

Servo Valve Body

Disassembly/Inspection/Reassembly

NOTE:

- Clean all parts thoroughly in solvent or carburetor cleaner, and dry with compressed air. Blow out all passages.
- Check all valves for free movement. If any fail to slide freely, see Valve Body Repair.
- Replace valve body as assembly if any parts are worn or damaged.

SERVO VALVE RETURN SPRING FREE LENGTH

Standard : 40.3 mm (1.59 in)

Service Limit: 36.7 mm (1.44 in)

Accumulator Spring O.D.

2nd Accumulator Spring: 16.5 mm (0.65 in)

3rd Accumulator Spring: 16.0 mm (0.63 in)

4th Accumulator Spring: 18.6 mm (0.73 in)

Accumulator Spring Free Length

2nd Accumulator Spring

Standard 87.7 mm (3.45 in)

Service Limit: 86.4 mm (3.40 in)

3rd Accumulator Spring

Standard: 78.3 mm (3.08 in)

Service Limit: 77.1 mm (3.04 in)

4th Accumulator Spring

Standard: 78.0 mm (3.07 in)

Service Limit: 76.8 mm (3.02 in)

