



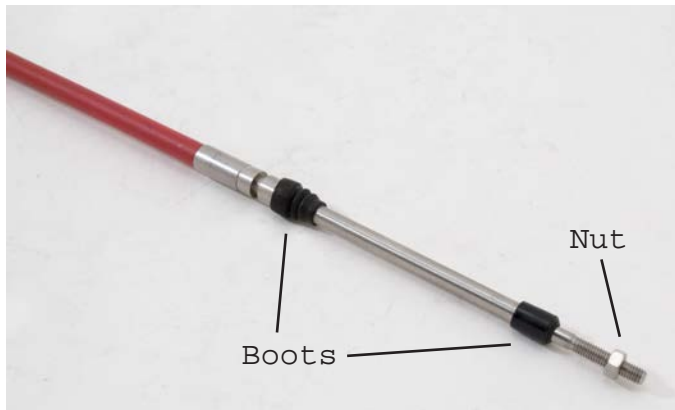
TRIM RAM ACTUATOR KIT

137-8700

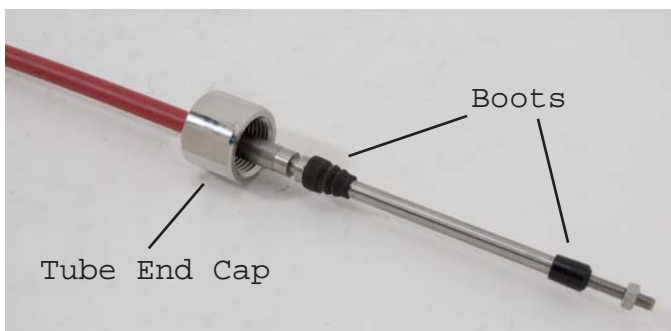
For cable applications use pages 1-4, for Electronic Sensor use pages 5-7

ACTUATOR ASSEMBLY

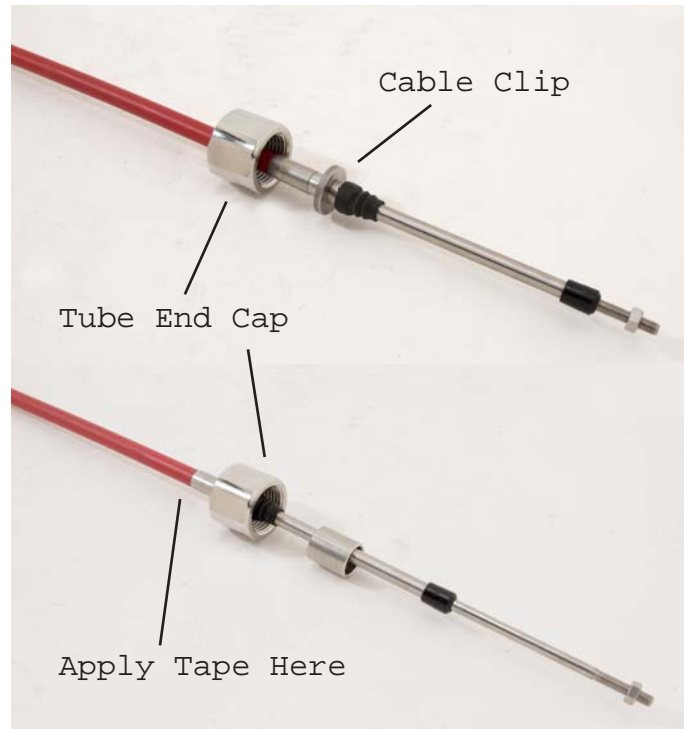
1. Remove cable nut and rubber boots from end of the cable.



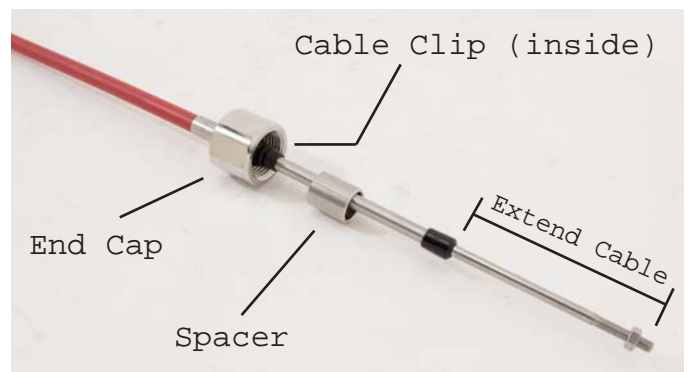
2. Slide tube end cap onto the cable with threaded opening facing the end of the cable. Replace rubber boots and cable nut.



3. Install cable clip into cable groove. Slide tube end cap over cable clip and secure to the cable with tape.



4. Install spring spacer onto cable and slide into end cap until it butts against cable clip. Extend cable fully.



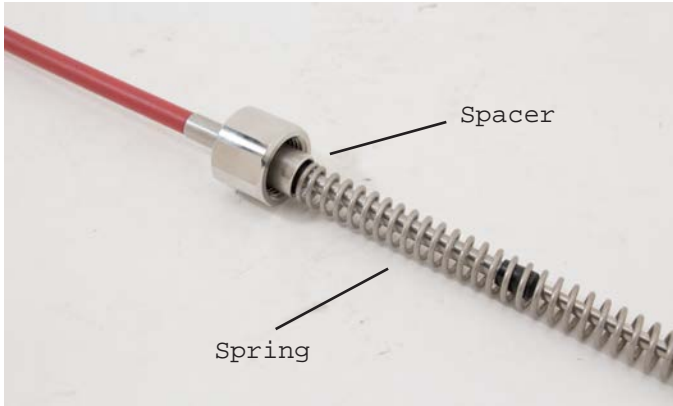


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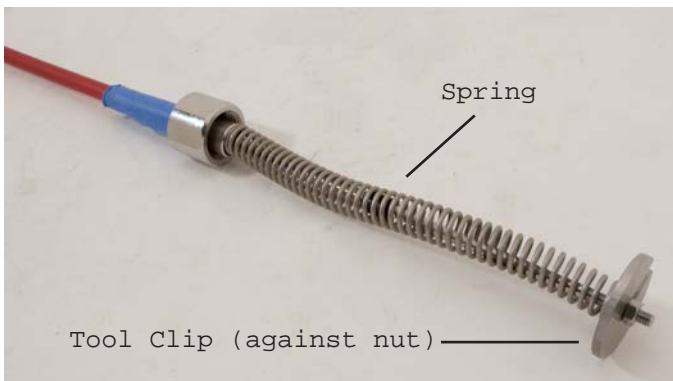
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ACTUATOR ASSEMBLY (CONT.)

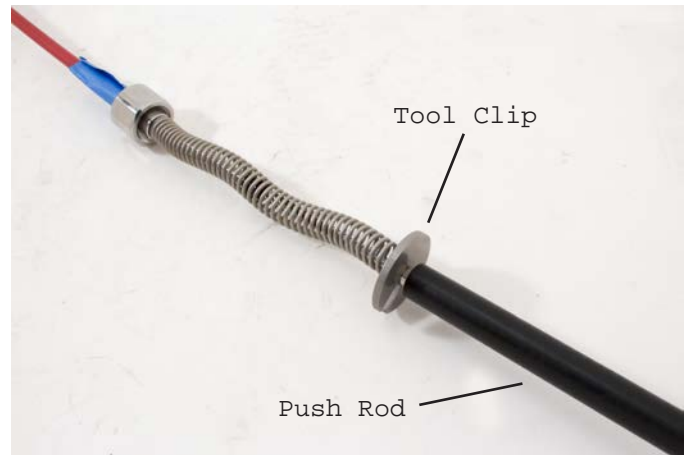
5. Slide spring over cable and butt to spring spacer.



6. Compress spring and install tool clip between spring and cable nut. Slowly release tension on spring until it holds tool clip in place.



7. Thread push rod onto the cable end until it contacts the cable nut. Remove tool clip so spring contacts push rod.



8. Apply liberal coating of an anti-corrosion grease to spring. Install the actuator tube over push rod assembly. Apply a small amount of Loctite 271 to threads of actuator tube.



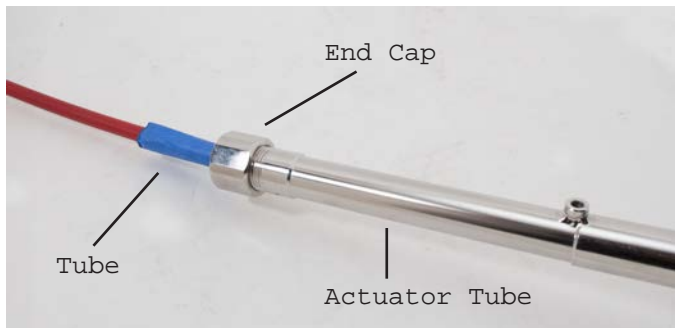


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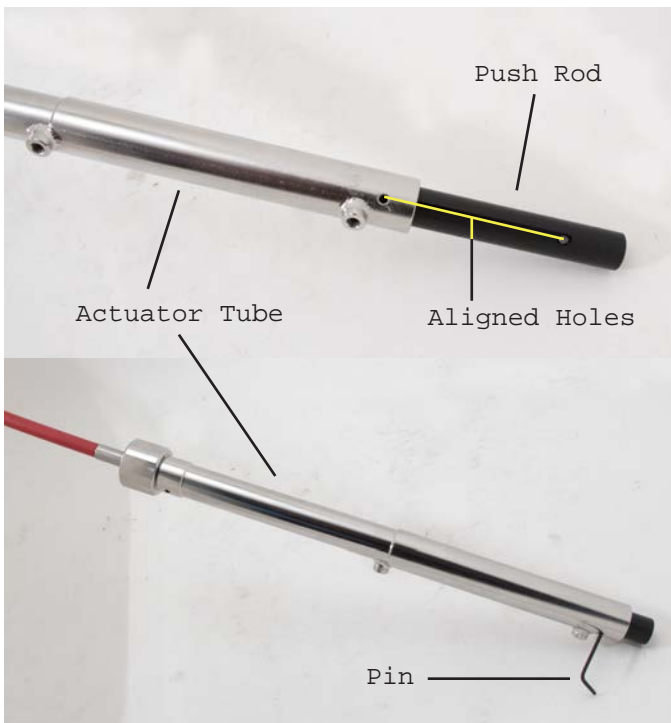
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ACTUATOR ASSEMBLY (CONT.)

9. Thread actuator tube into end cap and tighten securely.

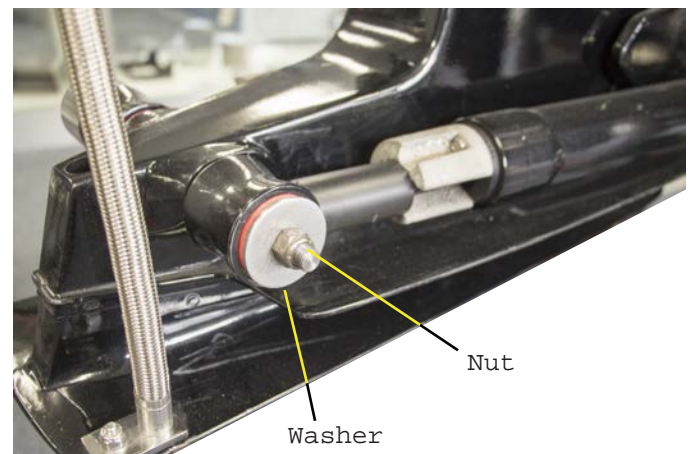


10. Align 1/8" hole in push rod with hole in actuator tube. Compress push rod into actuator tube and insert a pin such as a small nail or allen wrench into the hole to secure it during installation.



ACTUATOR INSTALLATION

1. Trim the drive in all the way (fully retracted) and remove trim pin nut and washer from the cylinder.



2. Install trim pin cup on trim pin and secure with nut. Tighten nut until approximately 2 threads are exposed through nut. Do not over tighten nut, as rubber bushings may be damaged.





TRIM RAM ACTUATOR KIT

137-8700

ACTUATOR INSTALLATION (CONT.)

3. Install first tube bracket at the end of the ram by placing rear half first, then the front half.



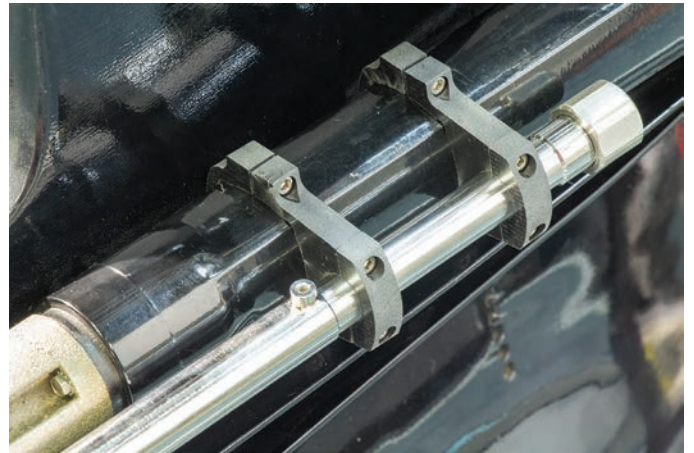
4. Repeat the installation with the 2nd bracket.



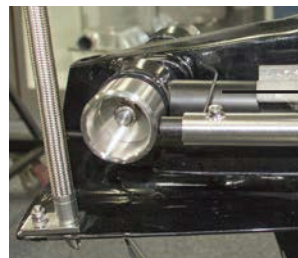
5. Butt end of push rod against trim pin cup at its centerline.



6. Install Clamps over brackets



7. Remove pin from actuator. Cycle actuator several times and watch the actuator for smooth operation



Remove Pin