MU-2 TORQUE KNEE

INSTALLATION PROCEDURES

DOCUMENT 012008             DATE: JANUARY 20/2001

PLEASE READ INSTRUCTIONS COMPLETELY BEFORE PROCEEDING WITH INSTALLATION

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Insight Instrument Corp.
Installation Procedure

1) Check that all parts are available.
   a) 1 nylon lock nut p/n TK-100
   b) 1 flat 10-32 washer p/n TK-I01
   c) 1 spring p/n TK-102
   d) 1 steel eyebolt TK-103
   e) 2 stainless steel set screw p/n TK-104
   f) 1 stainless steel ball p/n TK-105
   g) 1 aluminum pin p/n TK-106
   h) 1 Loctite 262 thread locker or equivalent, (not supplied)
   i) 1 Corrosion inhibitor BRAYCOAT MIL-C-16173 or equivalent, (not supplied)

2) Remove torque link from front OLEO, as per Mitsubishi procedures

3) Remove the 4 escutcheon pins and the label from the torque link.

4) Referring to drawing 012005, center punch drill, and deburr a .191 diameter hole in the center web of the torque link as shown.

5) Install spring through eyebolt as shown in drawing 012001. Coat eyebolt shank with corrosion inhibitor and insert it through the previously drilled hole in the Torque Link.

6) Coat flat washer with corrosion inhibitor, and assemble washer and nylon locking nut as shown in drawing 012001. Tighten nut to 10 in-lbs.

7) Install Torque Link to front Oleol as per Mitsubishi procedures.

8) Apply one drop of Loctite thread locker, to each of the two (2) stainless steel set screws. Insert one set screw loosely into each end of the pin. Coat the pin, p/n TK-106, with corrosion inhibitor, and slip it through the upper mounting boss on the airframe. (refer to drawing 012001).

9) Coat the ends of the Stainless steel ball with corrosion inhibitor; (refer to drawing 012001).

10) Slip the end of the spring over the Stainless steel ball.

11) Insert the ends of the wire bail into the pin until fully seated.

12) Tighten both stainless steel set screws. Torque to 10 in-lbs.

12) Check for free operation & no conflicts. Correct if any and recheck.

INSIGHT INSTRUMENT CORPORATION 
BOX 122, FORT ERIE, ONTARIO L2A 5M6
NOTES:
1. ALL DIMENSIONS IN INCHES. TOLERANCE +/- .003
2. DRILL AND SERRATE HOLE ON CENTRE LINE

Insight Instrument Corporation
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TORQUE LINK