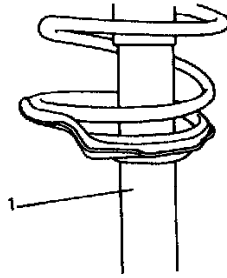


Shock Absorber: Testing and Inspection

REAR 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.



1. Strut assembly

2. Strut function check

Check and adjust tire pressure as specified. Bounce vehicle body three or four times continuously by pushing rear 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 vehicle 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, vehicle 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 for abnormal noise.
5. Inspect for cracks or deformation in spring seat.
6. Inspect for deterioration of bump stopper.
7. Inspect strut support for wear, cracks or deformation. Replace any parts found defective in Steps 2 - 7.