

R66 SERVICE BULLETIN SB-11

DATE: 8 December 2014

TO: R66 Owners, Operators, and Maintenance Personnel

SUBJECT: Tail Gearbox Sight Gage

ROTORCRAFT AFFECTED: R66 helicopters S/N 0002 thru 0541, 0547, and 0551.

NOTE: Spare C021-1 tail gearboxes must be equipped with B563-4 sight gage prior to installation on R66 helicopters.

TIME OF COMPLIANCE: Within next 100 flight hours or by 28 February 2015, whichever occurs first.

BACKGROUND: RHC has received reports of A257-22 oil staining the tail gearbox sight gage glass after exposure to direct sunlight. Stained glass can result in a false level indication. This bulletin requires replacing earlier gages with a B563-4 sight gage which incorporates an ultraviolet (UV) light filter which prevents staining due to sunlight.

COMPLIANCE PROCEDURE:

1. Refer to Figure 1. If B563-4 sight gage (with UV filter) is installed, the requirements of this bulletin have been complied with. Proceed to step 5.
2. If B563-2 sight gage is installed, order one B563-4 sight gage and one A215-020 o-ring.
3. Remove sight gage per R66 Maintenance Manual (MM) § 12-22 Part A.
4. Apply A257-22 oil to new A215-020 o-ring and install on B563-4 sight gage. Install B563-4 sight gage per MM § 12-22 Part C.
5. Make appropriate maintenance record entries.

Approximate Cost:

Parts: \$65 for B563-4 sight gage and A215-020 o-ring. No charge if ordered while aircraft is under warranty and helicopter serial number is provided.

Procure parts from any R66 Dealer or Service Center, or order directly from [RHC Customer Service](#) via email, fax, or phone.

Labor: 1.0 man-hour.

(OVER)

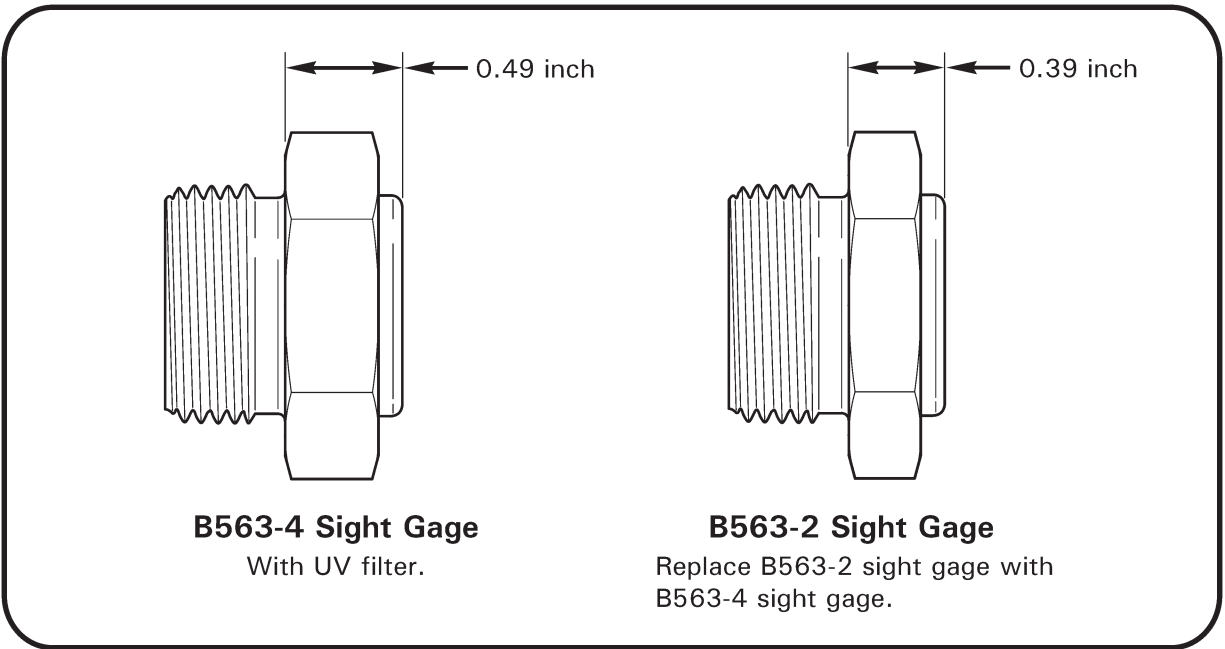


FIGURE 1