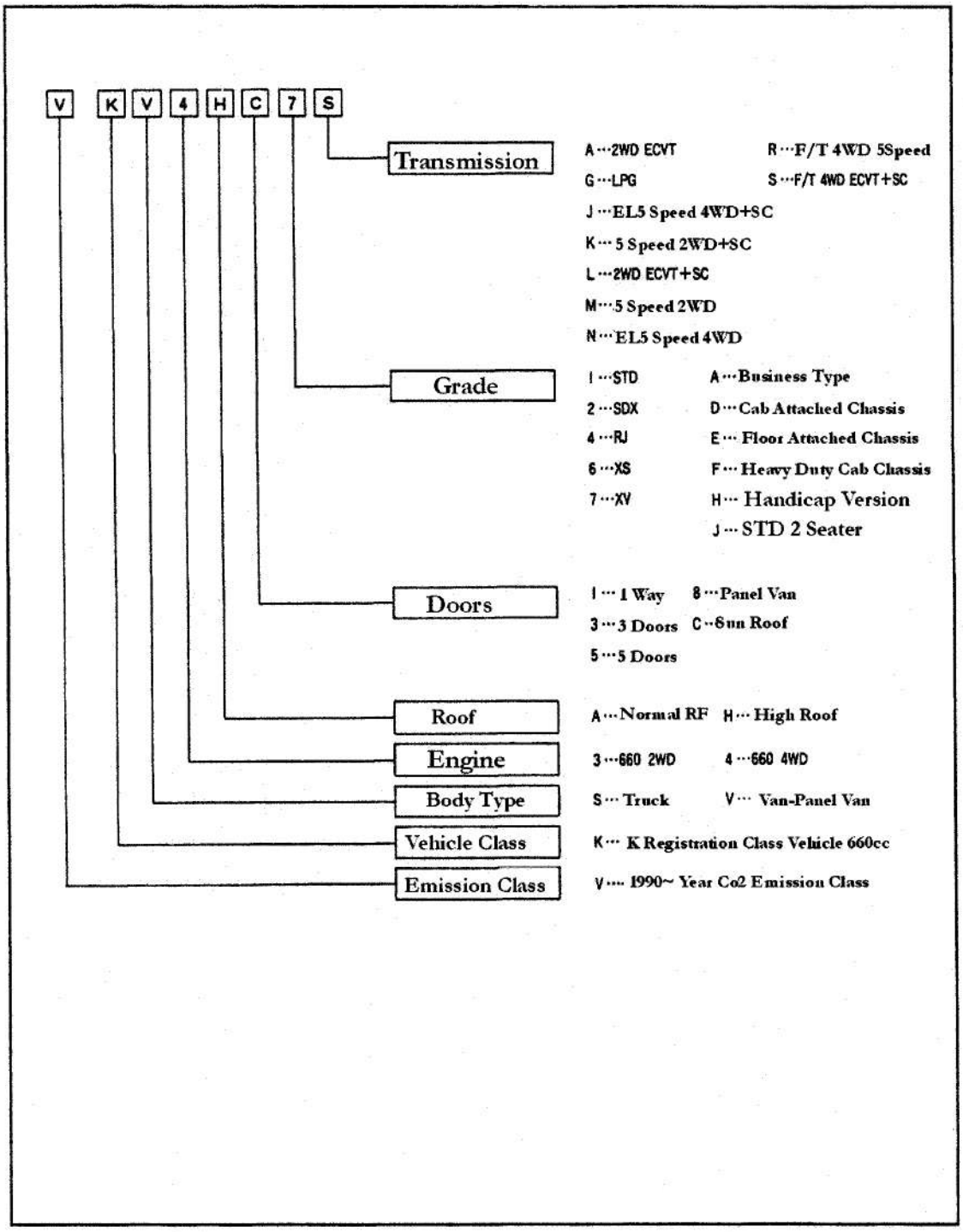
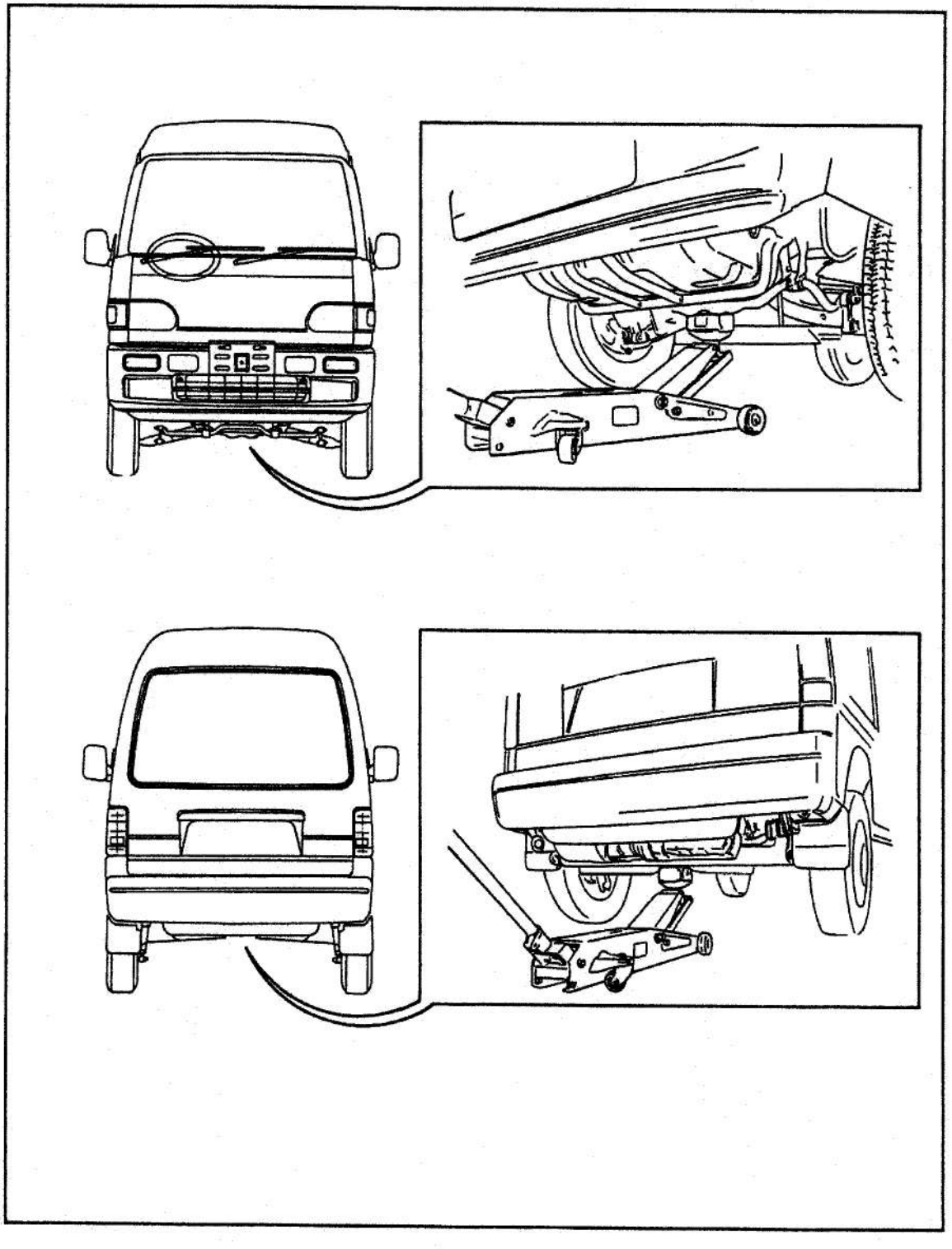
VIN Class Brakedown

Subaru Truck-Van Series K-Vehicles



Jacking Locations

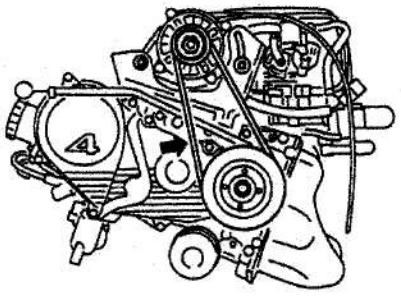


V-Belts

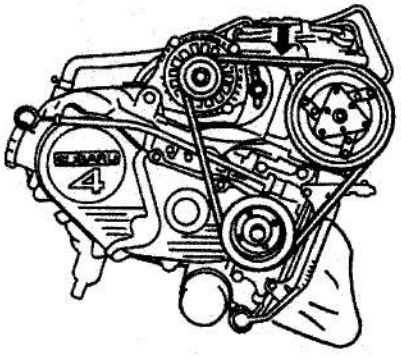
All V-Belts Should be Periodically Inspected for Cracks and Wear.

Note: All V-Belts Must be Changed at 100,000 Kilometers

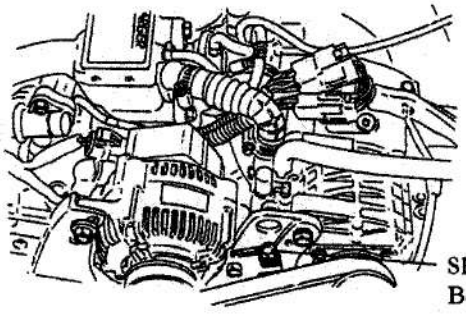
Carbureted Engine (No Accesories)

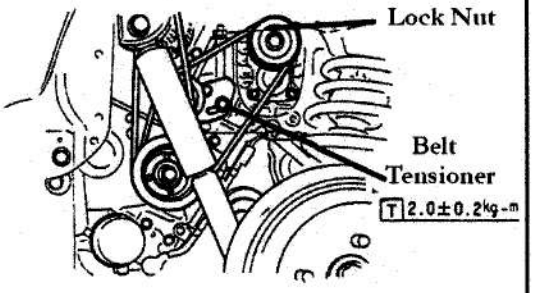


Carbureted Engine: AC Option

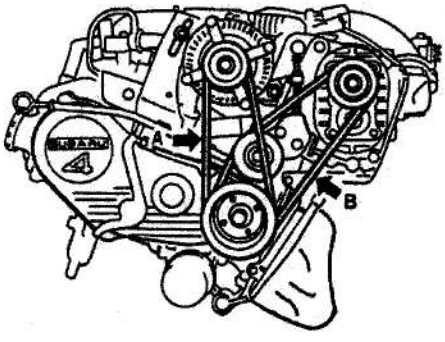


EFI Equiped Engines

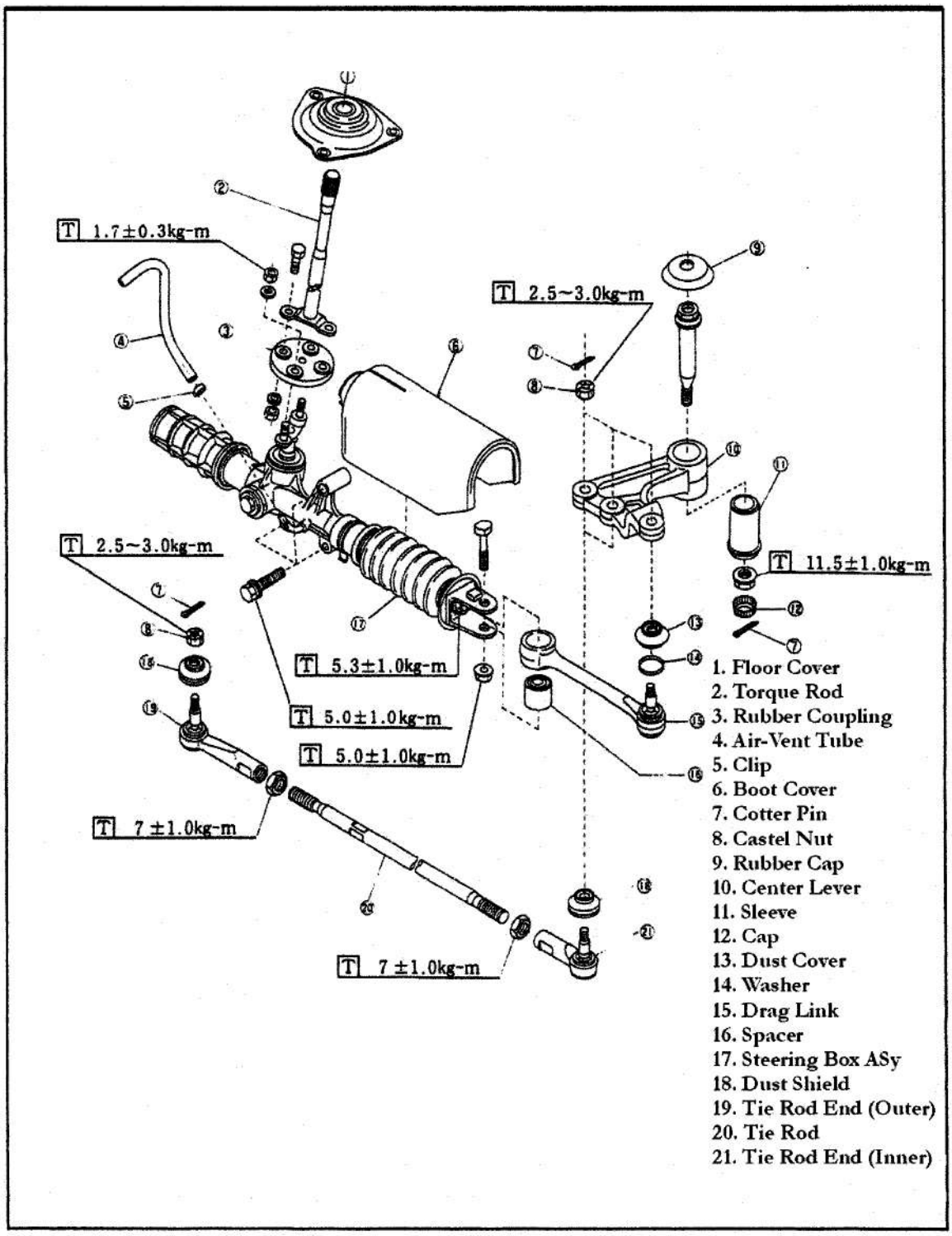




EFI Supercharged Engine

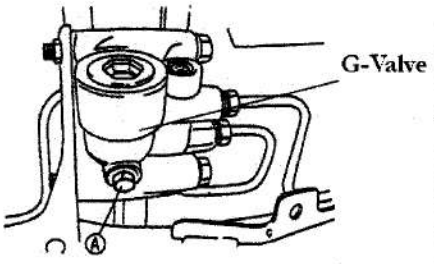


Exploded View (Rack & Pinion)



Air Bleeding

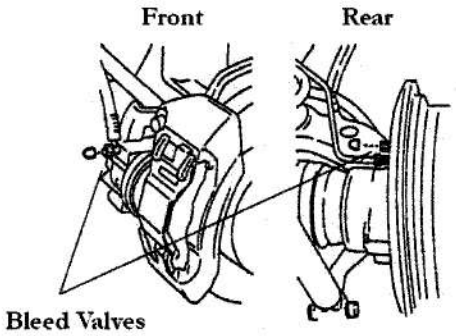
Caution: G-Valve Equiped Vehicles Will Need Bypass Before Bleeding Rear Brakes. See Below Diagram Reference (A). Turn 1 Rotation Open.



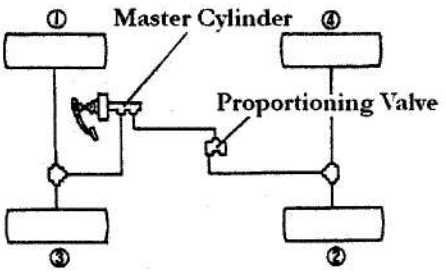
Note: 2 People Required

Use Chart Below For Order Of Bleeding Valves.

One Service Engineer Pumps Pedal 3 Times, Hold, Bleed Repeat. Repeat Procedure Until Air is Out.



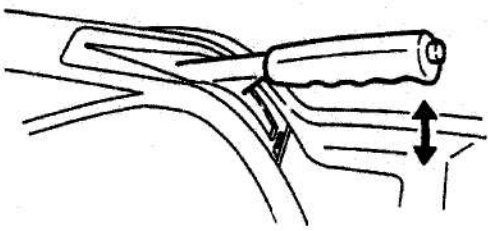
Bleed Air Series Order



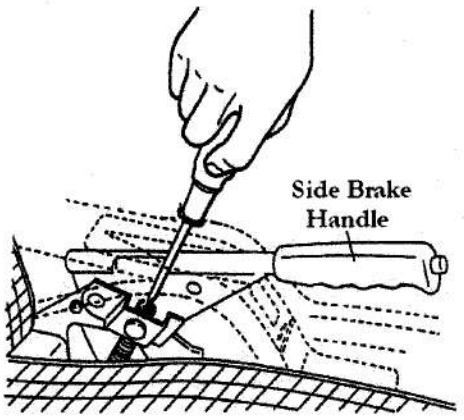
Parking Brake Lever

Parking Brake Lever Has 7~9 Inch Travel Allowance.

Force to Engage No More Than 20kg

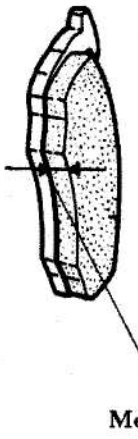


Note: Remove Side Brake Cover To Access Adjustment Screw



Brake Pad Inspection -Disk Rotor Inspection

Brake Pad Thickness

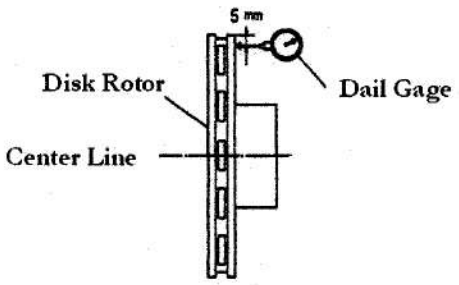


Limitations

Pad Thickness	Pass	15mm
	Fail	8 mm

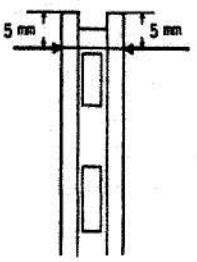
Disk Run-Out Limits

Note: Set Dail Gage 5mm From Top of Rotor



Brake Disk Run-Out Limit (mm)	0.1

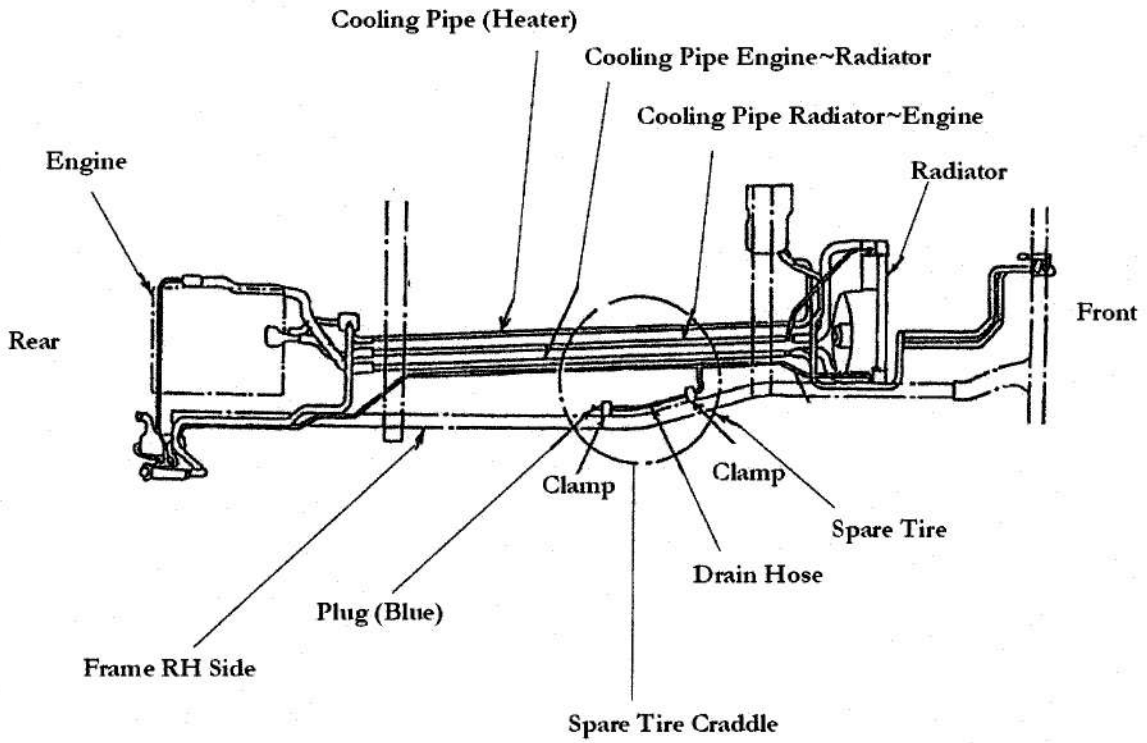
Note: Measure Thickness 5mm From Top



	Rotor Thickness
Fine	18.0mm
Limit	16.0mm

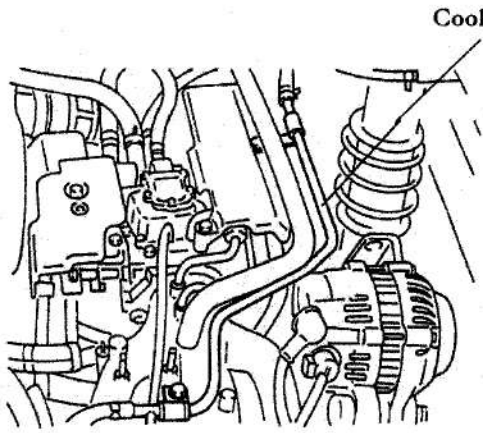
Engine Coolant System Diagram

Hose & Pipe Routing



Intake Manifold (Carbureted)

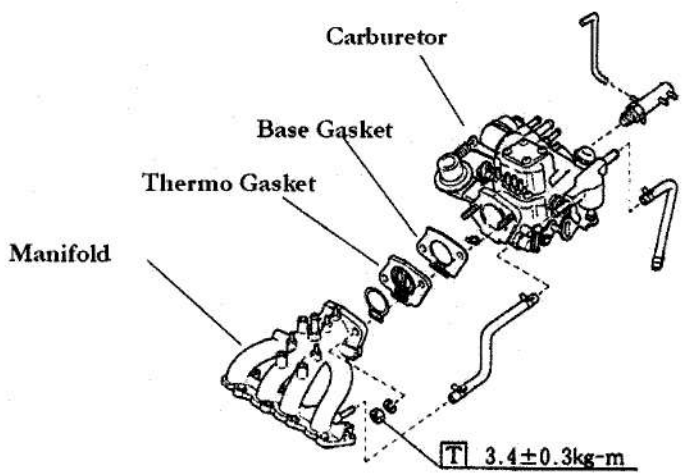
1. Disconnect (-) Negative Battery Terminal
2. Drain Coolant System
3. Remove Coolant Pipe in Below Diagram



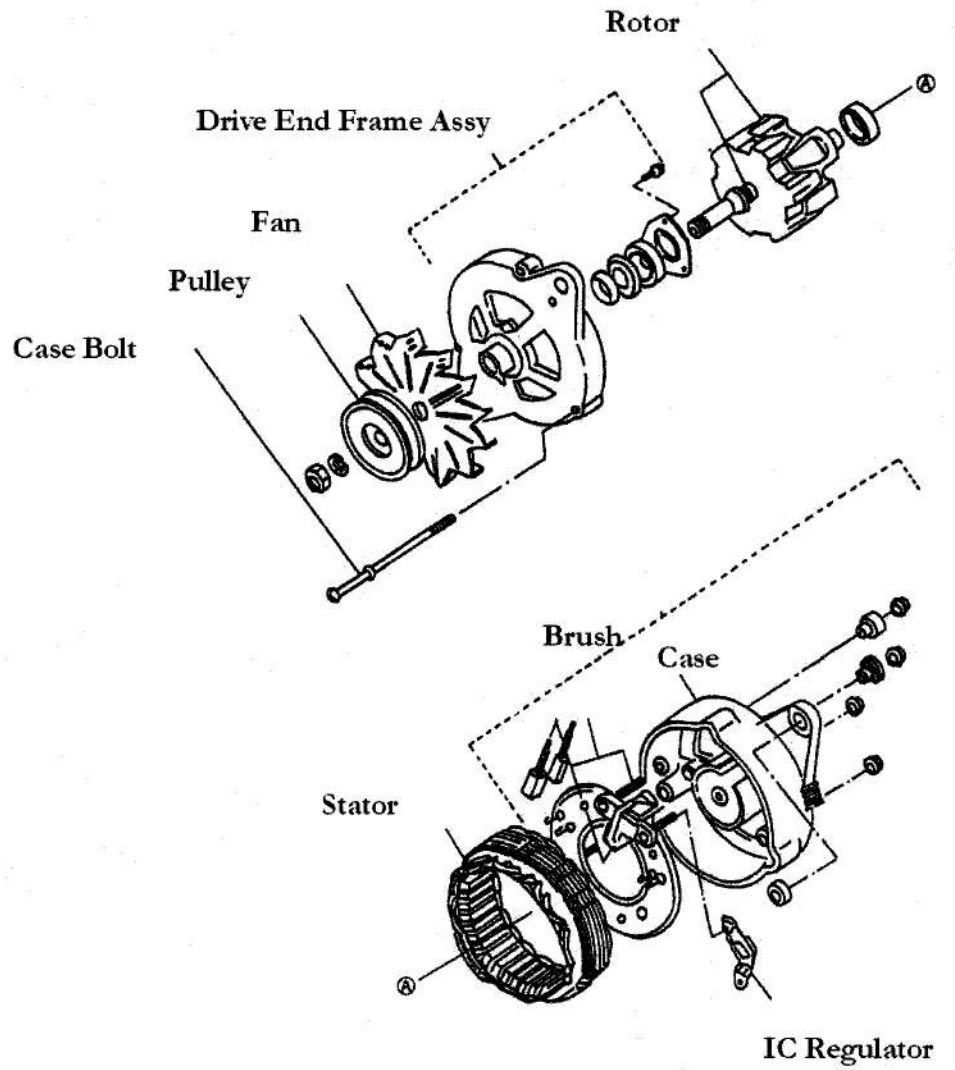
4. Remove any Hoses Necessary and Mark (Label) With Tape

See Diagram Below
5. Disconnect Carburetor Linkage, Vacuum Hoses, Fuel Line, etc.
6. Remove Carburetor
7.Remove Intake Manifold
8. Clean All Surfaces Before Re-Assembly

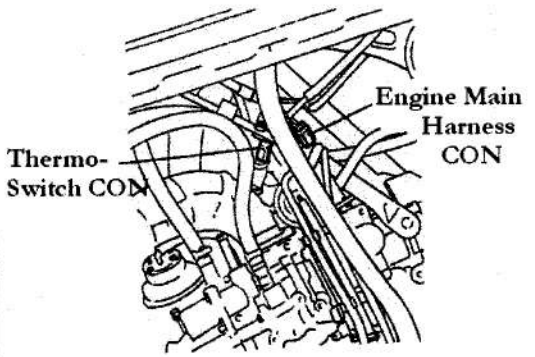
Note: Never Re-Use Gaskets



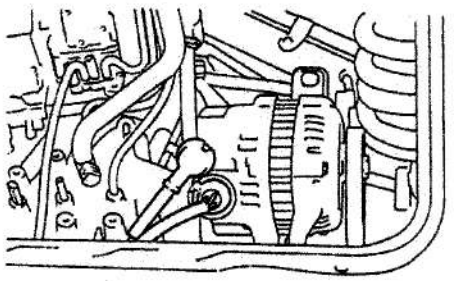
Exploded View



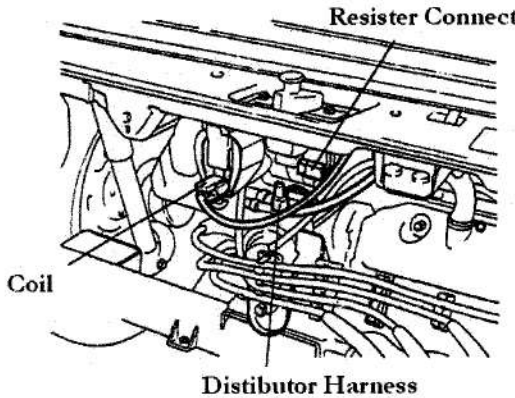
(3). Disconnect Main Harness and Thermo SW



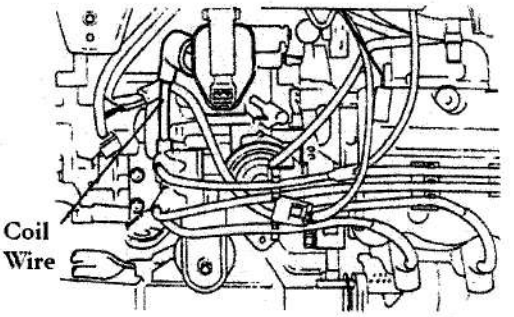
(4). Disconnect Altinator Connections



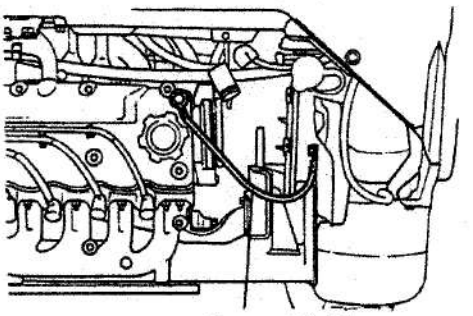
(5). Disconnect Ignition Coil
(6). Dicsonnect Distributor Harness
(7) Disconnect Resister CON



(8). Remove Coil Wire and IGN Coil

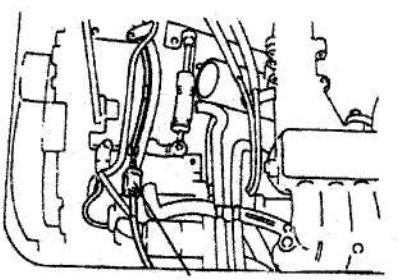


(9). Disconnect Engine Ground Cable



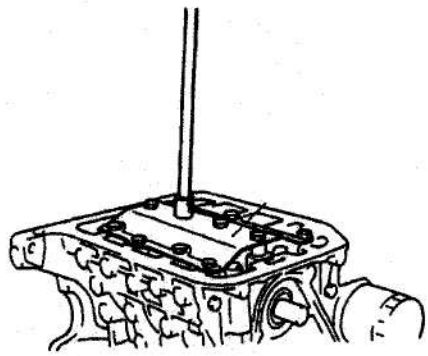
SC Vehicle

(1). Remove Starter Cable (+) and Harness CON
(2). Disconnect Transmission CON

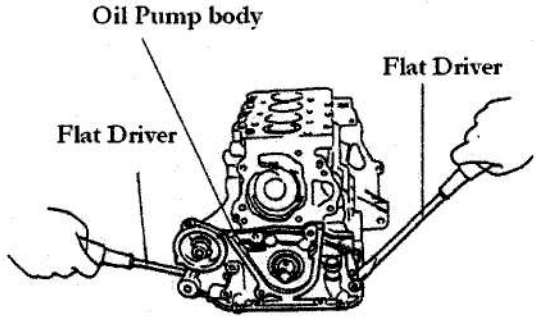


Engine Disassembly

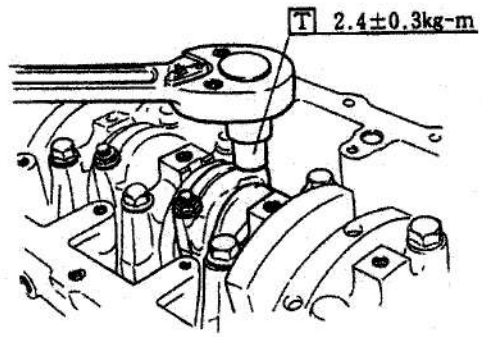
8. Remove Block Stiffener Plate



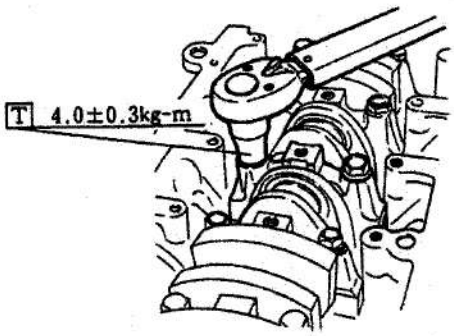
9. Remove Oil Pump Body



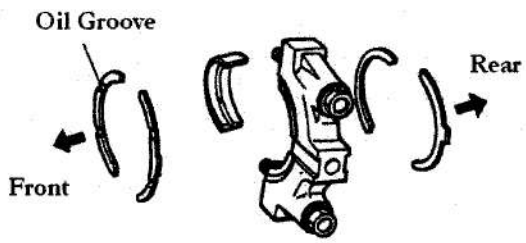
Note: Use Caution Not To Brake Casing



10. Remove Rod End Caps
(Mark Cap Cylinder #)
11. Remove Crankshaft End Caps
(Mark Cap)
12. Remove Crankshaft

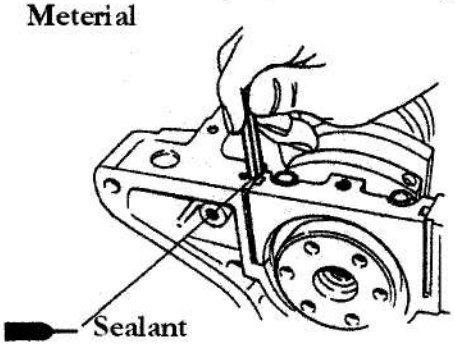


13. Remove Crankshaft Oil Seal
14. Remove Thrust Bearings



Block Assembly

3. Coat Bearing Cap Seal With 1/3 Bead of 3Bond or Equivalent Bonding Meterial

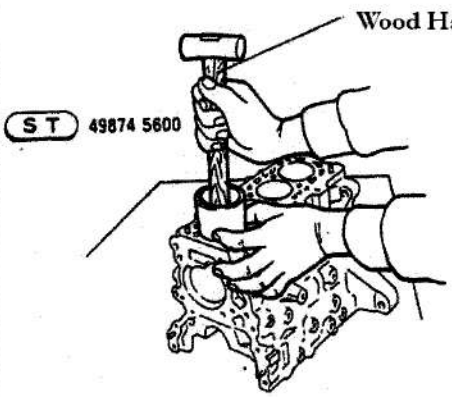


4. Assemble Pistons and Connecting Rods for Installation.

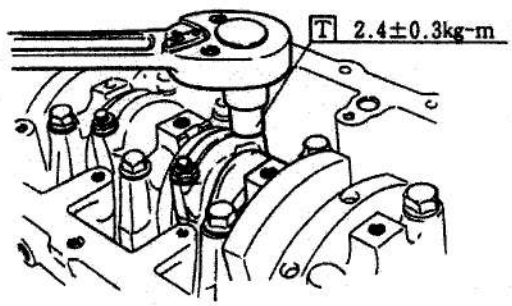
Note: Use the Chart in This Chapter of The Book For Ring Configuration

5. Use a Spring Compressor to Install Pistons into Their Respective Bores

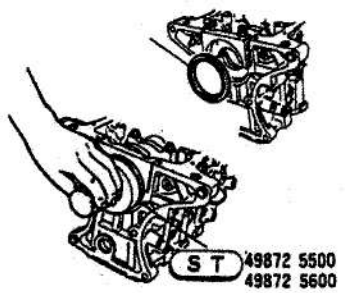
Note: Use a Vacuum Hose and Cover Rod End Bolts to Prevent Crank Damage



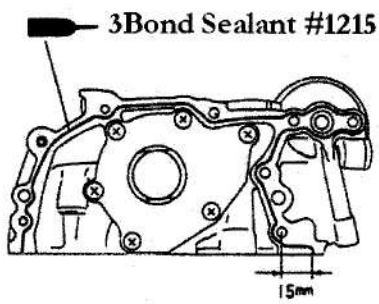
6. Attach Bearings and Caps Torque to Specifications Below



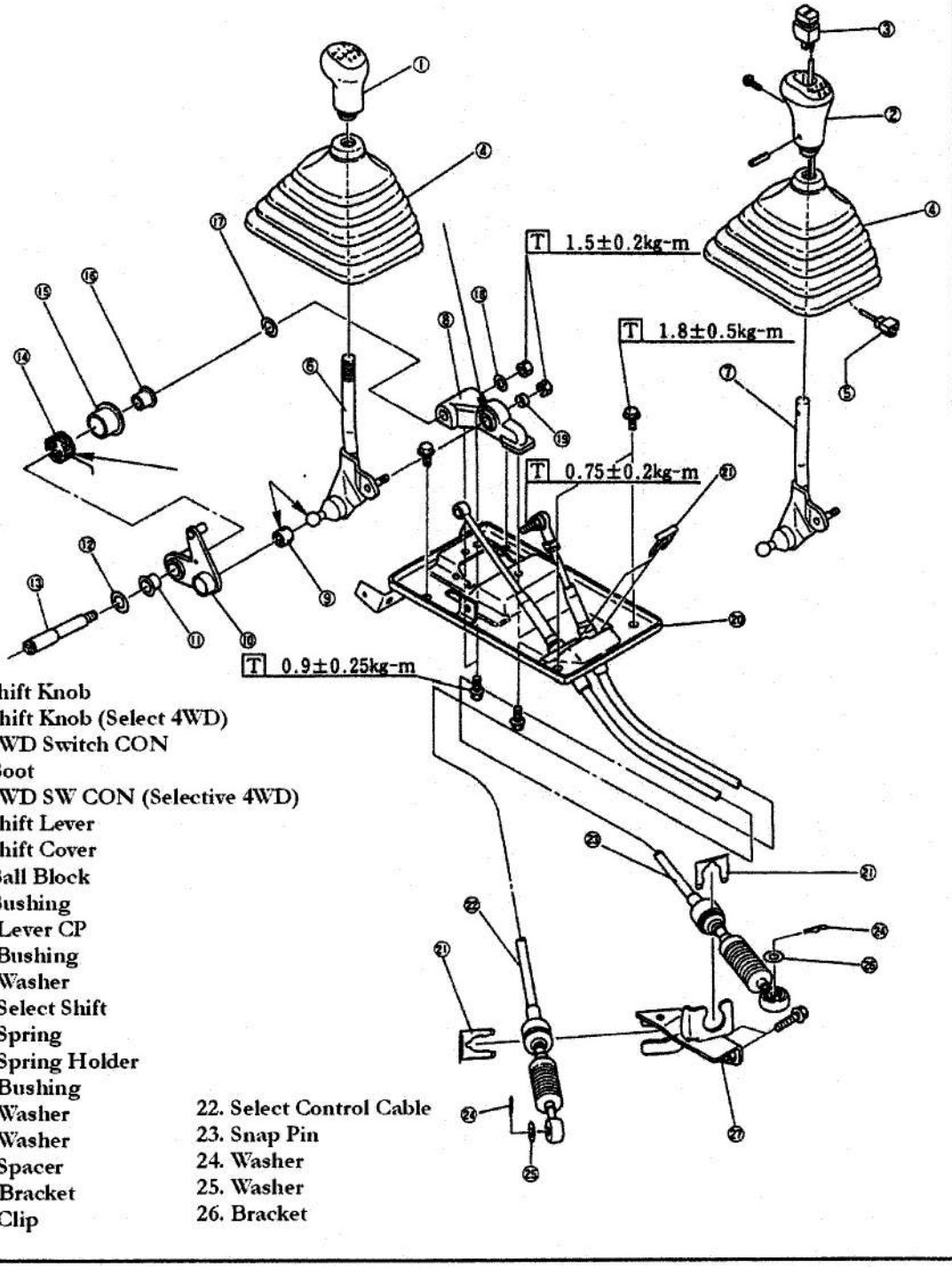
7. Attach Rear Oil Seal



8. Attach Oil Pump

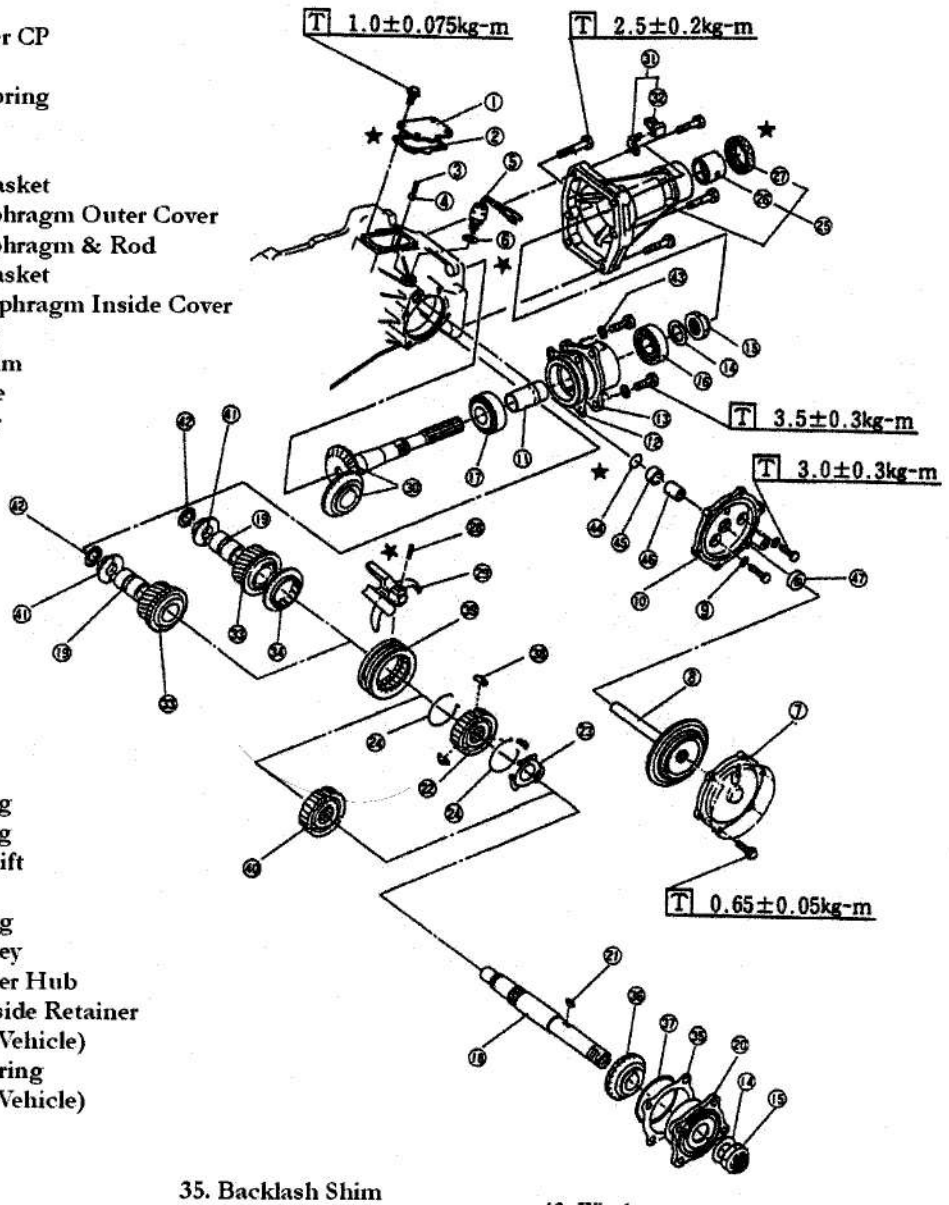


Gear Shift System



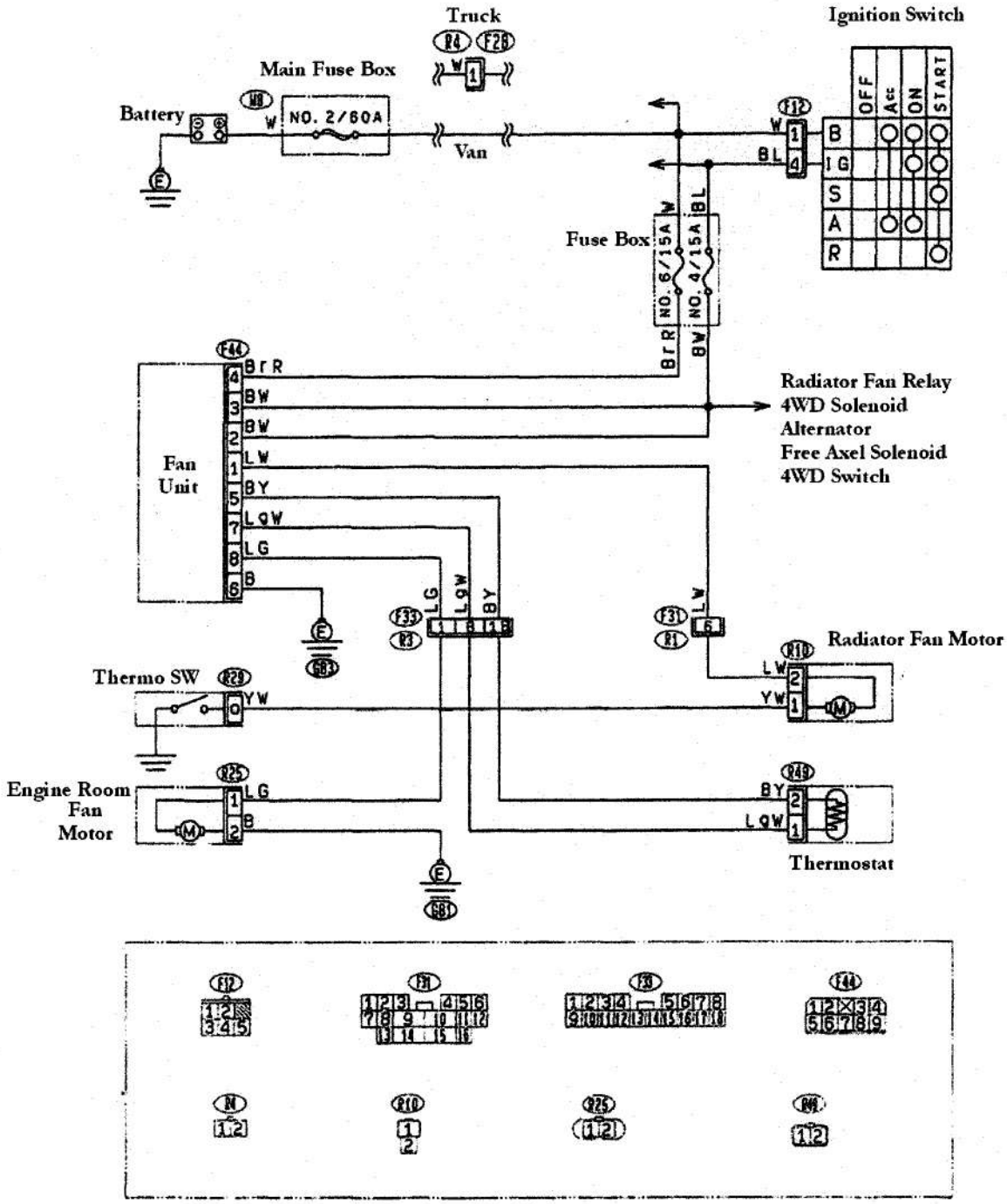
1. Shift Knob
2. Shift Knob (Select 4WD)
3. 4WD Switch CON
4. Boot
5. 4WD SW CON (Selective 4WD)
6. Shift Lever
7. Shift Cover
8. Ball Block
9. Bushing
10. Lever CP
11. Bushing
12. Washer
13. Select Shift
14. Spring
15. Spring Holder
16. Bushing
17. Washer
18. Washer
19. Spacer
20. Bracket
21. Clip
22. Select Control Cable
23. Snap Pin
24. Washer
25. Washer
26. Bracket

Transfer Extension



1. Transfer Cover CP
2. Gasket
3. Check Ball Spring
4. Check Ball
5. 4WD Switch
6. Aluminum Gasket
7. Transfer Diaphragm Outer Cover
8. Transfer Diaphragm & Rod
9. Aluminum Gasket
10. Transfer Diaphragm Inside Cover
11. Clasp Spacer
12. Backlash Shim
13. Bearing Case
14. Lock Washer
15. Lock Nut
16. Ball Bearing
17. Ball Bearing
18. Transfer Shift
19. Bushing
20. Ball Bearing
21. Woodriff Key
22. Synchronizer Hub
23. Shifting Inside Retainer (Free Axle Vehicle)
24. Synchro Spring (Free Axle Vehicle)
25. Extension
26. Bushing
27. Oil Seal
28. Spring Pin
29. Transfer Shifter Fork
30. Drive Bevel Gear
31. Stay (Free Axle Vehicle)
32. Support (Free Axle)
33. Transfer Driven Gear
34. Syncho Ring
35. Backlash Shim
36. Transfer Bevel Gear
37. O Ring
38. Shifting Inside (Fee Axel)
39. Syncho Sleeve
40. Transfer Synchro Hub
41. Washer
42. Snap Ring
43. Washer
44. O Ring
45. Oil Seal
46. Transfer Side Cover Pin
47. Oil Seal

Engine Compartment Cooling
Engine Room Fan
Radiator Fan



Connector Pins