

**R22 SERVICE BULLETIN SB-114**

**DATE:** 25 February 2019

**TO:** R22-series Owners, Operators, and Maintenance Personnel

**SUBJECT:** D602-3 Time Delay Assembly

**EFFECTIVITY:** D602-3 Time Delay Assemblies Lots 14 thru 21. Affected parts were originally installed on R22 Helicopters S/N 4754 thru 4787. Affected parts were also included in KI-242 Time Delay Installation Kits shipped from January to June 2018 (for compliance with R22 SB-113A).

**TIME OF COMPLIANCE:** Within next 100 flight hours or by 31 May 2019, whichever occurs first.

**BACKGROUND:** RHC has determined that Lots 14 thru 21 of D602-3 Time Delay Assemblies for the clutch actuator may have been assembled with an incorrect resistor. These time delays must be replaced to ensure long-term reliability.

---

**COMPLIANCE PROCEDURE:**

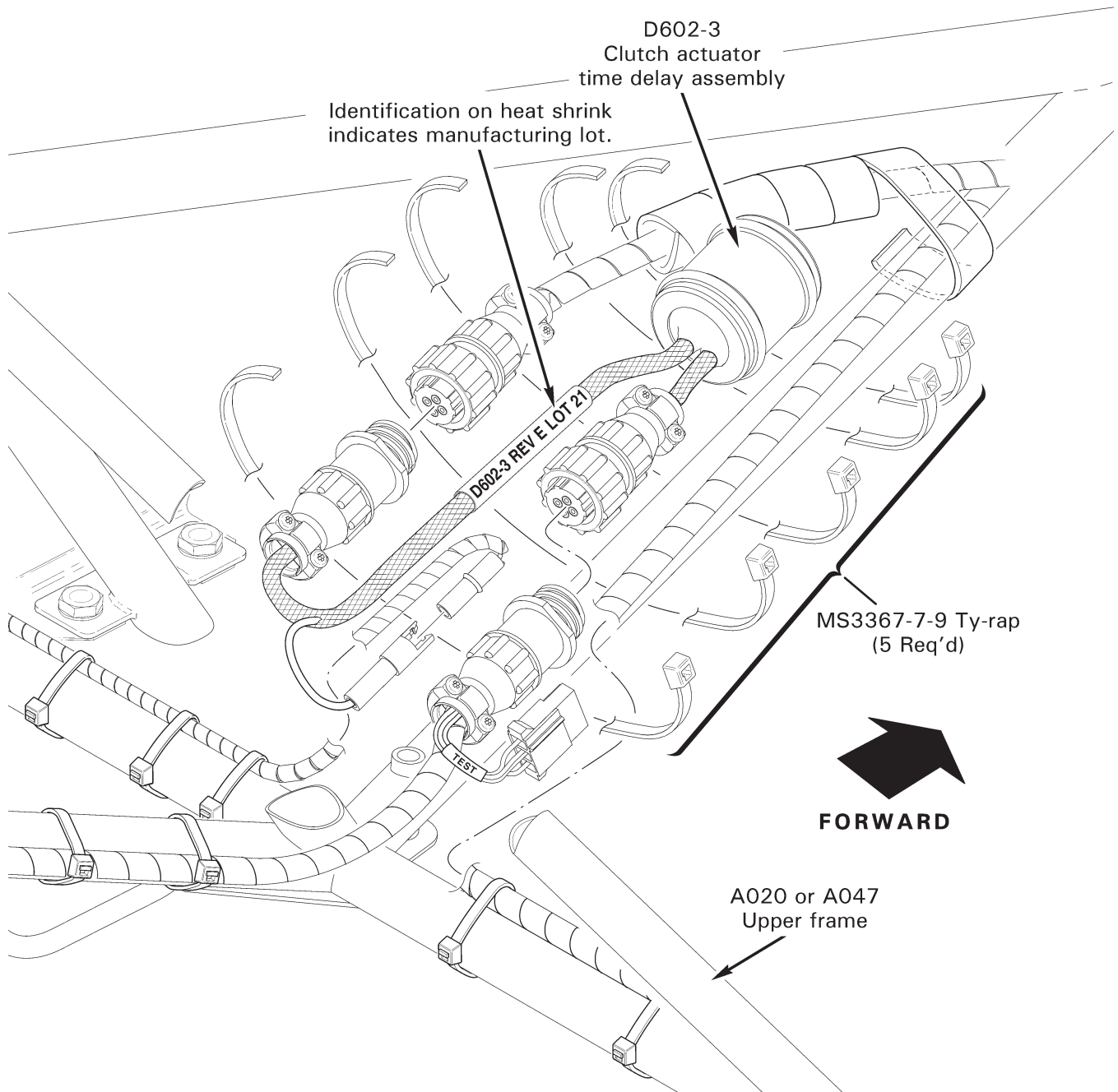
1. Refer to Figure 1. Determine Lot number of installed D602-3 time delay assembly. (Cut ty-raps as required to access identification marking.) If Lot number is not 14 thru 21 the time delay is unaffected; replace cut ty-raps and proceed to step 3.
2. If Lot number is 14 thru 21, or if Lot number cannot be determined, install an unaffected time delay per KI-242 instructions.
3. Make appropriate maintenance record entries.

**APPROXIMATE COST:**

Parts: No charge for D602-3 Time Delay Assembly if ordered by 31 May 2019. Reference helicopter serial number or RHC Invoice number for KI-242 Kit when ordering.

Labor: 0.5 man-hour.

(OVER)



**FIGURE 1**

THE DESIGN ENGINEERING ASPECTS OF THIS BULLETIN HAVE BEEN SHOWN TO COMPLY WITH APPLICABLE FEDERAL AVIATION REGULATIONS AND ARE FAA APPROVED.