

SECTION 4

UNDER VEHICLE

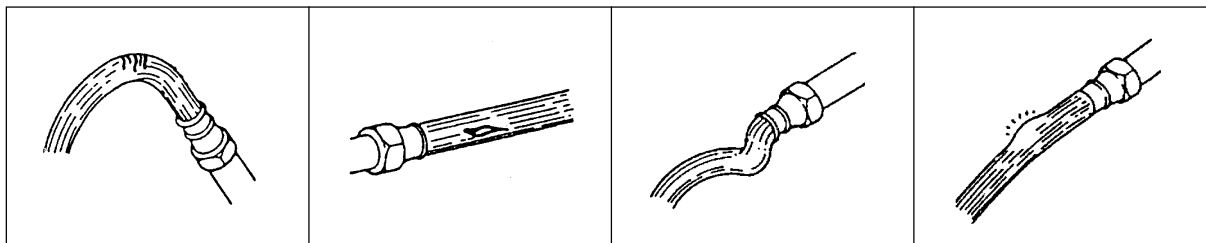
1. STEERING GEAR AND LINKAGE
2. PROPER TIE ROD CLAMP POSITION
3. EXHAUST SYSTEM FOR PROPER ALIGNMENT AND CLEARANCE
4. FRONT AND REAR SUSPENSION
5. CHECK AXLE AND MANUAL TRANSMISSION FLUID LEVEL
6. BRAKE SYSTEM
7. FUEL SYSTEM
8. DRIVE SHAFT OF FRONT DRIVE AXLES
9. VISUALLY INSPECT WHEEL STUD AND AXLE FLANGE NUTS
10. INFLATE TIRES TO SPECIFIED PRESSURE

UNDER VEHICLE INSPECTION

Raise the vehicle to overhead height to perform all inspections in this section.

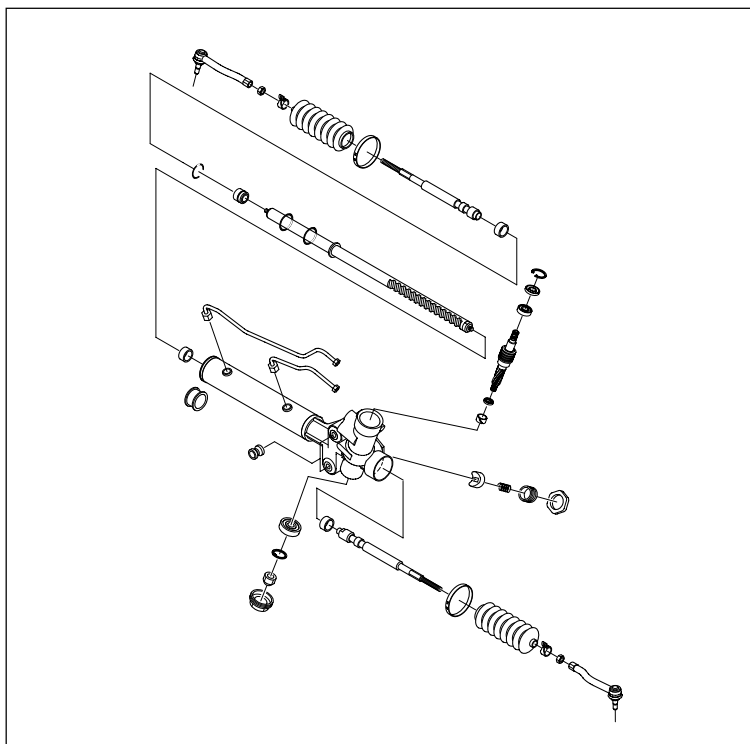
Visually inspect vehicle under carriage for looseness, missing components and line routing and clipping, and fluid leaks. – Tighten clamps, couplings

- Condition of brake lines, hoses and connections
 - Damage
 - Fluid leaks
 - Twisting
 - Swelling



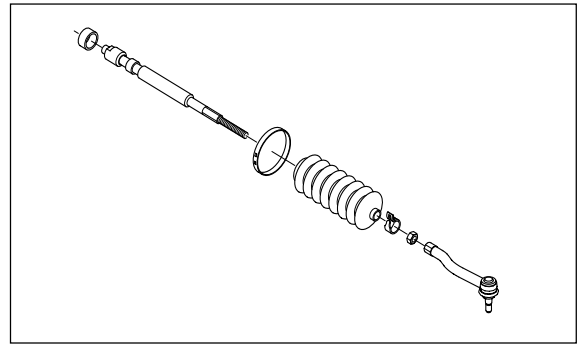
1. STEERING GEAR AND LINKAGE

Check steering gear and linkage.



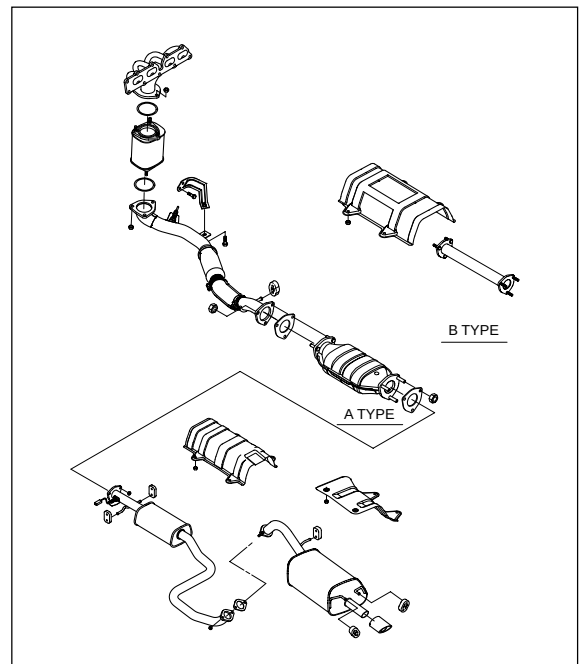
2. PROPER TIE ROD CLAMP POSITION

Check tie rod clamp.



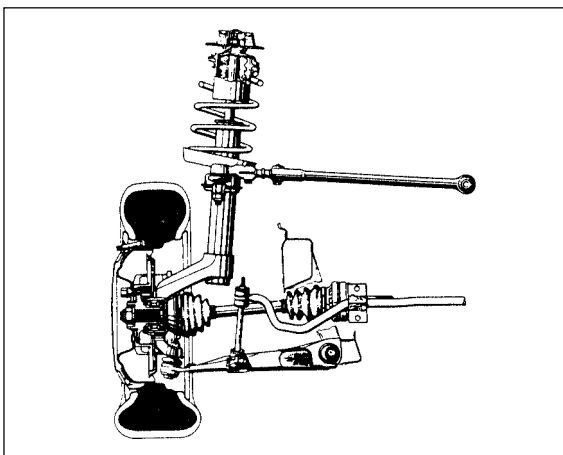
3. EXHAUST SYSTEM FOR PROPER ALIGNMENT AND CLEARANCE

Check exhaust system.

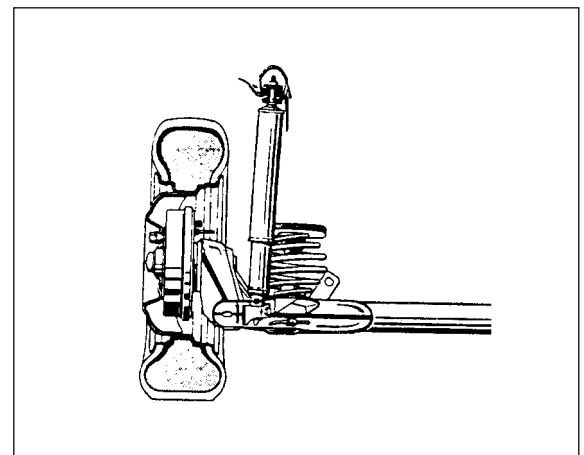


4. FRONT AND REAR SUSPENSION

Check front and rear suspension.



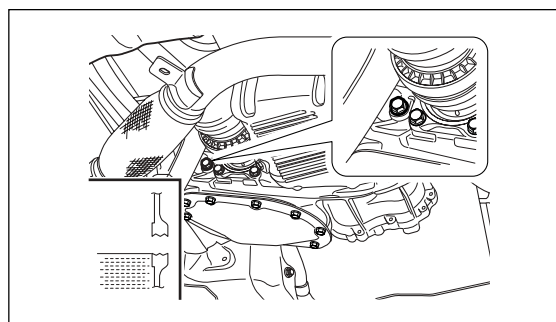
Front suspension



Rear suspension

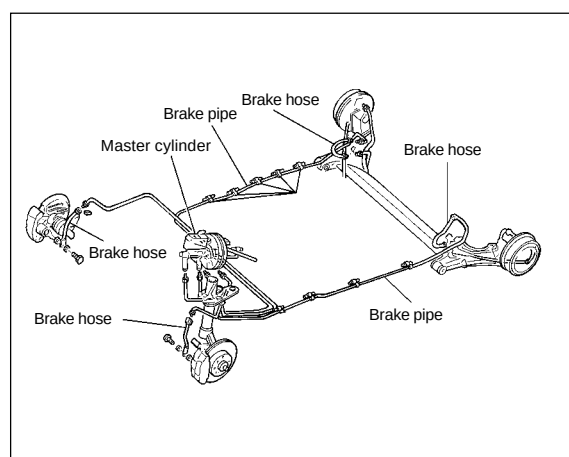
5. CHECK AXLE AND MANUAL TRANSMISSION FLUID LEVEL

– add as required



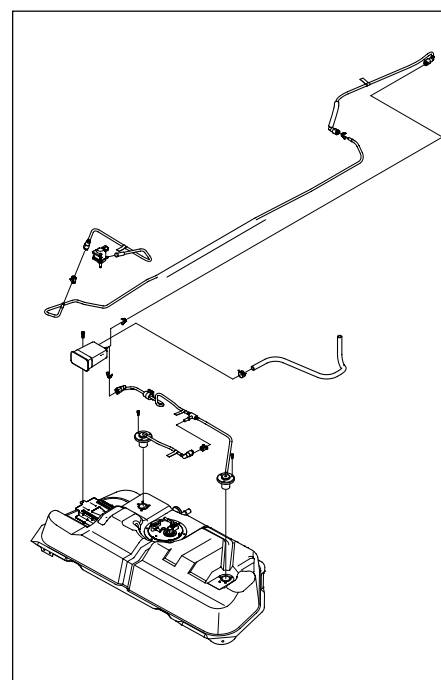
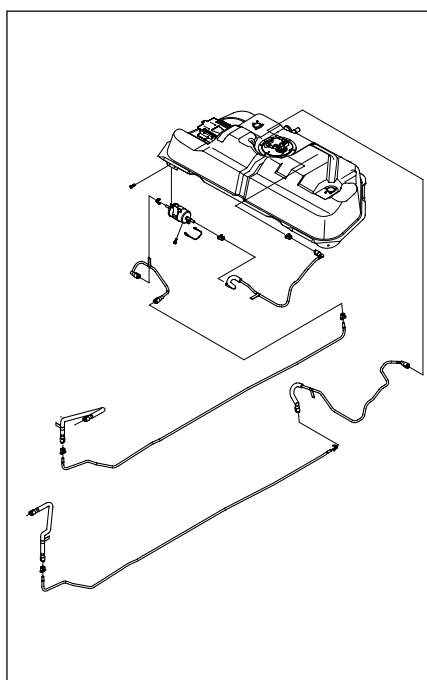
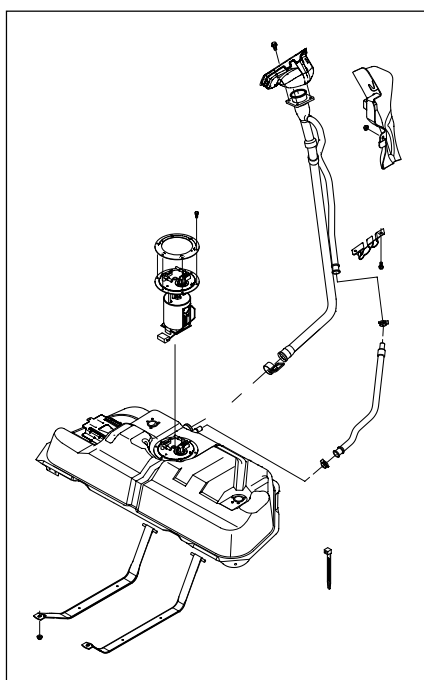
6. BRAKE SYSTEM

Check brake fluid, brake cylinder, pipes, hoses and parking brake. ABS should be checked, if adopted.



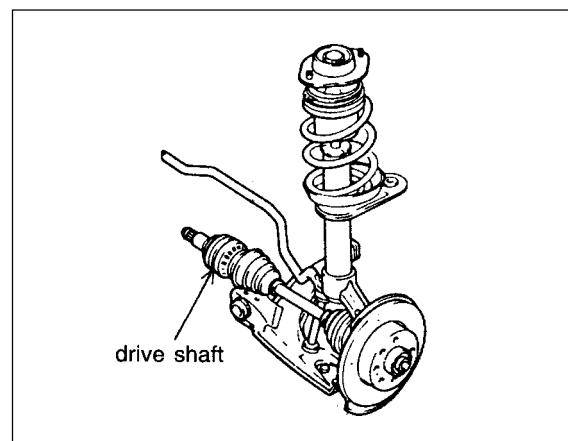
7. FUEL SYSTEM

Check the fuel tank, fuel pump, connection of fuel hoses and pipes, fuel injectors, fuel gauge and canister.



8. DRIVE SHAFT OF FRONT DRIVE AXLES

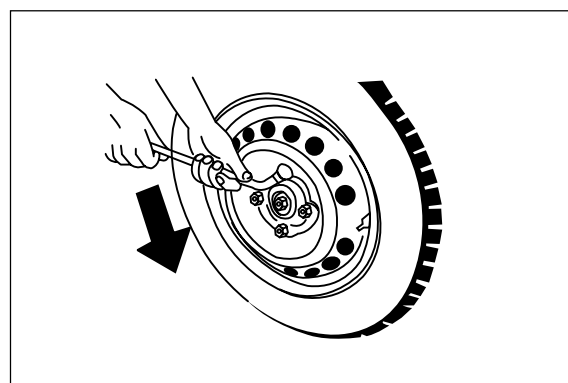
Check the drive shaft for rust, damage, bend and assembly condition.



9. VISUALLY INSPECT WHEEL STUD AND FLANGE NUTS

Taking off the wheel covers, and check wheel studs and flange nuts.

Torque of wheel stud: 12 kgf•m (120 N•m)



10. INFLATE TIRES TO SPECIFIED PRESSURE

Check inflation pressure of tires. [kPa(psi)]

Tire size		Front	Rear
KALOS	155/80 R13	210(30)	210(30)
	175/70 R13	210(30)	210(30)
	185/60 R14	210(30)	210(30)
NUBIRA/ LACETTI	175/70 R14	207(30)	207(30)
	185/65 R14	207(30)	207(30)
	195/55 R15	207(30)	207(30)
TACUMA /REZZO	185/70 R14	220(32)	220(32)
	195/60 R15	220(32)	220(32)
	195/70 R14	210(30)	210(30)
EVANDA	205/65 R15	230(33)	210(30)
	205/55 R16	210(30)	210(30)

