

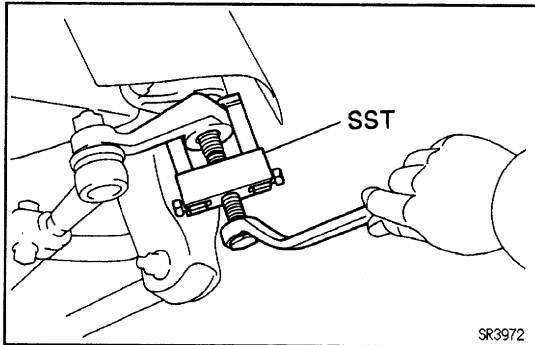
880DV-02

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.
(See page [SA-167](#))

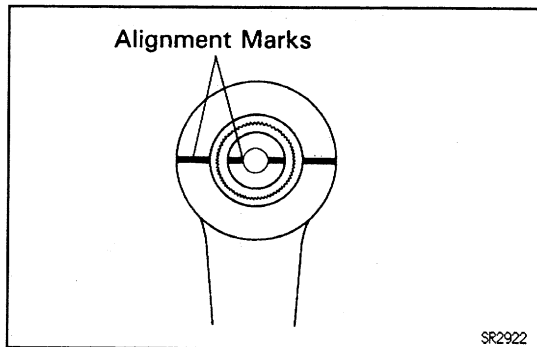


MAIN POINT OF REMOVAL AND INSTALLATION

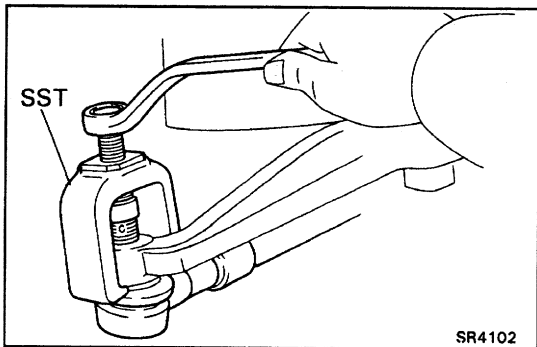
1. DISCONNECT AND CONNECT PITMAN ARM FROM/TO CROSS SHAFT

- Loosen the pitman arm nut.
- Using SST, disconnect pitman arm from the cross shaft.

SST 09628-62011



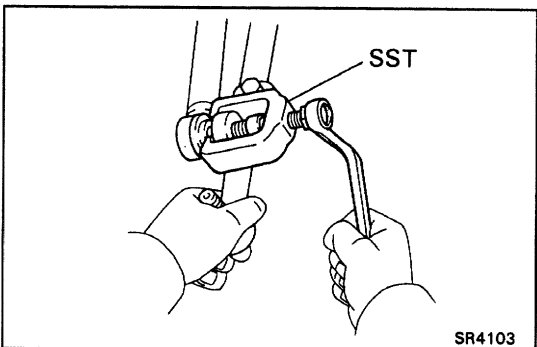
- When connecting, align the alignment marks on the pitman arm and the cross shaft, and install the spring washer and nut.



2. DISCONNECT PITMAN ARM FROM RELAY ROD END

Using SST, disconnect the pitman arm from the relay rod end.

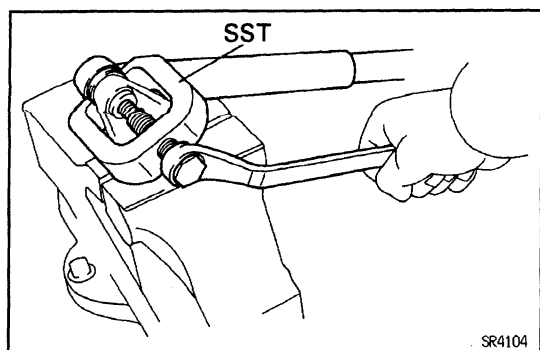
SST 09611 - 22012



3. DISCONNECT STEERING DAMPER FROM RELAY ROD END

Using SST, disconnect the steering damper from the relay rod end.

SST 09611 - 22012



4. DISCONNECT STEERING DAMPER FROM STEERING DAMPER BRACKET

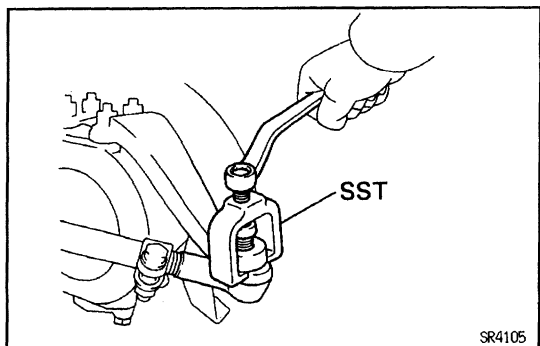
(a) Remove the damper with the bracket.

(b) Secure the bracket in a vise.

NOTICE: Do not tighten the vise too tight.

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

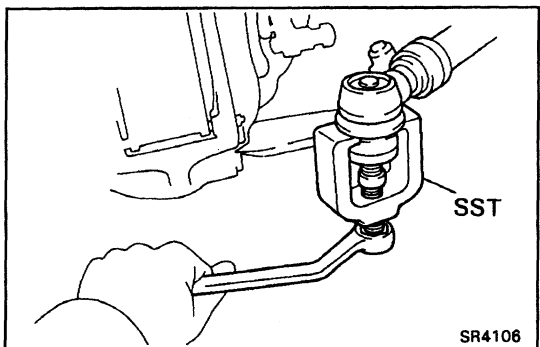
SST 09610-55012



5. DISCONNECT RELAY ROD END FROM KNUCKLE ARM

Using SST, disconnect the relay rod end from the knuckle arm.

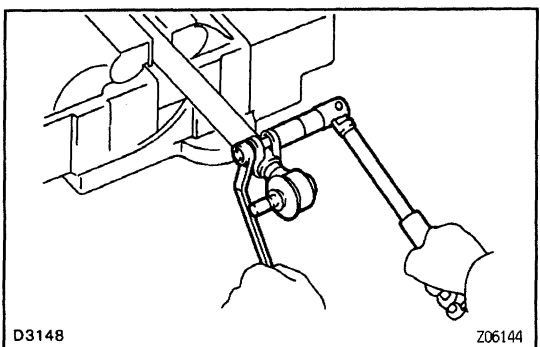
SST 09611 - 22012



6. DISCONNECT TIE ROD END FROM KNUCKLE ARM

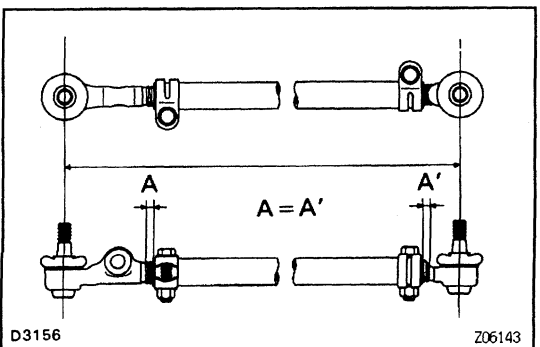
Using SST, disconnect the tie rod end from the knuckle arm.

SST 09611 -22012



7. IF NECESSARY, REPLACE TIE OR RELAY ROD END

(a) Loosen the tie or relay rod end clamp and remove the tie or relay rod end.



(b) Turn the tie rod ends or relay rod equal amounts into the rod tube. Tie rods should be approximately 1,207 mm (47.51 in.). Relay rods should be approximately 1,076 mm (42.34 in.).

(c) The remaining length of threads on both tie or relay rod ends should be equal.

(d) Temporarily tighten the tie or relay rod end clamps.