

Front Damper

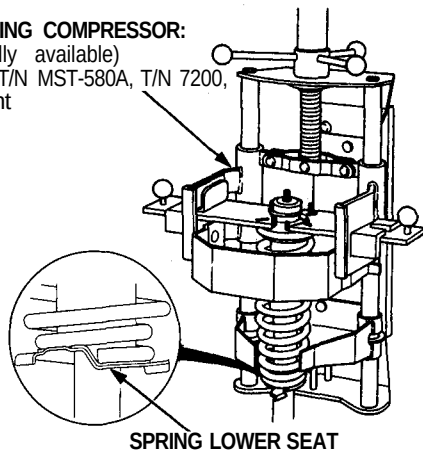
Reassembly

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

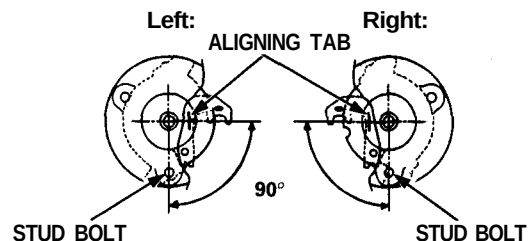


SPRING LOWER SEAT

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.



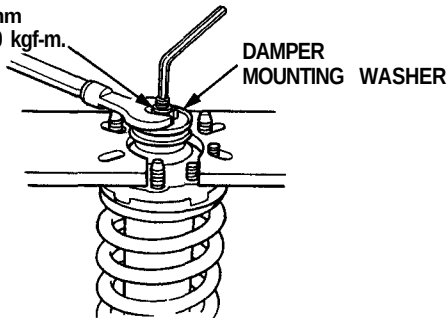
4. Compress the damper spring with the spring compressor.
5. Install the damper mounting washer, then loosely install a new self-locking nut.
6. Hold the damper shaft with a hex wrench, and tighten the self-locking nut.

SELF-LOCKING NUT

Replace.

10 x 1.25 mm

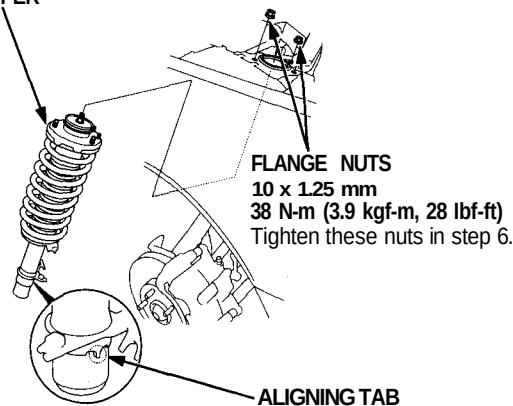
29 N-m (3.0 kgf-m,
22 lbf-ft)



Installation

1. Loosely install the damper on the frame with the aligning tab facing inside, then loosely install the five flange nuts.

DAMPER



FLANGE NUTS

10 x 1.25 mm

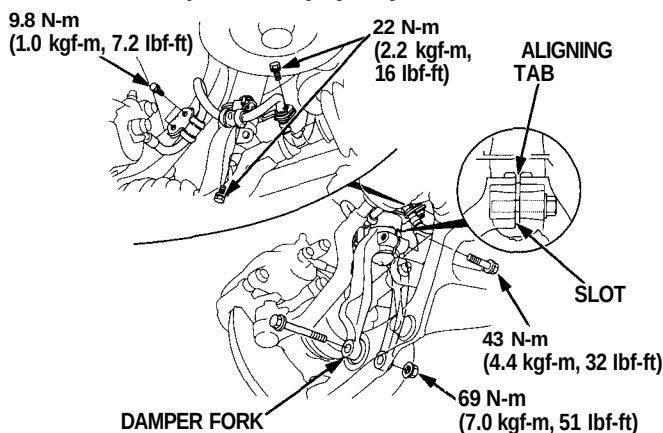
38 N-m (3.9 kgf-m, 28 lbf-ft)
Tighten these nuts in step 6.

ALIGNING TAB

2. Install the damper fork over the driveshaft and onto the lower arm. Install the damper in the damper fork so the aligning tab is aligned with the slot in the damper fork.
3. Hand-tighten the bolts and nuts.
4. Raise the knuckle with a floor jack until the vehicle just lifts off the safety stand.

NOTE: The bolts and nuts should be tightened with the vehicle's weight on the damper.

⚠ WARNING The floor jack must be securely positioned or personal injury may result.



5. Tighten the flange bolt.
6. Tighten the flange bolt with a new self-locking nut.
7. Tighten the damper to the frame with the flange nuts.
8. Install the brake hose clamps.