

Installation & Maintenance Instructions



OPEN-FRAME, GENERAL PURPOSE, WATERTIGHT/EXPLOSIONPROOF SOLENOIDS

SERIES
8003G/H
8007G/H
8202G/H

NOTICE: See Installation and Maintenance Instructions, I&M No. V6584R14 - Section 1 of 2 for detailed instructions.

Torque Chart

Part Name	Torque Value in Inch-Pounds	Torque Value in Newton-Meters
solenoid base sub-assembly	175 ± 25	19,8 ± 2,8
pipe adapter	90 maximum	10,2 maximum

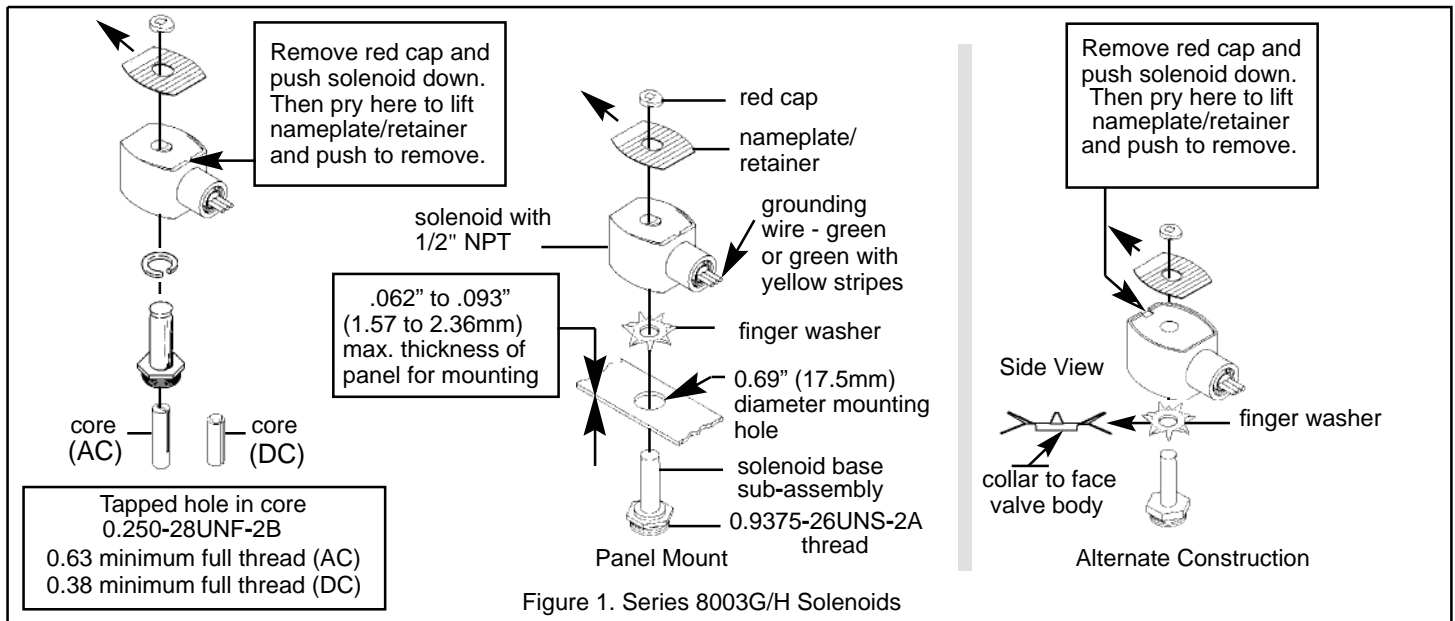


Figure 1. Series 8003G/H Solenoids

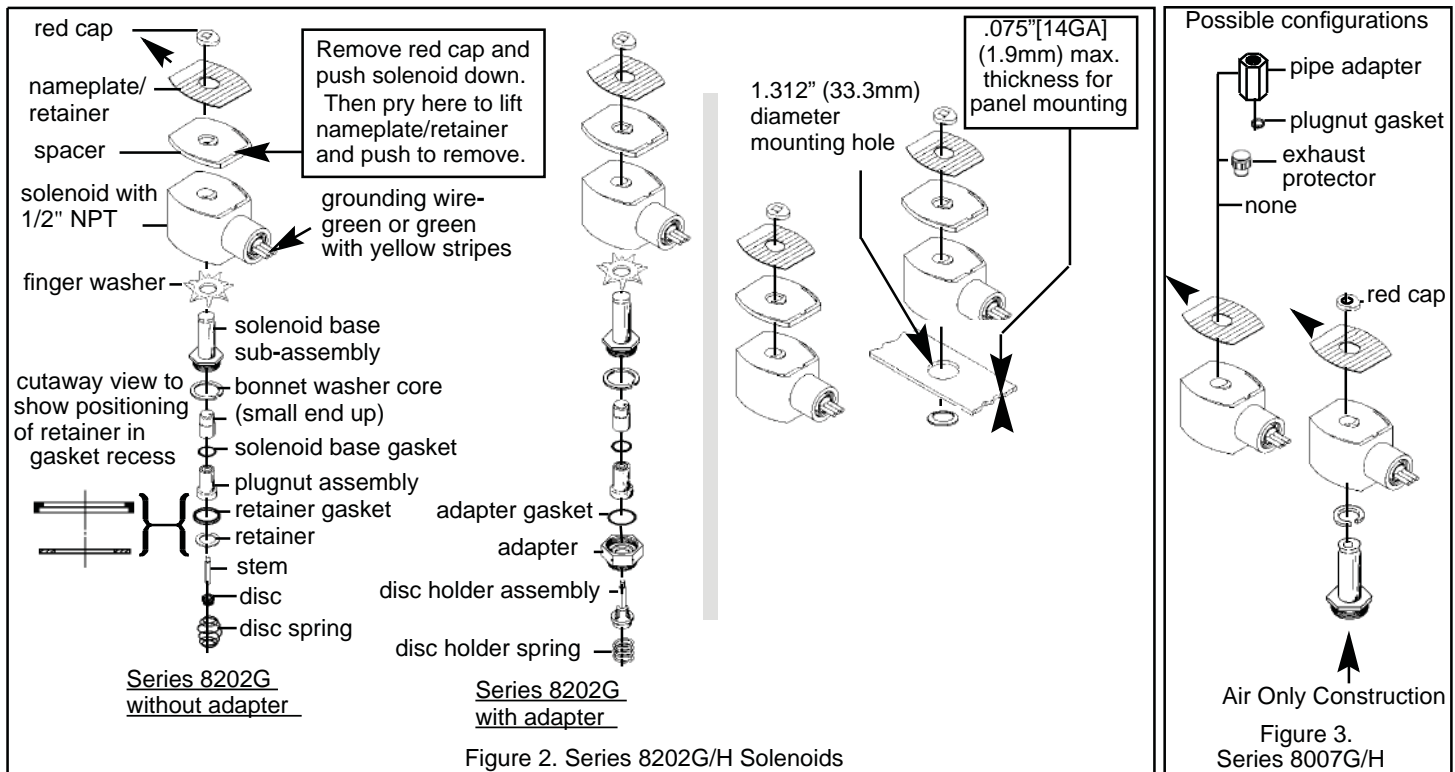


Figure 2. Series 8202G/H Solenoids

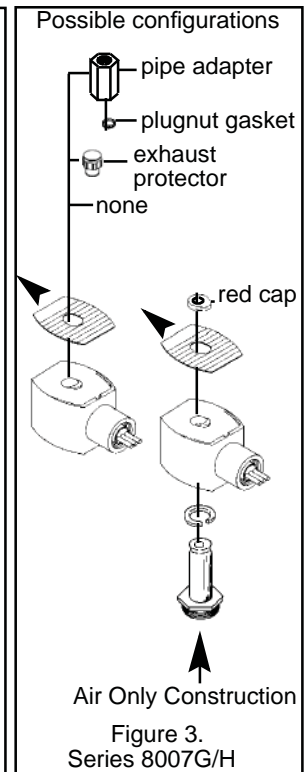
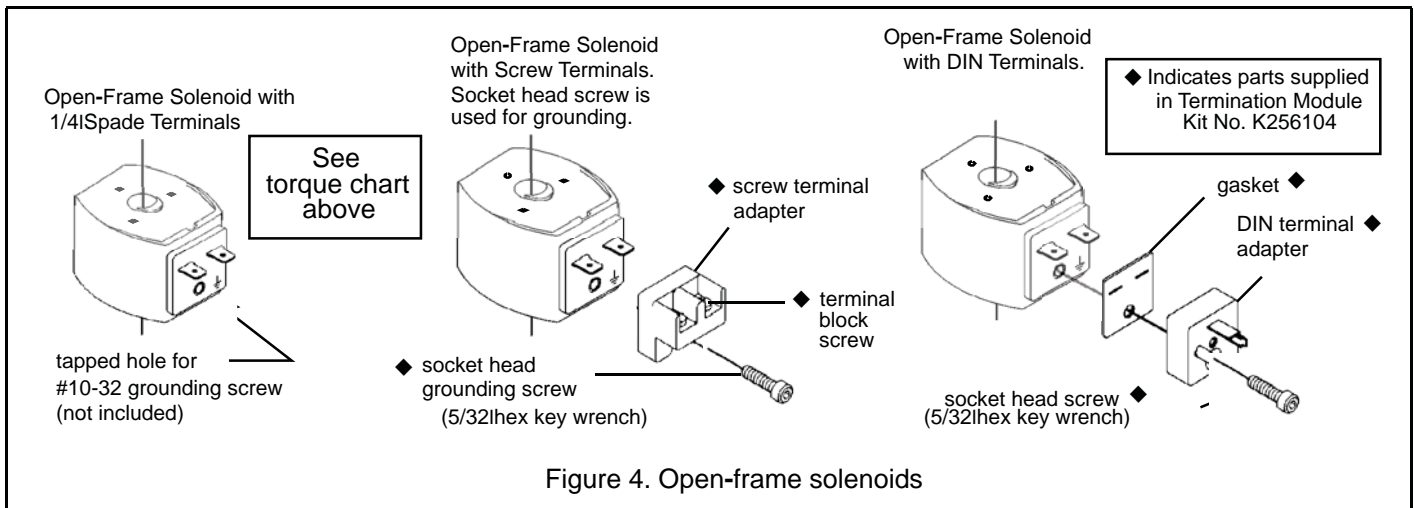


Figure 3. Series 8007G/H

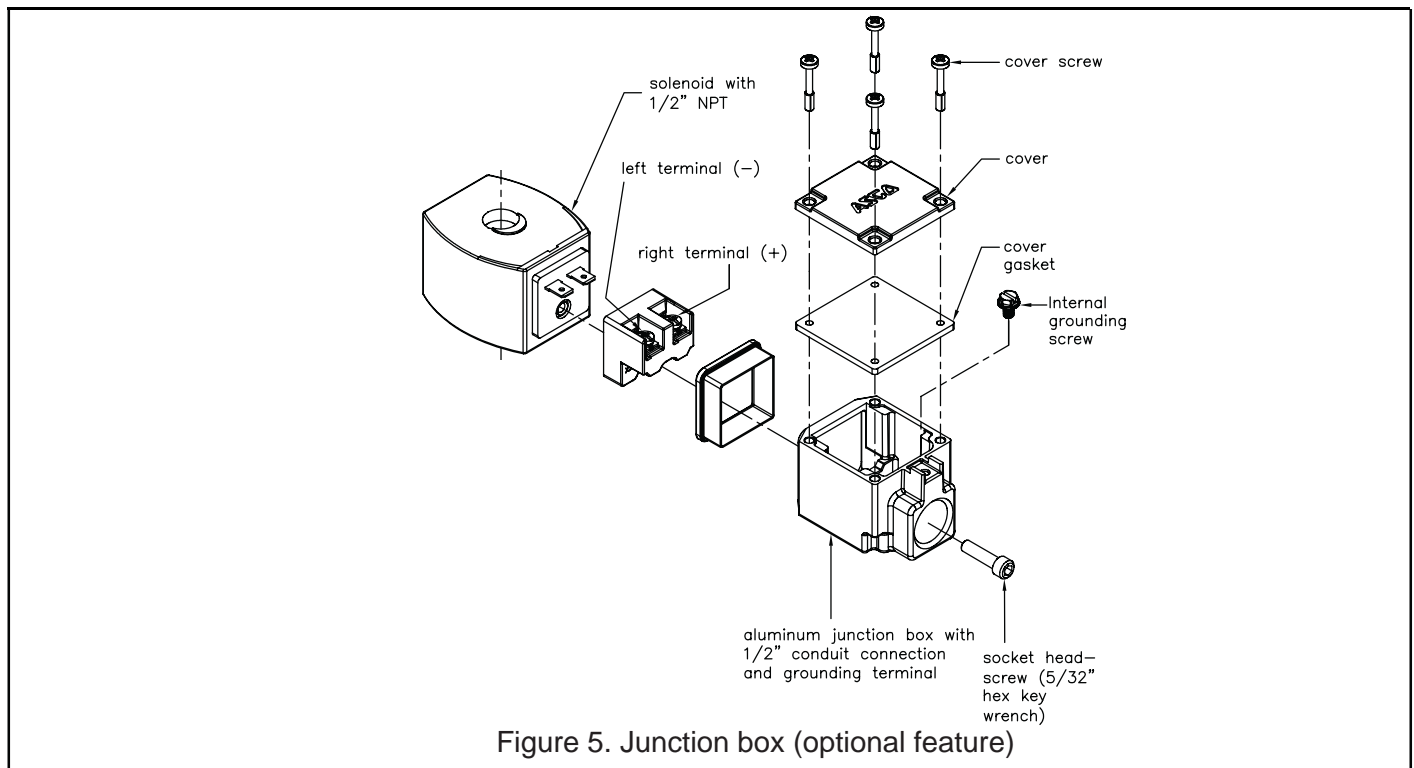
Torque Chart

Part Name	Torque Value in Inch-Pounds	Torque Value in Newton-Meters
terminal block screws	10 ± 2	1,1 ± 0,2
socket head screw	15 - 20	1,7 - 2,3
center screw	5±1	0,6 ± 0,1



Torque Chart

Part Name	Torque Value in Inch-Pounds	Torque Value in Newton-Meters
cover screws	10 - 15	1,1 - 1,7



Open-Frame Solenoid
with DIN Terminal
Plug Connector

See
torque chart
above

Notes:

1. Connector cover may be rotated in 90° increments from position shown for alternate position of cable entry.
2. Refer to markings on DIN connector for proper electrical connections.

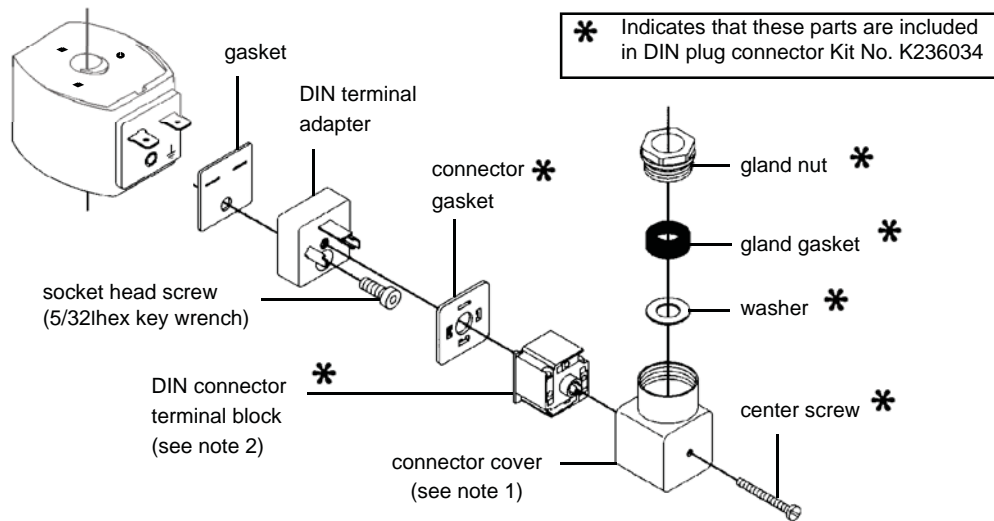
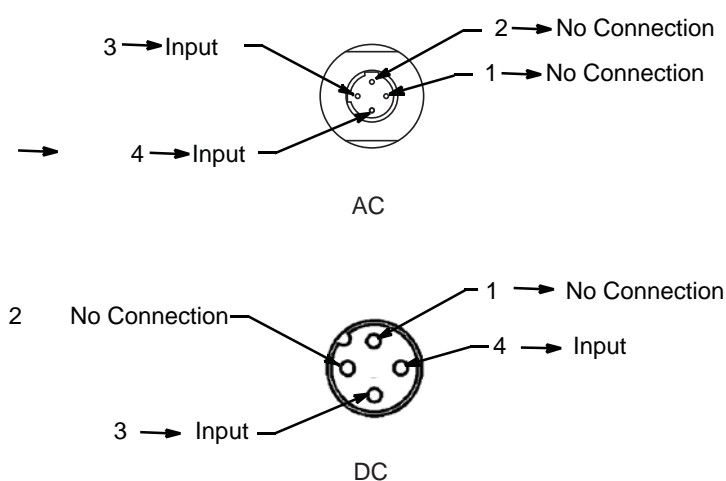


Figure 6. DIN plug connector kit No. K236034 (optional feature)

Solenoid with
Multi-Pin Connector

Input Pins Not Polarity Sensitive



Electrical Connection Size:

AC: Dual keyway 1/2-20UNF Thread
DC: Single keyway M12 x 1

Figure 7.

Micro 4-Pin Anodized Aluminum Electrical Termination
(VT/VB)

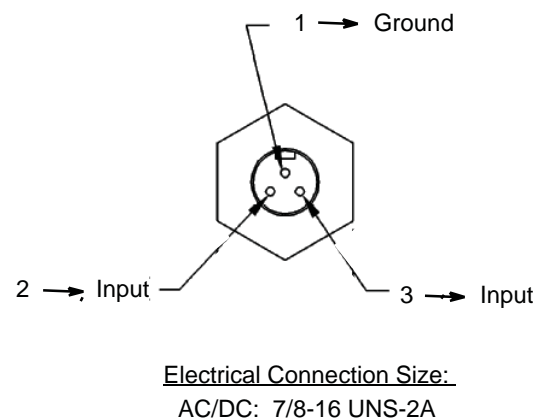


Figure 8.

Mini 3-pin Epoxy Coated Zinc Electrical Termination
(ZT/ZB)