

PEDAL ASSEMBLY for Modulating Valves



Sensor Replacement Instructions

Model Number	Sensor Replacement Kit
06-466-442	06-400-327
06-466-444	06-400-327
06-466-915	06-400-327
06-466-927	06-400-327

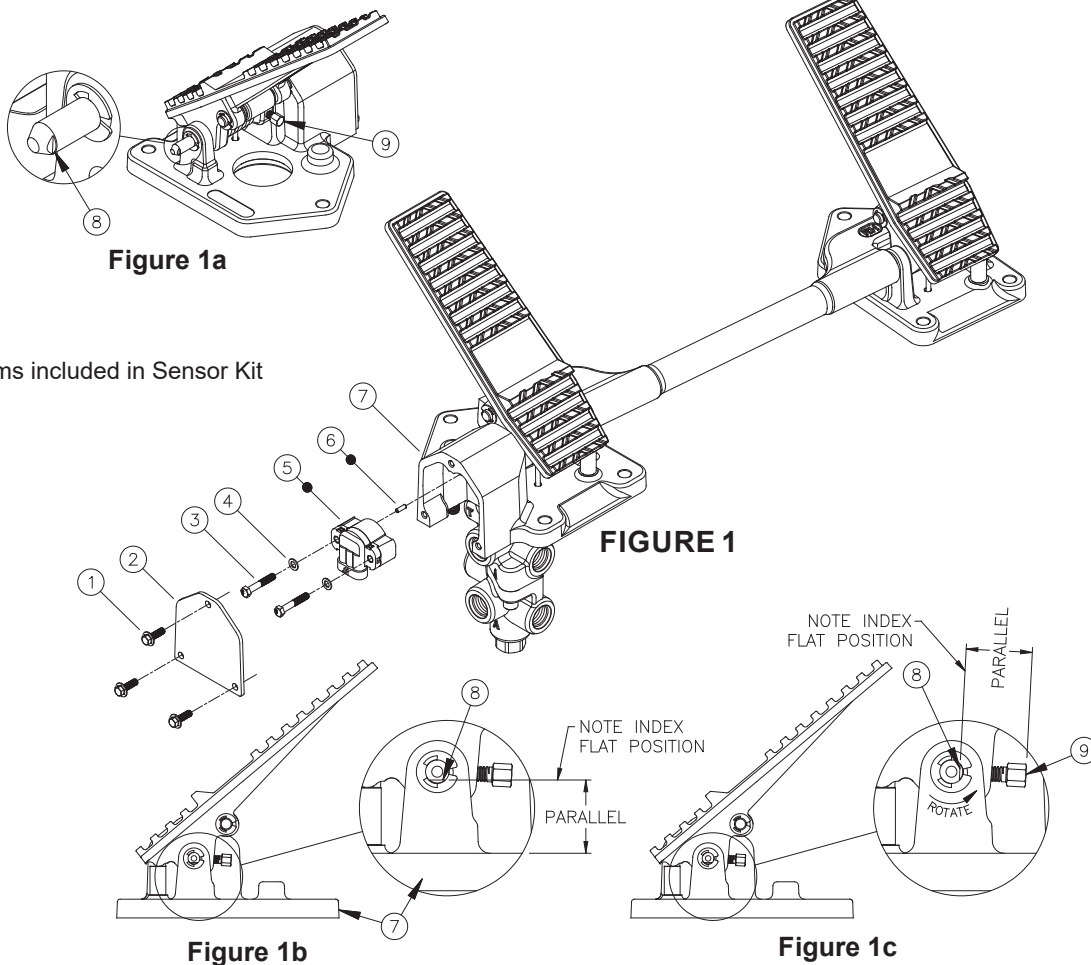
NOTE
Before servicing the sensor in pedal base assembly, disconnect power source at the machine battery.

DISASSEMBLY

1. Remove three screws (1) and cover (2) from pedal base (7).
2. Disconnect wiring harness connector from sensor (5).
3. Remove two screws (3), two washers (4) and sensor (5) from pedal base (7). Note that dowel pin (6) is press fit into sensor (5) and will be removed with sensor (5). Discard sensor (5) and dowel pin (6).

ASSEMBLY

1. Press new dowel pin (6) into positioning hole in new sensor (5) with a 89 N (20 lb) force maximum.
2. Loosen set screw (9), shown in Figure 1a, and rotate pin (8) index flat to a position parallel with the top surface of base (7), see Figure 1b.
3. While holding pin (8) index flat in the position shown in Figure 1b, install new sensor (5) in pedal base (7) using two screws (3) and two washers (4). Be sure dowel pin (6) aligns with positioning hole in pedal base (7). Torque screws (3) 2.03-2.49 N·m (18-22 lb·in).
4. Rotate pin (8) index flat counter-clockwise to its original position as shown in Figure 1c. Torque set screw (9) 9.0-10.2 N·m (80-90 lb·in).
5. Reconnect wiring harness connector to sensor (5).
6. Install cover (2) on pedal base (7) using three screws (1). Torque screws (1) 2.03-2.49 N·m (18-22 lb·in).
7. Reconnect battery power source. Be sure new sensor is properly functioning according to machine manufacturer specifications before using machine.



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