

SMART VALVE TECHNOLOGY



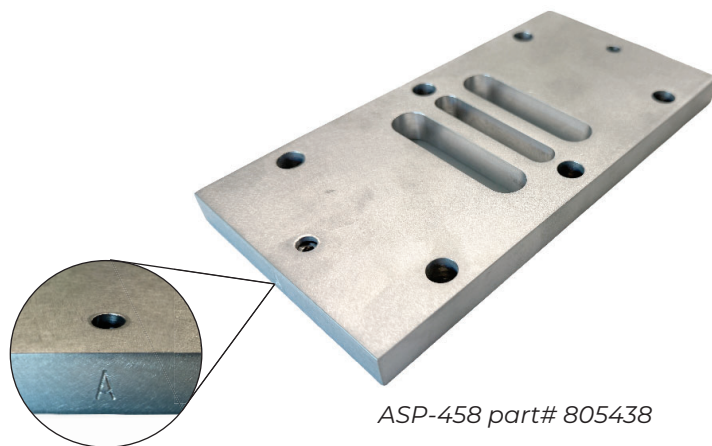
Automatic Smart Plate Installation

Instructions | Read carefully before handling.

PRODUCT Overview

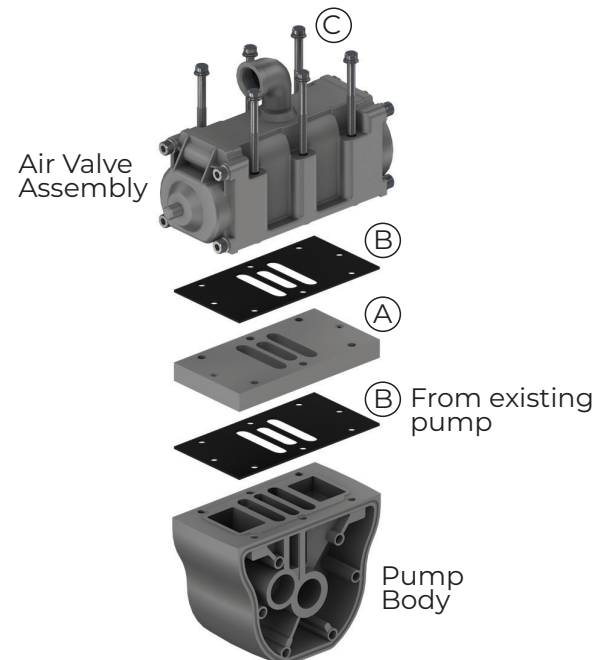
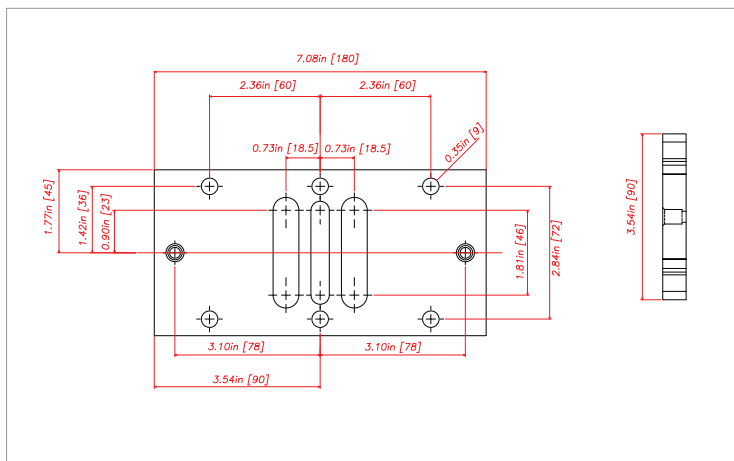
The 805439 smart plate package is a retrofit kit designed to improve AODD pump operation by optimizing air valve actuation. It uses pneumatic activation to engage the air valve, allowing immediate pump start-up when air is supplied.

The upgraded Automatic Smart Plate (ASP) design reduces the risk of the pump stalling during operation and minimizes wear on internal components. The valve also features self-calibration, automatically adjusting during operation to maintain consistent and reliable performance without manual intervention.



AVAILABLE FOR NDP 1-1/2", 2" and 3" PUMPS

Automatic Smart Plate #:	805438 (ASP-458)
Kit Part #:	805439
Kit Includes:	(1) 805438 (A) (1) Gasket (B) (6) Bolts (C) (6) Spring Washers (C) (6) Flat Washers (C)



Installing automatic smart plate kit 805439 to pump:

1. Remove six (6) retainer bolts, washers, the air valve assembly, and the existing gasket.
2. Place existing gasket in place against center block. The gasket may be oriented either way. (B)
3. Install the 805438 smart plate over the gasket, ensuring the mark "A" points upward. (A)
4. Place a second gasket on the opposite side of the 805438 smart plate so the plate is sandwiched between two (2) gaskets - one on each side. (B)
5. Reinstall the air valve assembly on top of the gasket.
6. Secure body of the pump with NEW (6) air valve retainer bolts, (6) spring washers, and (6) flat washers. (C)
7. Torque bolts to 12 ft-lb.

