

B737-800

MAIN LANDING GEAR FORWARD TRUNNION PIN SEAL / TRUNNION PIN DAMAGE.

Installation Post SB 737-32-1448

Both cases (three Main Landing Gears) are aircraft having the installation completed prior delivery to SAS.

YQ333

Serial: 41266 _ TSN: 19568 _ CSN: 12275

LH Main Landing Gear

YK699

Serial: 41258 _ TSN: 20532 _ CSN: 12551

LH / RH Main Landing Gears

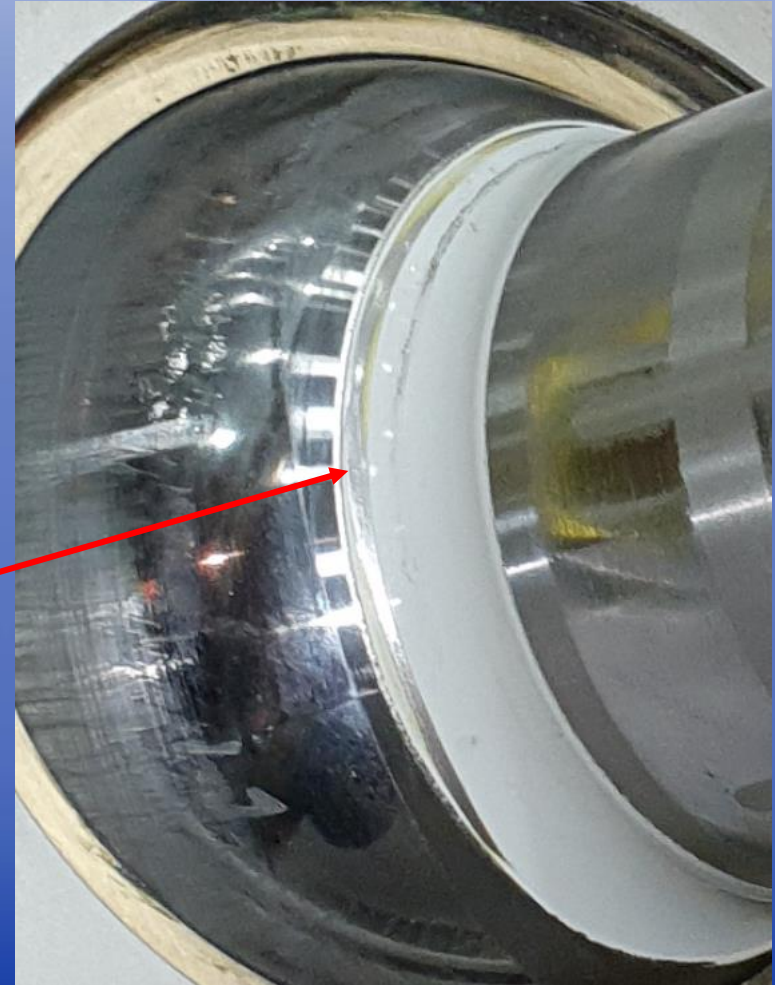
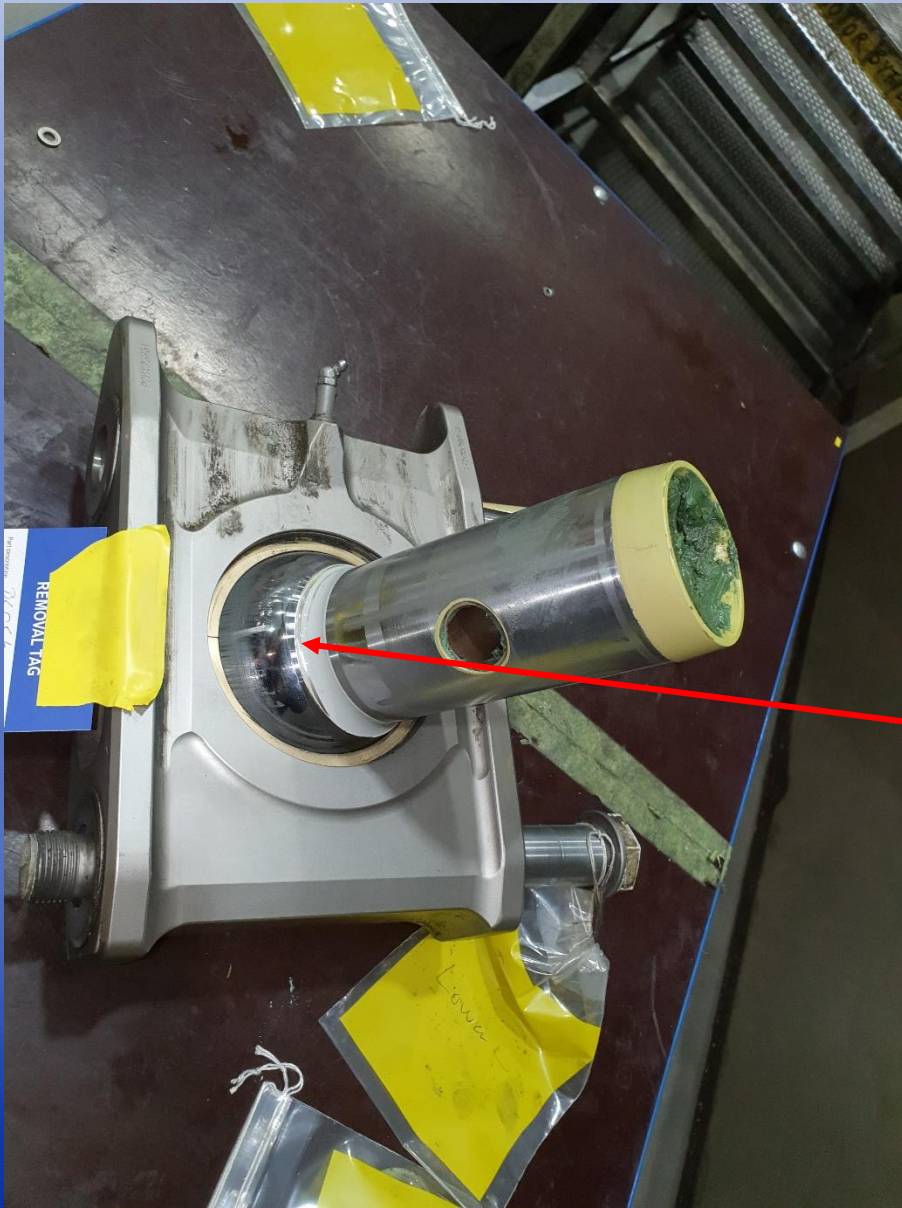


Forward Trunnion Seal _ Migration History

- Scandinavian Airline System do have cases reported showing the main landing gear forward trunnion pin seal migrated and clearly out of position looking directly to the trunnion pin with the landing gear installed.
- The problem is observed while doing the mandated inspections per SB 737-32-1448 R02 and FAA AD 2019-01-03.
- Both cases resulted in disassembly of the main landing gears mainly to replace the affected seals P/N 5649-0615-369. At removal we observe further damage to the trunnion pin backside with wear marks.
- The cases reported ended with trunnion pin P/N 161A1188-9 and seal P/N 5649-0615-369 replacement.









The inspection per AMM Task 57-16-01-200-801 checking for wear is performed without any remarks.

Ball joint checked for chrome wear and/or surface roughness without any remarks.



Damage observed to the seal back side at the area not clearly visible with the main landing gear installed using standard inspection methods set for detailed inspections.

