

8. HYDRAULIC STEERING DAMPER

[Optional on all H2 models and on some U.S. H1 models]

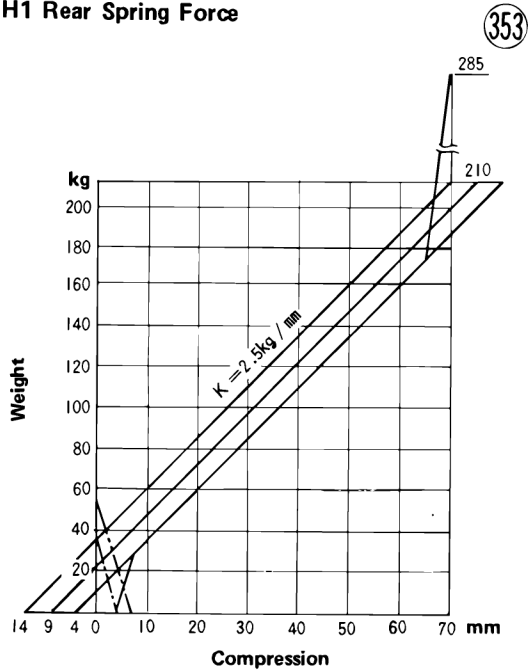
1) Construction and Operation

This steering damper is connected between the steering stem and the frame, and serves to minimize handlebar vibration at high speeds.

It consists mainly of a piston inside an oil-filled cylinder. As the handlebars move from side to side, the piston moves back and forth inside the cylinder, and oil is forced to flow through a small hole in the head of the piston. Resistance to that flow of oil prevents too sudden handlebar movement and in this manner dampens vibration.

On some newer models the damping force is adjustable by turning a thumbscrew on the end of the damper.

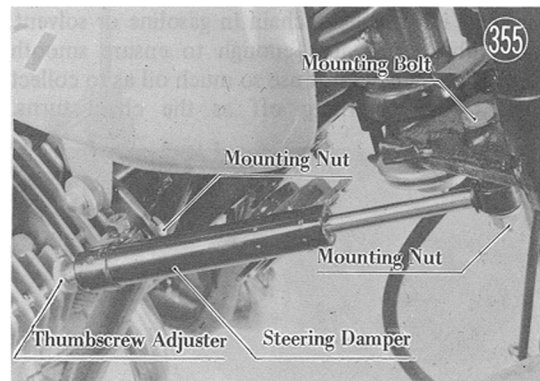
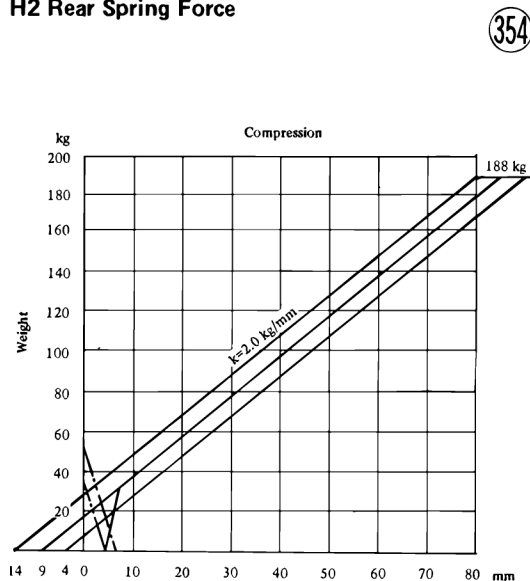
H1 Rear Spring Force



2) Disassembly

Remove the two mounting nuts and take off the damper.

H2 Rear Spring Force



3) Inspection

Inspect the steering damper for oil leakage. If it is leaking, it must be replaced as a unit since it is a non-disassembly part.