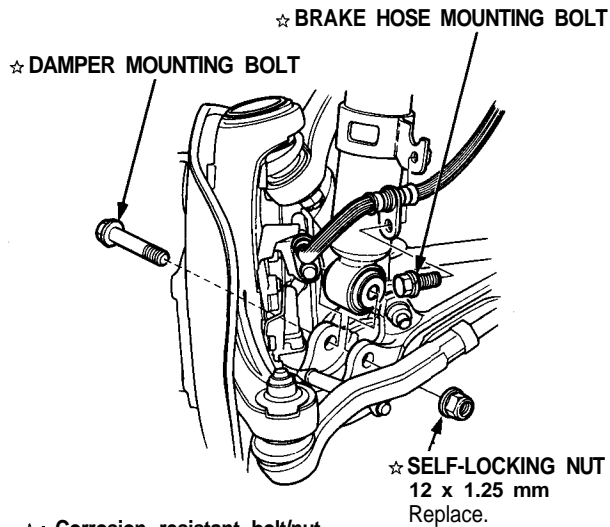




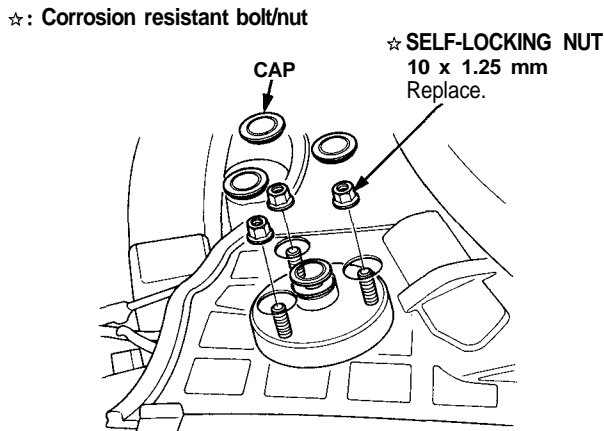
# Front Damper

## Removal

1. Remove the front wheel.
2. Remove the brake hose mounting bolt from the damper.
3. Separate the damper and lower arm by removing the damper mounting bolt.



4. Remove the caps from the top of the cowl, then remove the self-locking nuts.
5. Remove the damper assembly.



## Disassembly/Inspection

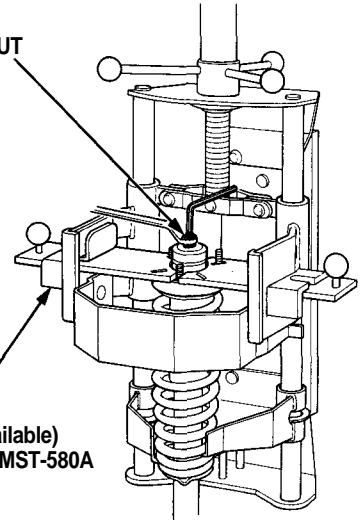
### Disassembly:

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.**

SELF-LOCKING NUT  
10 x 1.25 mm  
Replace.

STRUT SPRING  
COMPRESSOR:  
(Commercially available)  
BRANICK® T/N MST-580A  
or equivalent

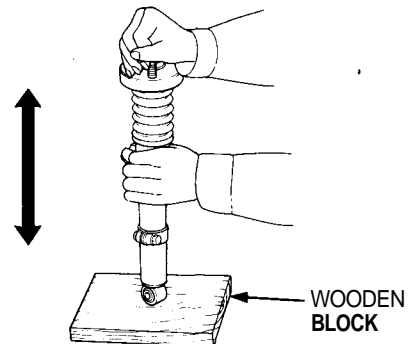


2. Remove the spring compressor, then disassemble the damper as shown on the next page.

### Inspection:

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