

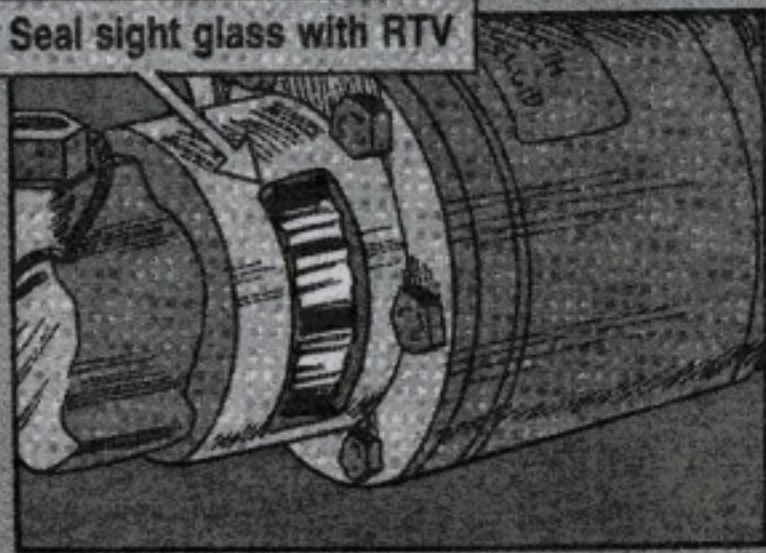
Stop Cold Weather Leak

Cold weather causes most material to contract. And the colder it gets, the more the material contracts.

This certainly holds true with the main rotor damper assembly on your UH-1 Huey.

When the temperature really drops — like below 0°F — the assembly's hydraulic fluid sight glass contracts. When it shrinks enough, hydraulic fluid seeps past the glass.

Seal sight glass with RTV



That makes it hard to verify the fluid level and can lead to contamination.

Fix that problem by putting a bead of RTV, NSN 8030-00-251-2312, around the outside edge of the glass. After it cures, the RTV acts as a liquid-tight seal that keeps the hydraulic fluid in its place.

Before applying the RTV, make sure you thoroughly clean the damper assembly. Otherwise, the RTV will not adhere well to the surface.