



ROUTINE JACK MAINTENANCE BULLETIN

RJM 159

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TO PROVIDE COMPLETE INFORMATION ON SERVICING ColumbusJACK/REGENT QUALITY GROUND HANDLING EQUIPMENT

REMOVING/INSTALLING STOP PINS IN SCREW EXTENSIONS

Many Regent jack designs contain stop pins in the screw extension to prevent its inadvertent removal. These stop pins may be removed and replaced as follows:

- 1) Fully extend ram(s) against stop(s) and partially pressurize,
- 2) Extend screw extension fully until stop pin is engaged.
- 3) Apply sufficient torque to screw extension until stop pin shears, enabling screw extension to be removed.
- 4) With screw extension removed, remove and discard old stop pin spring.
- 5) Dress thread in ram until screw extension rotates freely. Thread may be dressed by using a small hand grinder or by rotating screw extension into ram while tapping it lightly with a soft mallet.
- 6) Remove screw extension and install new spring and stop pin.
- 7) With stop pin and spring fully depressed, install screw extension into ram.
- 8) Extend screw extension and verify stop pin engages.