

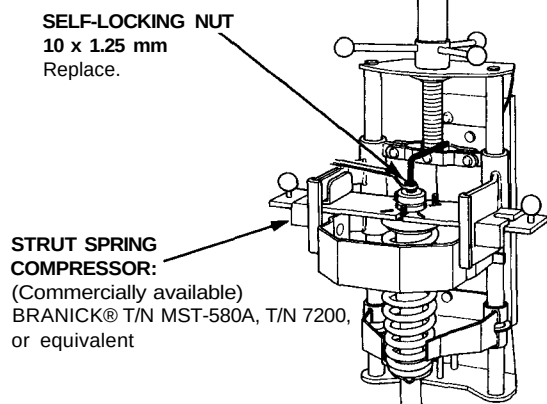
Rear Damper

Disassembly/Inspection

Disassembly

1. Compress the damper spring with the spring compressor according to the manufacturer's instructions, then remove the self-locking nut.

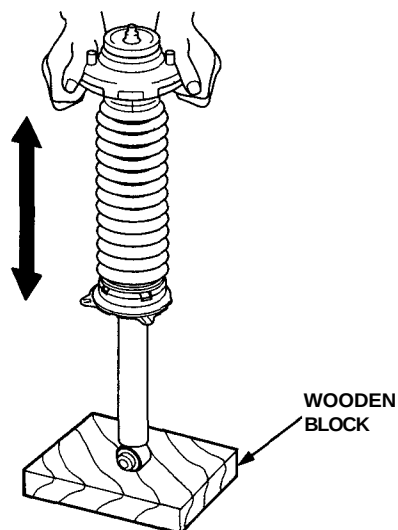
CAUTION: Do not compress the spring more than necessary to remove the nut.



2. Remove the damper from the spring compressor.

Inspection

1. Reassemble all parts, except the spring.
2. Push on the damper as shown.



3. Check for smooth operation through a full stroke, both compression and extension.

NOTE: The damper should move smoothly. If it does not (no compression or no extension), the gas is leaking and the damper should be replaced.

4. Check for oil leaks, abnormal noises, or binding during these tests.

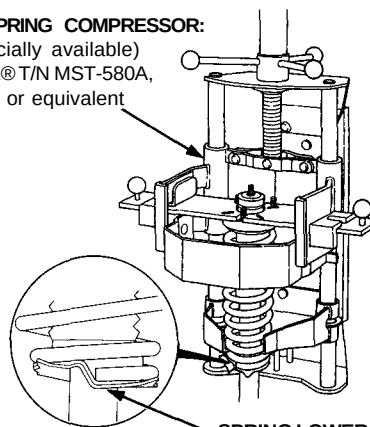
Reassembly

1. Install the damper unit on a spring compressor.

NOTE: Follow the manufacturer's instructions.

STRUT SPRING COMPRESSOR:

(Commercially available)
BRANICK® T/N MST-580A,
T/N 7200, or equivalent

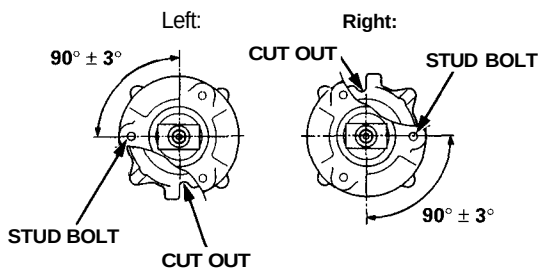


SPRING LOWER SEAT

2. Assemble the damper in the reverse order of disassembly except the damper mounting washer and self-locking nut.

NOTE: Align the bottom of the damper spring and spring lower seat as shown.

3. Position the damper mounting base on the damper unit as shown.



4. Compress the damper spring.
5. Install the damper mounting washer, and a new self-locking nut.
6. Hold the damper shaft, and tighten the self-locking nut.

SELF-LOCKING NUT
10 x 1.25 mm
29 N-m (3.0 kgf-m, 22 lbf-ft)

DAMPER MOUNTING WASHER

