

R44 SERVICE BULLETIN SB-116

DATE: 19 February 2024

TO: R44-series Owners, Operators, and Maintenance Personnel

SUBJECT: Ground Handling Wheel Support Reorientation

EFFECTIVITY: All R44-series helicopters. Earlier orientation of C719-1 wheel supports for outboard installation of ground handling wheels were factory-fitted on:

- R44 Helicopter S/Ns 0001 thru 2138, and
- R44 II Helicopter S/Ns 10001 thru 13165

TIME OF COMPLIANCE: At next 100-hour inspection or by 31 August 2024, whichever occurs first.

BACKGROUND: R44 SL-41 provided instruction for reorientation of C719-1 wheel supports on landing gear skid tubes for inboard installation of ground handling wheels. This bulletin mandates reorientation of wheel supports, if not previously accomplished.

COMPLIANCE PROCEDURE:

1. Refer to Figure 1. If C719-1 wheel supports are oriented for inboard installation of ground handling wheels, proceed to step 4.

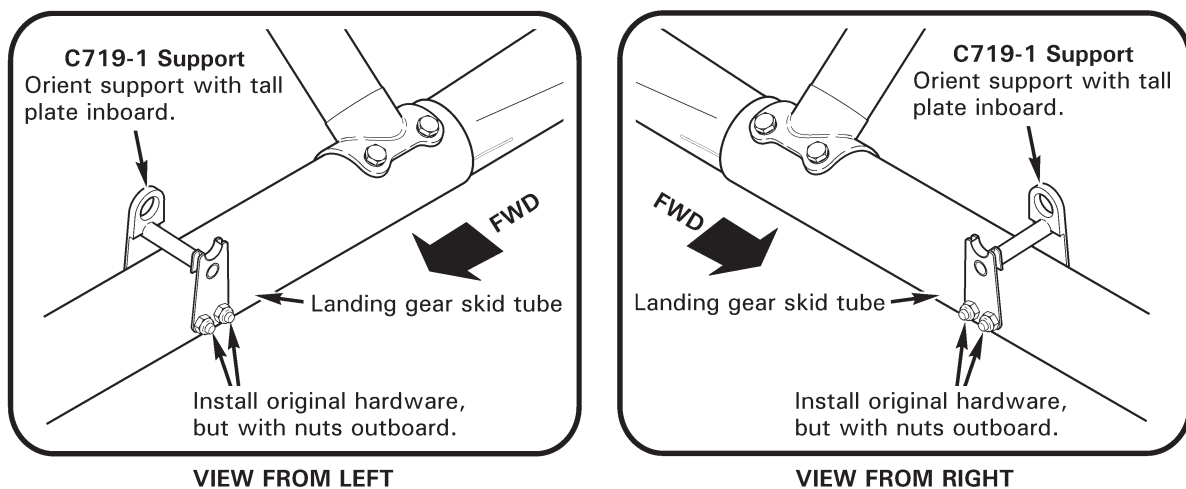


FIGURE 1
(C719-1 Supports oriented for inboard installation of ground handling wheels)

(OVER)

2. Remove hardware securing C719-1 support to landing gear skid tube and remove support. Thoroughly clean and visually inspect support and skid tube at support attachment.
3. Orient support with tall plate inboard and install original hardware, but with bolt heads inboard for tire clearance. Special torque nuts to 70 in.-lb and torque stripe per R44 Maintenance Manual Figure 2-1. Repeat steps for opposite support.
4. Make appropriate maintenance record entries.
5. Modify earlier C063-1 ground handling wheels (handle is parallel to skid tube) for inboard installation per [R44 Service Letter SL-41](#), as desired. Current list price for KI-210 Modification Kit is \$125 (modifies two ground handling wheels).

APPROXIMATE COST:

Parts: None.

Labor: 1.0 labor-hour.