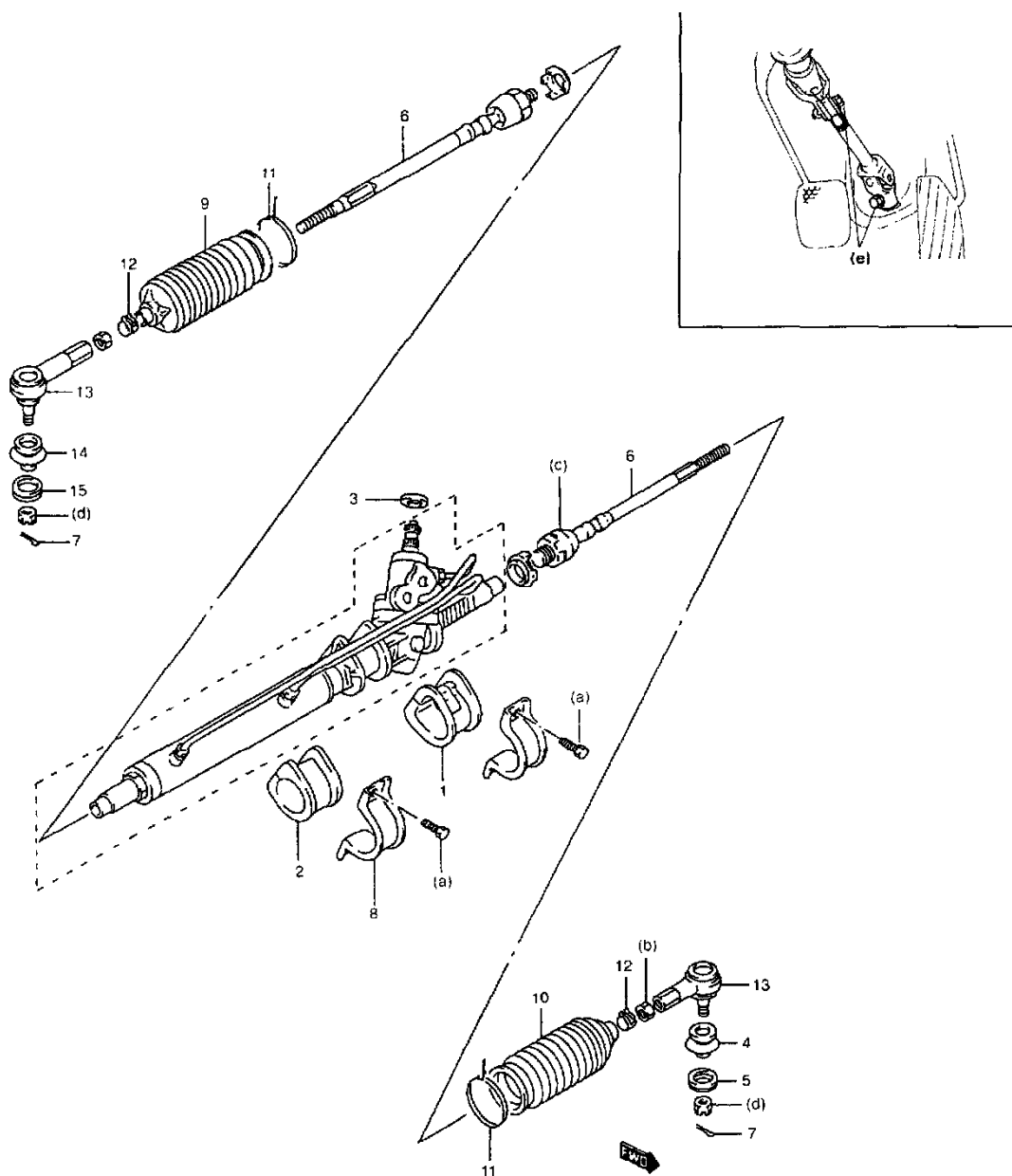


Steering Gear: Service and Repair Removal and Installation



1. Steering pinion side mount
2. Steering rack side mount
3. Gasket
4. Boot
5. Clip
6. Tie rod
7. Split pin
8. Mount bracket
9. Pinion side boot
10. Rack side boot
11. Rack boot wire
12. Rack boot clip
13. Steering tie rod end

Tightening Torque

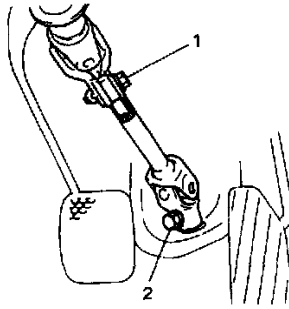
	N·m (kg·m, lb·ft)
(a): Gear case mount bracket bolt	55 (5.5, 40.0)
(b): Tie-rod end lock nut	45 (4.5, 32.5)
(c): Tie-rod ball nut	90 (9.0, 65.5)
(d): Tie-rod end castle nut	45 (4.5, 32.5)
(e): Steering shaft joint bolt	25 (2.5, 18.0)

NOTE:

Component enclosed in broken line cannot be disassembled and adjusted.

POWER STEERING RACK AND PINION ASSEMBLY REMOVAL

1. Take out fluid in oil tank with syringe or such.

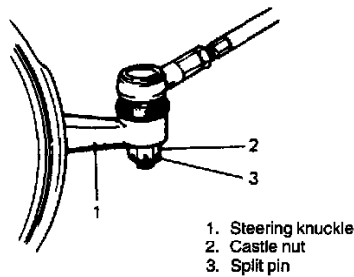


1. Steering shaft upper joint bolt
2. Steering shaft lower joint bolt

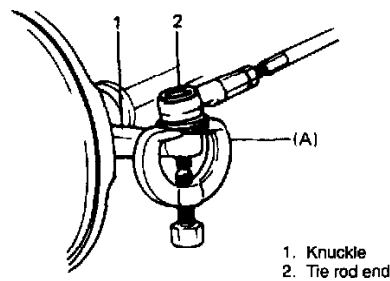
2. After removing joint covers, loosen steering shaft upper joint bolt (but it must not be removed) and remove lower joint bolt.

CAUTION: Be sure to set front wheels (tires) in straight direction and remove ignition key from key cylinder before following steps, otherwise contact coil of airbag system may get damaged.

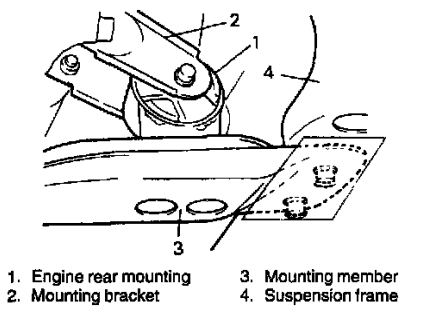
3. With front wheels in straight-ahead position, separate pinion and lower joint.
4. Jack up vehicle and remove both right and left wheels.



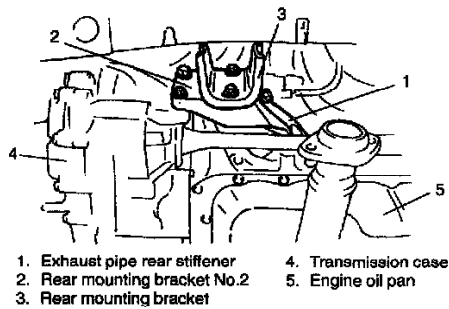
5. Remove split pin and then remove tie rod castle nut from steering knuckle.



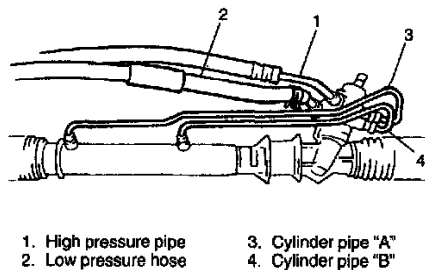
6. Using special tool, remove tie rod end from knuckle.
Special Tool
(A): 09913-65210
7. For M/T model: Disconnect gear shift control shaft and extension rod from transmission.



8. Remove engine rear mounting together with its bracket from engine and member.
9. Detach mounting member from suspension frame.



10. Remove exhaust pipe rear stiffener (For 1.8 liter model).
11. Remove engine rear mounting bracket No.2 with engine rear mounting bracket from engine block and transmission case (For 1.8 liter model).



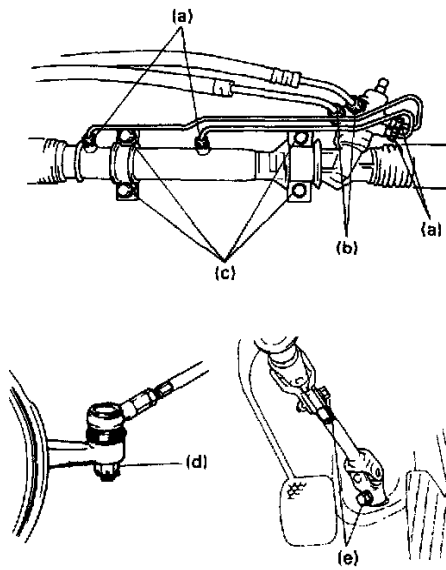
12. Disconnect high and low pressure pipes from steering gear box, using flare nut wrench.
- NOTE: As fluid flows out of disconnected joints, have a container under joints or a plug to pipe.
13. Remove steering gear box mounting bolts and then remove steering gear box from vehicle.

INSTALLATION

Reverse removal procedure for installation of steering gear box noting following points.

CAUTION: Be sure to confirm that steering wheel and front tires (wheels) are in straight position when inserting steering lower joint into steering pinion shaft.

^ If a plug was put to disconnected pipe when removing steering gear box, remove that plug before reconnecting pipe.



^ Use specified torque as given.

Tightening Torque

- (a): 20 Nm (2.0 kg-m, 14.5 ft. lbs.)
- (b): 33 Nm (3.3 kg-m, 24.0 ft. lbs.)
- (c): 55 Nm (5.5 kg-m, 40.0 ft. lbs.)
- (d): 45 Nm (4.5 kg-m, 32.5 ft. lbs.)
- (e): 25 Nm (2.5 kg-m, 18.5 ft. lbs.)

^ For installing each part, refer to respective component.

^ After installation, be sure to fill specified power steering fluid and bleed air.

^ Check toe setting.