

# SERVICEGRAM

Exclusive **Ride Control Technology** Solution

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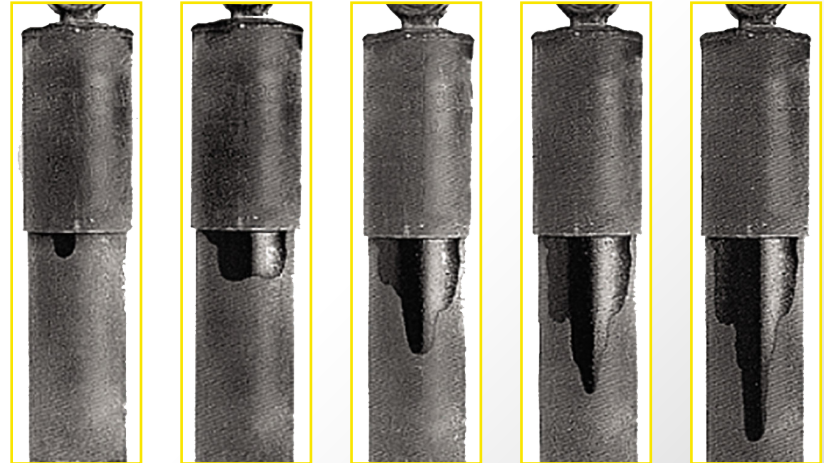
## Weepage vs. Leakage

Leakage is apparent when most of the shock/strut appears wet and oily or where fluid is found dripping off the shock/strut. When leakage is diagnosed, shock/strut replacement is required.

## Leaking Fluid Doesn't Necessarily Mean Shock or Strut Failure

Noticing oil on the outside of the shock/strut doesn't mean the product has failed. The inside of the shock/strut has a piston and hydraulic fluid. Every day, the vehicle is traversing over bumps, potholes and rough road conditions, forcing the piston against the hydraulic fluid. This fluid can seep out of the shock/strut. A minimal amount is identified as "weepage" and doesn't require shock/strut replacement. These small amounts are highly acceptable and are the result of fluid that is clinging to the rod and pulled past the oil seal on the extension stroke.

## Examples of Weepage



## Inspection Procedure to Determine Weepage or Leakage

Here are some examples to help determine the shock/strut's weepage or leakage diagnosis.

Shock Absorbers				Coil-Over Shock Absorbers				Struts			
1	2	3	4	1	2	3	4	1	2	3	4

Oil found on units 1 and 2 reflect weepage and do not require replacement. Units 3 and 4 reflect leakage and require replacement.

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