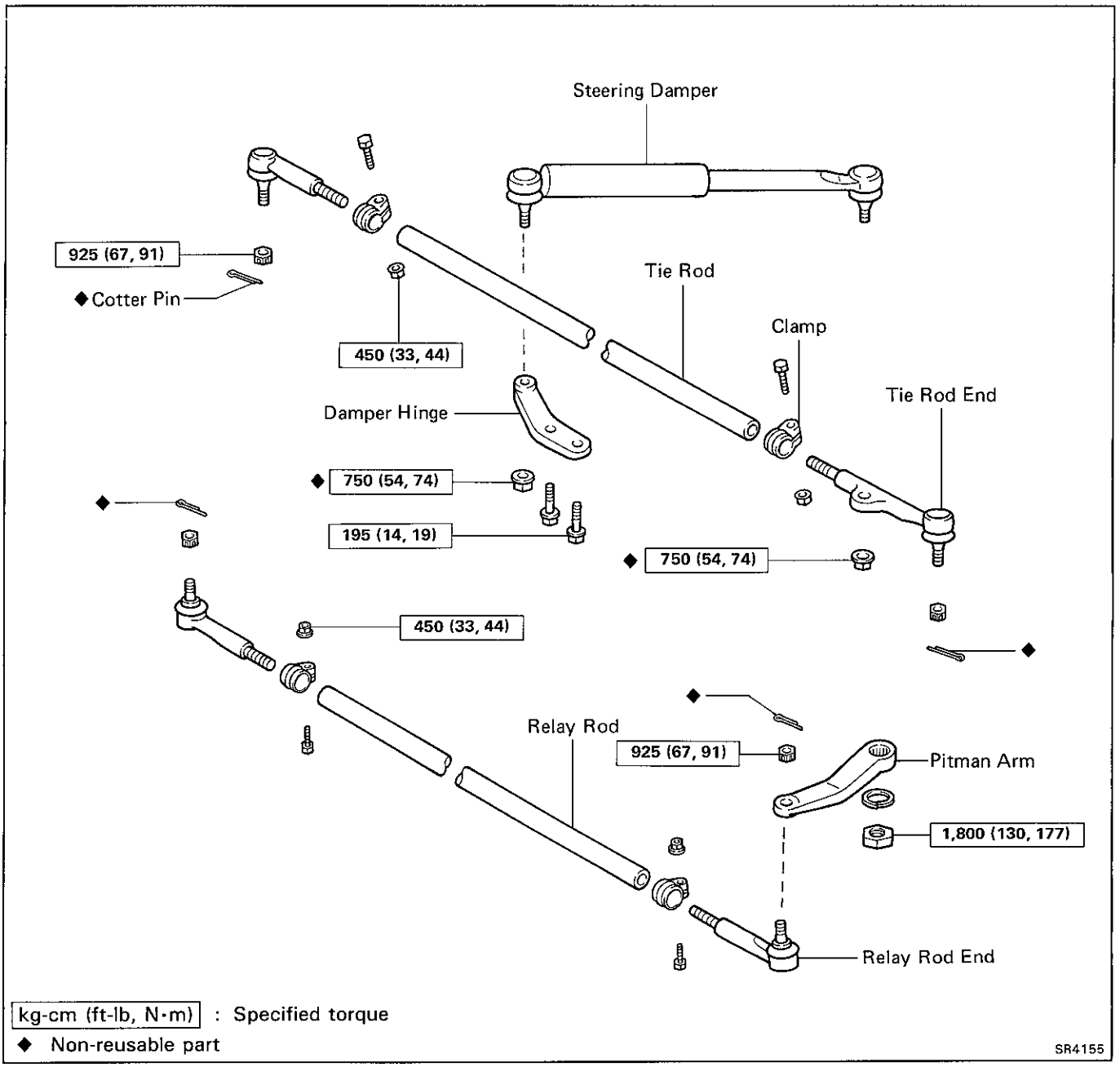
STEERING LINKAGE (LIGHT-DUTY)

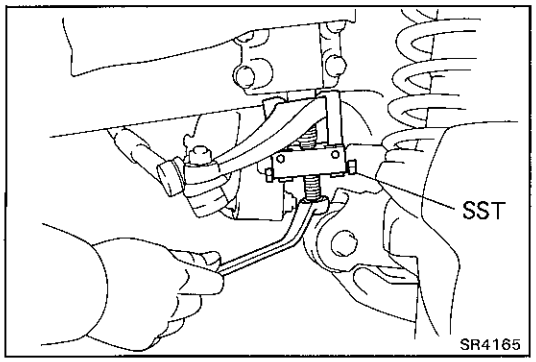
REMOVAL AND INSTALLATION OF STEERING LINKAGE

Remove and install the parts as shown.



HINT:

- When connecting the ball stud to the arm or rod, remove the grease on the joint surfaces.
- After torquing the ball stud nut to specified torque, advance the nut just enough to insert the cotter pin.
- After installing any of the steering linkage components, check the front wheel alignment and side slip. (See page SA-3)



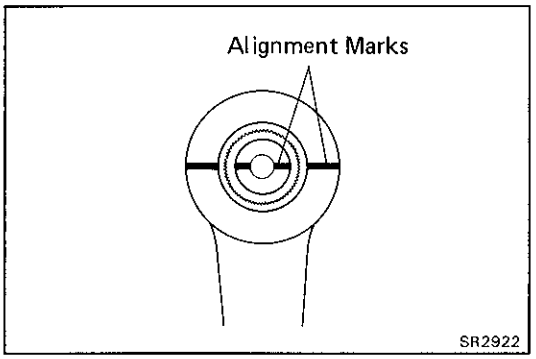
(MAIN POINTS OF REMOVAL AND INSTALLATION)

1. DISCONNECT AND CONNECT PITMAN ARM FROM/TO SECTOR SHAFT

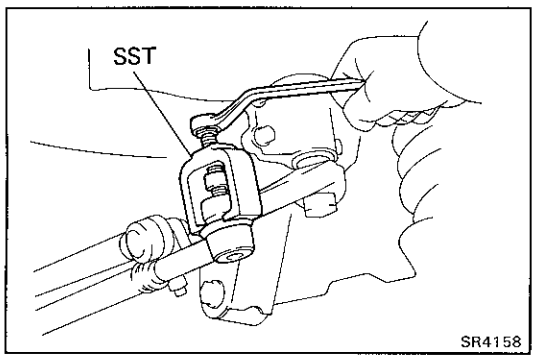
(a) Loosen the pitman arm nut.

(b) Using SST, disconnect pitman arm from sector shaft.

SST 09628-62011



(c) When connecting, align alignment marks on the pitman arm and the sector shaft, and install the spring washer and nut.



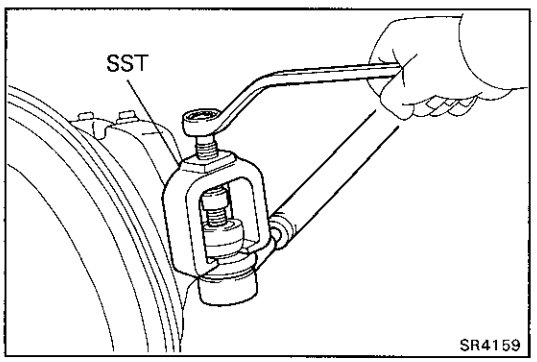
2. DISCONNECT PITMAN ARM FROM RELAY ROD

(a) Remove the cotter pin and nut.

HINT: Before removing the arm, temporarily install the pitman arm nut.

(b) Using SST, disconnect the pitman arm from relay rod.

SST 09611-22012

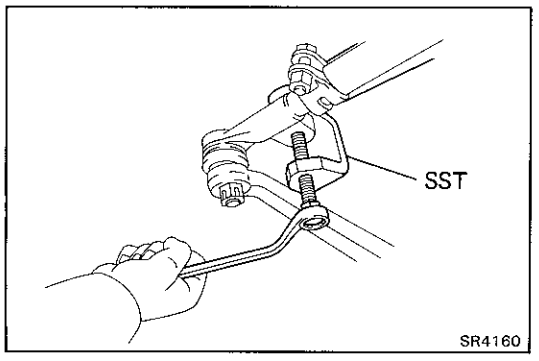


3. DISCONNECT RELAY ROD FROM KNUCKLE ARM

(a) Remove the cotter pin and nut.

(b) Using SST, disconnect the relay rod from knuckle arm.

SST 09611-12010

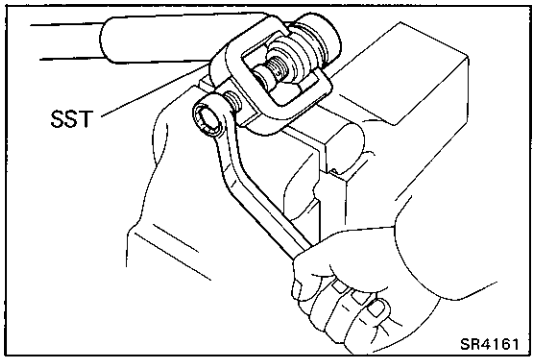


4. DISCONNECT STEERING DAMPER FROM TIE ROD

(a) Remove the nut.

(b) Using SST, disconnect steering damper from tie rod.

SST 09611-12010

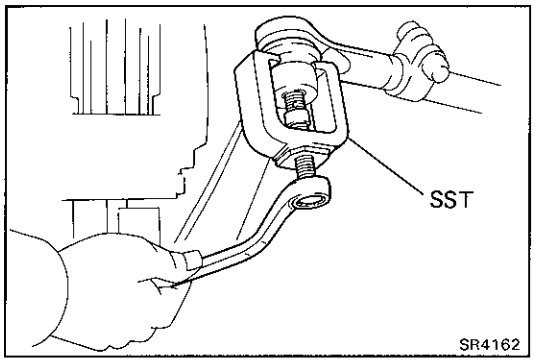


5. DISCONNECT STEERING DAMPER FROM HINGE

(a) Clamp the hinge in a vise.

(b) Using SST, disconnect the damper from hinge.

SST 09611-22012

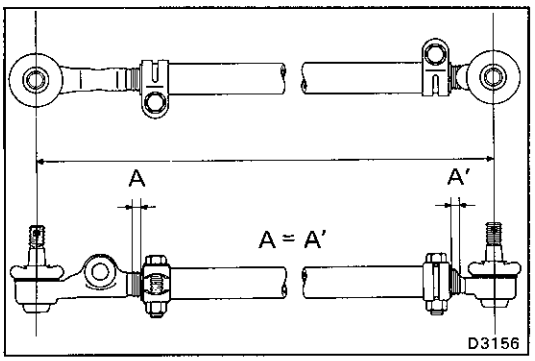


6. DISCONNECT TIE ROD FROM KNUCKLE ARM

(a) Remove the cotter pin and nut.

(b) Using SST, disconnect the tie rod from knuckle arm.

SST 09611-22012



7. IF NECESSARY, ADJUST TIE ROD LENGTH

(a) Loosen the tie rod end clamp.

(b) Turn the tie rod ends equal amounts into the tie rod tube. Tie rods should be approximately 1,207 mm (47.51 in.).

(c) Temporarily tighten the tie rod end clamp.

8. IF NECESSARY, ADJUST RELAY ROD LENGTH

(a) Loosen the relay rod end clamp.

(b) Turn the relay rod ends equal amounts into the relay rod tube. Relay rods should be approximately 1,207 mm (47.51 in.).

(c) Temporarily tighten the relay rod end clamp.