

NOTE

It is recommended that the Periodic Inspection be performed by an authorized service center or appropriate trained authorized individuals.

d. During Periodic Inspection if external appearance indicates possible internal difficulty, the jack shall be disassembled for cleaning and examination for internal wear or damage.

See Table 2-1 for Minimum Inspection Schedule.

2-6. Special Inspection Requirements

a. Air motor blades

Motor blades should be inspected for wear after each 100 jack lifting cycles. When blades are worn to a thickness of $^{25}/_{32}$ inch or less, they should be replaced.

b. Lifting nut

The jack's lifting nut should be inspected for wear after every 100 jack lifting cycles. In applications where the jack is exposed to dirt, dust, metal chips or other contaminants the inspection frequency should be increased.

WARNING

Failure to properly inspect and maintain the lifting nut could result in a dropped load and serious worker injury.

To inspect the lifting nut refer to Figures 4-1 through 4-8 and Figure 2-2 and proceed as follows:

- (1) Fully extend the upright unloaded jack.
- (2) Loosen the two screws and remove the gage from the jack.
- (3) Clean grease from the hole which had been covered by the gage.
- (4) Insert the slender end of the gage into the hole.
- (5) If the thin tip of the gage can be made to enter the space between the top flank of the lifting nut thread and the bottom flank of the lifting screw thread, the lifting nut is worn out. (Ref. Figure 2-2)
- (6) **Remove jack with worn out lifting nut from service and ensure that it is properly repaired before returning to service.**

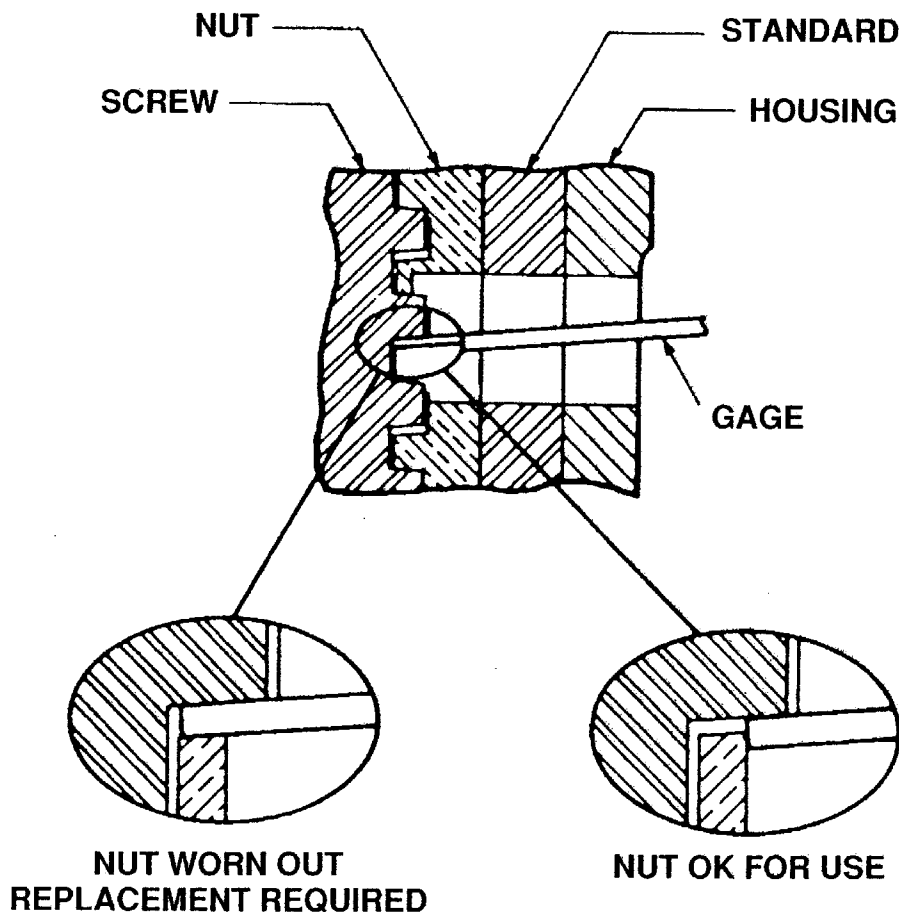


FIGURE 2-2. LIFTING NUT INSPECTION