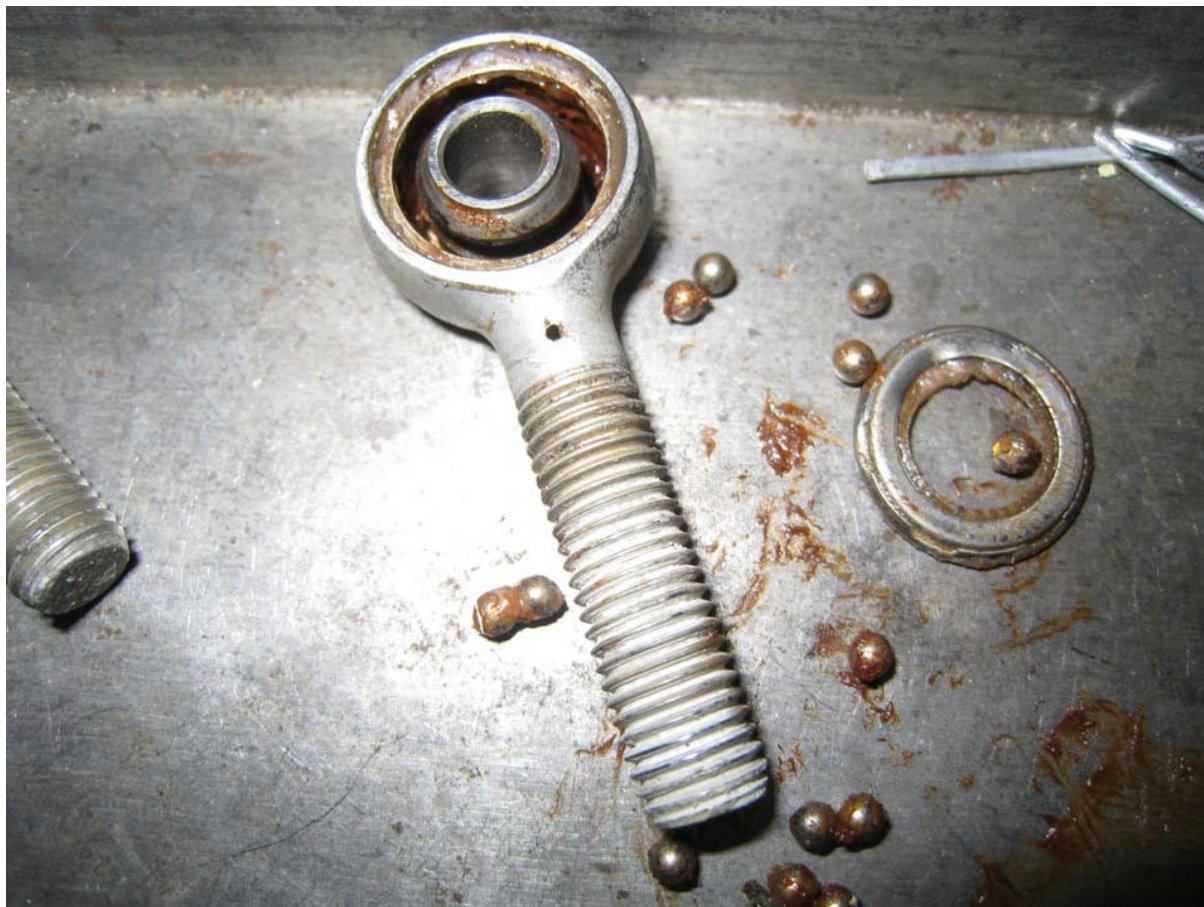


Hawker 800XP, Failed Elevator Trim Rod-ends, ATA 2731

A submitter writes, "When conducting a maintenance preflight inspection, the technician noticed rust stains coming from the aft rod-ends (*P/N CN635MESP56*) of the elevator trim tab rod on both left and right elevator trim tabs. Further inspection revealed the grease seals on one end of both the left and right trim tab rod-ends had come off, and the ball bearings were mostly missing. Fortunately, the other rod-end on each of the trim tabs was still intact. However, rust stains were also noticed coming through these grease seals. In the process of replacing the rod-ends, it was noticed that TKS deicing fluid had penetrated into the hollow inner portion of the trim tab control rod, (*but*) no evidence of corrosion existed.

"Recommendation: Conduct a close-up visual inspection of the elevator trim tab rod-ends for rust staining and grease seal separation on an annual basis. Any time rust staining is observed coming out of the rod-ends, replace them. At each 48-month inspection, remove the rod-ends and visually inspect the control rods for corrosion."



Part Total Time: 4,520.0 hours

Lear: 45;

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Total Part Time: 18,045.0 hours