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) TRANSMISSION MAGNET Service Limit: 86.4 mm (3.40 in) Replace 3rd Accumulator Spring Standard: 78.3 mm (3.08 in) Service Limit: 77.1 mm (3.04 in) 2nd ACCUMULATOR 4th Accumulator Spring BODY Standard: 78.0 mm (3.07 in) 4th CLUTCH PIPE Service Limit: 76.8 mm (3.02 in) MAGENT HOLDER SPRING Replace 2nd ACCUMULATOR SPRING **FILTER SCREEN BAFFLE PLATE** Replace Replace 21.2 x 2.4 mm **O-RING** Replace 3rd CLUTCH PIPE 2nd ACCUMULATOR **PISTON** ACCUMULATOR COVER 24 x 2.9 mm O-RING SERVO VALVE Replace BODY STOPPER CAP 3rd ACCUMULATOR SPRING 4th ACCUMULATOR 21.2 x SPRING **SERVO VALVE RETURN** 2.4 mm **SPRING** O-RING 21.2 x 2.4 mm Replace **O-RING** SHIFT FORK SHAFT Replace Inspect for wear or damage. 4th ACCUMULATOR 31 x 2.7 mm O-RING **PISTON** Replace 29 x 2.7 mm 3rd ACCUMULATOR 28.3 x 2.4 mm O-RING **PISTON O-RING** Replace Replace