



SERVICE BULLETIN

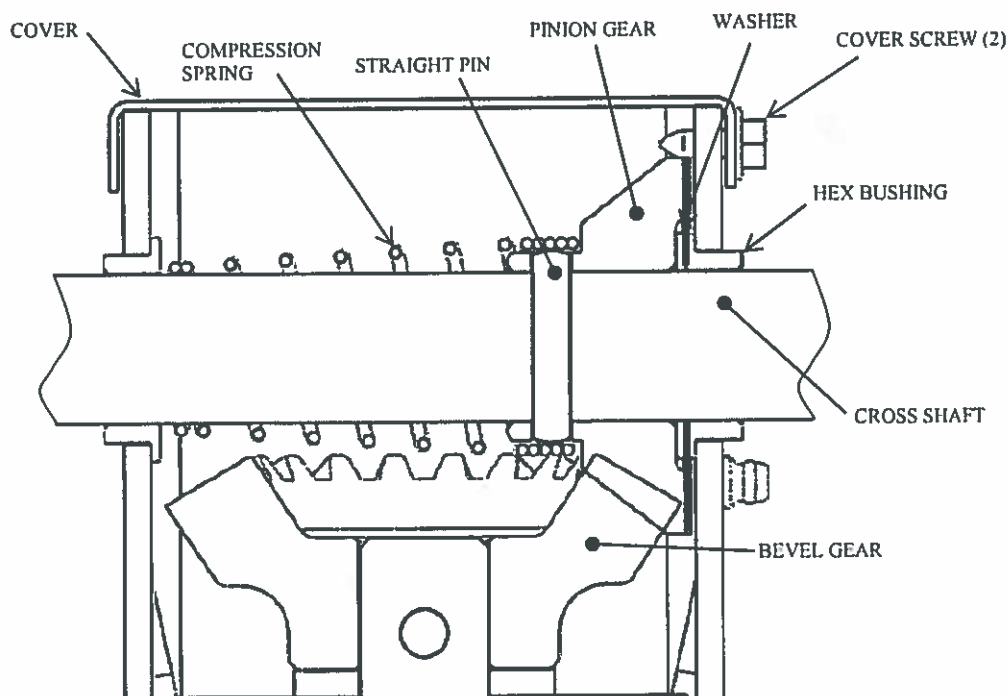
PRO SERIES 12,000 LB. STATIC CAPACITY JACK WASHER INSERT INSTRUCTIONS

PURPOSE TO DESCRIBE THE PROCEDURE FOR TAKING APART THE PRO SERIES JACKS TO ADD A WASHER TO THE CROSS SHAFT BETWEEN THE PINION GEAR AND THE HEX BUSHING.

1. REMOVE TWO (2) GEAR BOX COVER SCREWS AND GEAR BOX COVER.
2. PULL COMPRESSION SPRING BACK FROM PINION GEAR TO EXPOSE STRAIGHT PIN.
3. ROTATE CROSS SHAFT APPROXIMATELY 45° OR UNTIL THE STRAIGHT PIN CLEARS THE TEETH OF THE LOWER BEVEL GEAR AND REMOVE PIN.
4. SLIDE SHAFT AWAY FROM PINION GEAR UNTIL SHAFT IS FREE FROM HEX BUSHING BEHIND PINION GEAR.
5. INSERT THE WASHER ONTO CROSS SHAFT BEHIND PINION GEAR. (AS SHOWN BELOW)
6. RE-INSERT CROSS SHAFT THROUGH HEX BUSHING.
7. SLIDE CROSS SHAFT BACK INTO POSITION SO THAT HOLE IN CROSS SHAFT LINES UP WITH HOLE IN PINION GEAR.
8. PULL COMPRESSION SPRING BACK AND RE-INSERT STRAIGHT PIN INTO PINION GEAR AND CROSS SHAFT.
9. RELEASE COMPRESSION SPRING TO SECURE PIN INTO PLACE.
10. REPLACE GEAR BOX COVER.

LINK TO VIDEO SHOWING THIS PROCESS: <http://youtu.be/19lh2AhYJts>

WASHER SPECIFICATION: SAE FLAT WASHER, 1" I.D X 2" O.D. X 9/64" (0.134") THICK



12 K Cequent Jack

- Some 12K jacks are having problems with the raising and lowering gearset in the top of the jack. Manufacturing date codes F14 & M14
- To verify that you are looking at one of the suspect Cequent 12k jacks please do the following:
 - Orient the jack so the drop leg handle is on your left as you face the jack.



004-3

Date Stamp Location

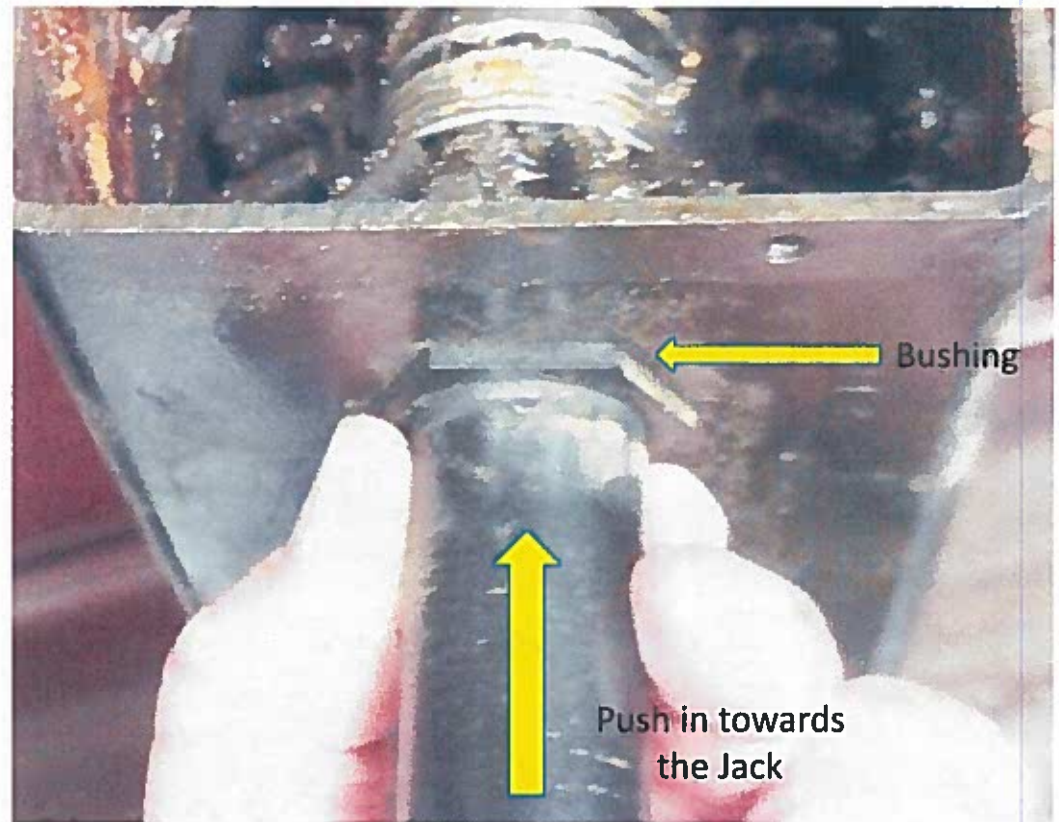
- Locate the manufacturing date code: it will be located in this upper right side of the jack adjacent to the handle, with the jack still orientated in the same direction as the picture on slide #1.
- Look for "F14" or "M14" – if you find any "F14" do not use this unless absolutely necessary; if you find "M14" follow the inspection and verification testing called out on slide #3.



Date Stamp
location

M14 Date Code Testing Procedure

- With jack still orientated in the same location as slide #1; push the jack handle in;
- The bushing and handle should push inward approximately .060 to .100 of an inch or flush with the jack outer face.
- See Slide #5 for picture of a bushing with to much tolerance in it.



004-5

M14 Date Code Testing Procedure

- If the jack passes the push in tolerance test from slide #3, then move on to the rotational test.
- Taking hold of the jack handles rotate them in the counterclockwise direction until the jack extends or moves about $\frac{1}{2}$ " an inch.
- Repeat the process in the clockwise direction retracting or moving the jack back to it's original position.
- If the handles turn freely and no binding or gear skipping is felt then the jack is ok to use.



004-6

Jack in need of Repair Too much tolerance in Bushing

- If the bushing pushes inside of the jack body, do not use.
- Note the gap and the fact that you can no longer see the bushing.

