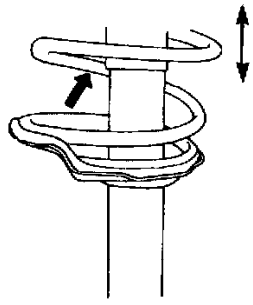
Strut: Testing and Inspection

STRUT ASSEMBLY CHECK

1. Inspect strut for oil leakage. If strut is found faulty, replace it as an assembly unit, because it can not be disassembled.



2. Strut function check
   Check and adjust tire pressures as specified. Bounce vehicle body three or four times continuously by pushing front end on the side with strut to be checked. Apply the same amount of force at each push and note strut resistance both when pushed and rebounding.
   Also, note how many times car body rebounds before coming to stop after hands are off.
   Do the same for strut on the other side.
   Compare strut resistance and number of rebound on the right with those on the left. And they must be equal in both.
   With proper strut, car body should come to stop the moment hands are off or after only one or two small rebounds. If struts are suspected, compare them with known good vehicle or strut.
3. Inspect for damage or deformation.
4. Inspect bearing for wear, abnormal noise or gripping.
5. Inspect for cracks or deformation in spring seat.
6. Inspect for deterioration of bump stopper.
7. Inspect rebound stopper and strut mount for wear, cracks or deformation. Replace any parts found defective in Steps 2 - 7.