

Dresser™ Measurement.

A-Series Adapter Kit & Installation Guide: For IMCW2 units.



Checked	Designed	Approved	Released
Manuel Cestari	Matthew Chelgren	Madeline Corb	12JUN25

Table of Contents


1. Purpose
2. Pre-Installation requirements
3. Series A (LM-MA) meter installations sizes 1.5M to 102M

1 Purpose

This document is used to aid the customer and/or field technician in the installation of the Integral Micro Corrector to Series-A Meters.

2 Pre-Installation Requirements

2.1 Warning

⚠ WARNING	Read and follow ALL installation instructions shipped with this meter. Failure to properly install this equipment could result in escaping gas, and cause property damage, serious injury or death.
	

2.2 Tools List

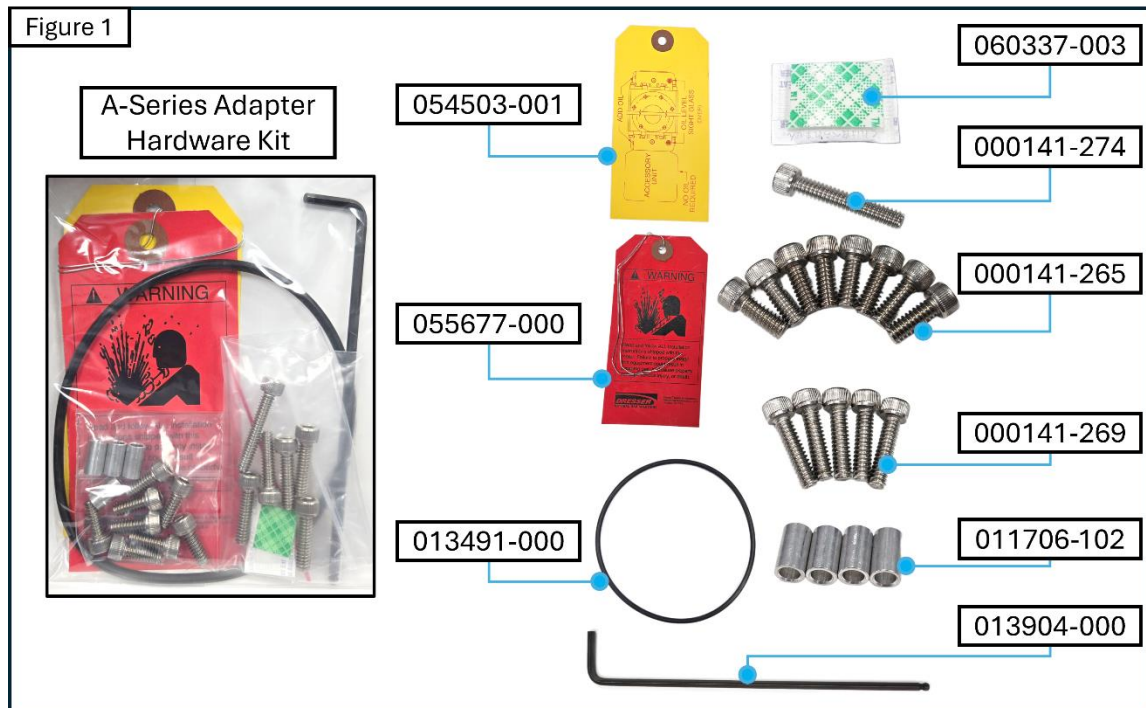
- 5/32" Hex wrench
- 3mm Hex wrench (supplied)
- Torque driver with 5-40 in-lb. capacity for screws.

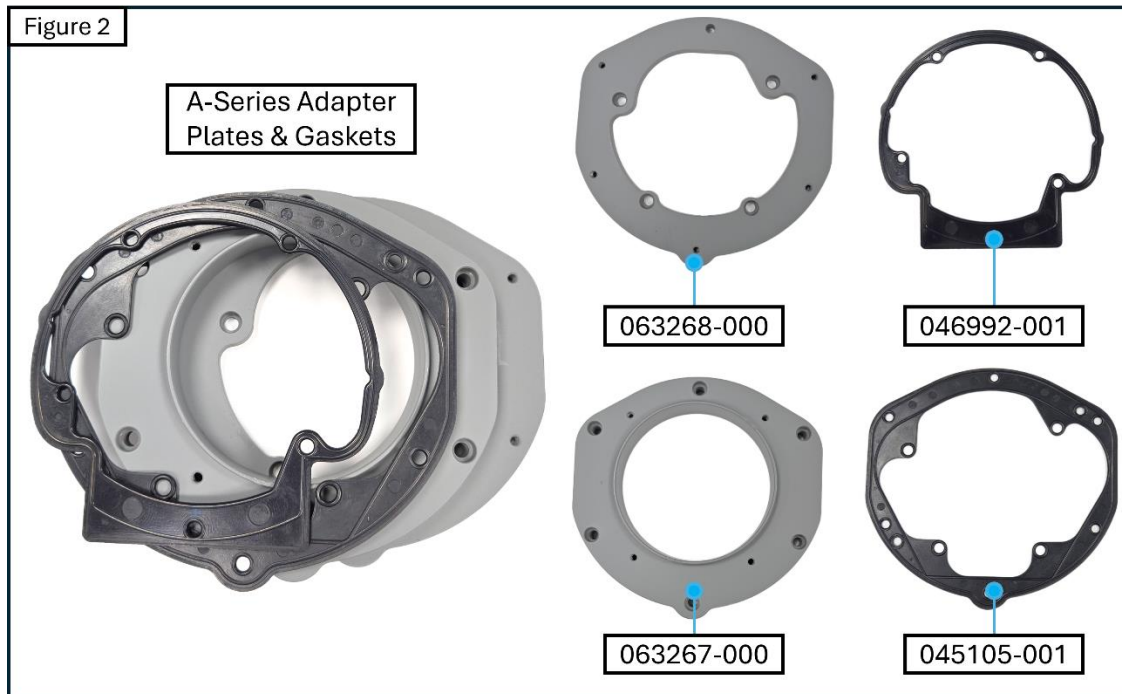
2.3 Parts List

HDWR ASM INFC 1.5-102M IMCW2 LM-MA (PN 049116-020)			
ITEM	Part #	Description	QTY
1	000141-265	1/2" Hex Screw	8
2	000141-269	3/4" Hex Screw	5
3	000141-274	1-1/8" Hex Screw	1
4	011706-102	Spacers	4
5	013904-000	L-Wrench	1
6	054503-001	Oil Fill Tag	1
7	055677-000	Exploding Man Tag	1
8	013491-000	Circular B-Series Gasket	1
9	046992-001	Small Plate Gasket	1
10	045105-001	Large Plate Gasket	1
11	063268-000	Thin A-Series Plate	1
12	063267-000	Thick A-Series Plate	1

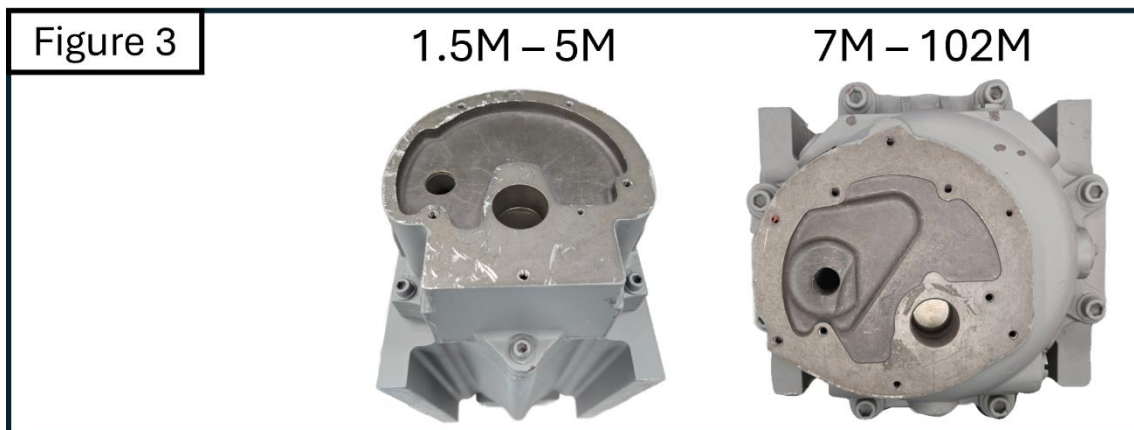
3 Installation

1. Verify A Series installation hardware is present. (Figure 1)

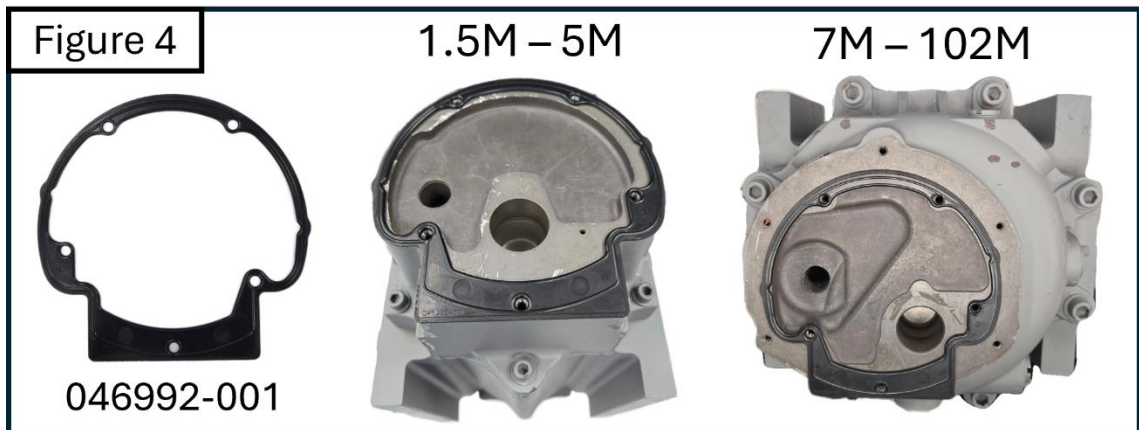


2. Verify A-Series Adapters and Gaskets are present. (Figure 2)

3. If removing the meter for installation, drain oil from the accessory unit and dispose of it properly in a company-approved manner.
4. Remove the accessory unit from the meter and set it aside. It will not be reused.
5. Clean all oil residue from the meter end cover, magnet cup, and temperature well, prepping the surface for installation. (Figure 3)



6. Set Small Plate Gasket (046992-001) onto A-Series headplate (Figure 4)



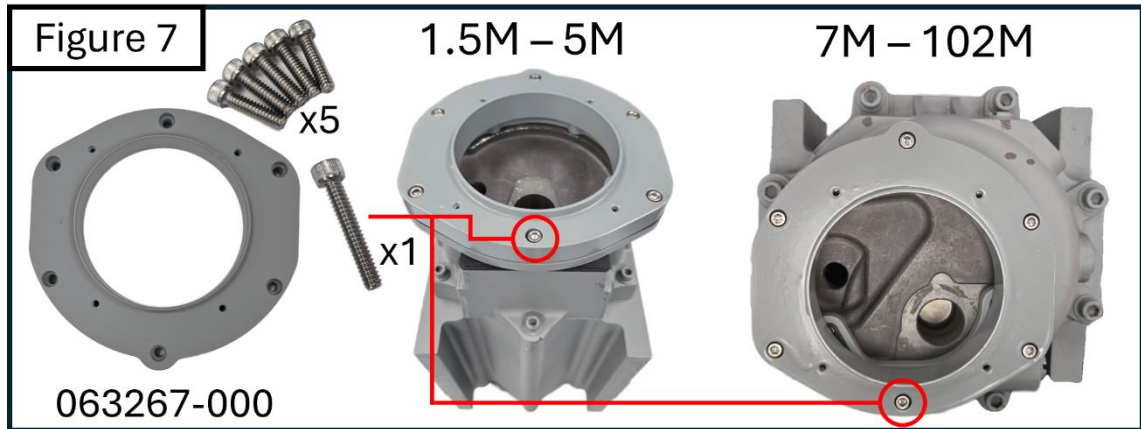
7. Set Thin A Series plate (063268-000) onto a small gasket and install four 000141-265 screws. Torque to 20 in-lb. (Figure 5)



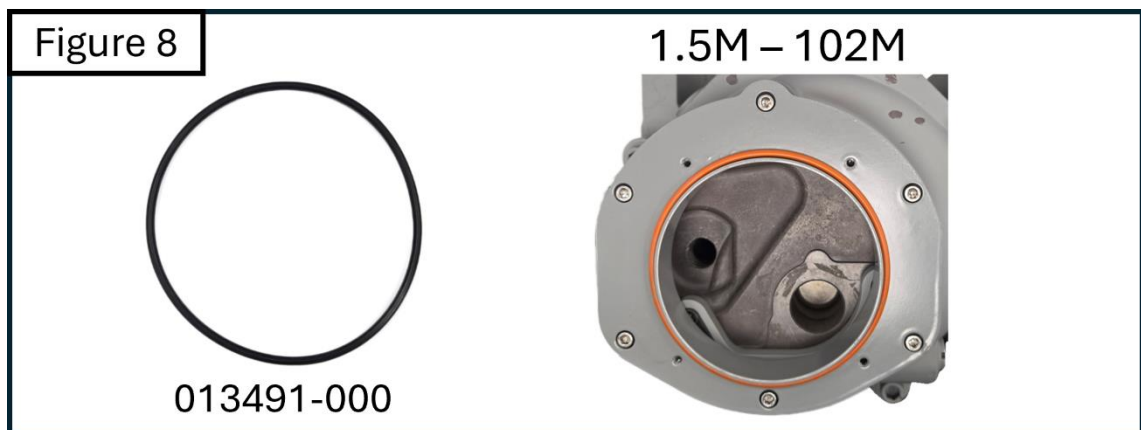
8. Set the Large Plate Gasket (045105-001) onto the thin A-Series Plate. (Figure 6)



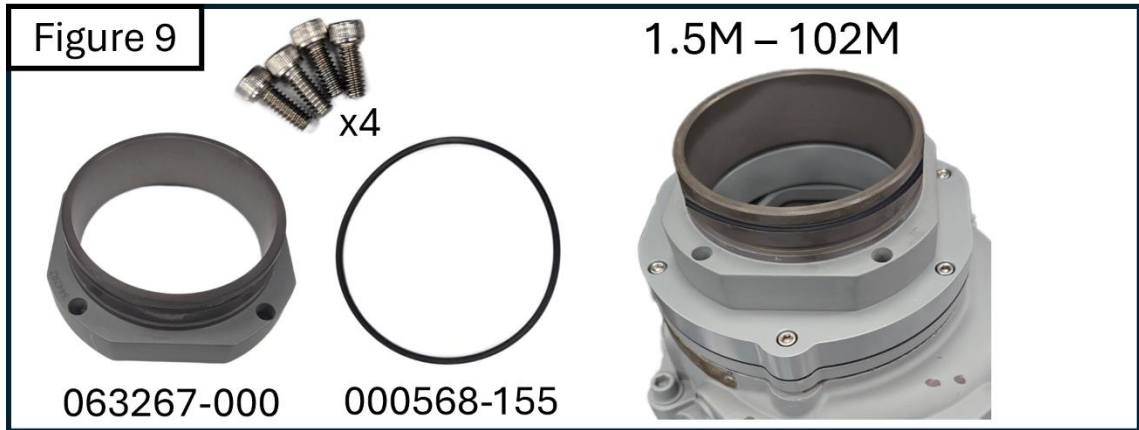
9. Set the thick A-Series plate (063268-000) onto the large gasket and install five ½" screws (000141-269) and one 1-1/8" screw. (000141-274) Torque to 20" lb. Verify the longer screw is in the correct slot. (Figure 7)



10. Set Round Gasket (013491-000) onto the plate. (Figure 8)



11. Remove the Flange from IMCW2 and set it onto the round gasket. Then, install four ½" screws (000141-265) and torque to 20 in-lb. Verify the O-Ring (000568-155) is present and installed on the Flange. (Figure 9)



- 12.** Insert the temp probe and magnet pickup into their respective slots on the Meter. Afterwards, torque the three head screws on the IMCW2 Bell to 10 in-lb. (Figure 10)



- 13.** A-Series Adapter Installation is complete. (Figure 11)



16240 Port Northwest Dr., Suite 100

Houston, Texas 77041 USA

T +1 800 521 1114 | F +1 800 335 5224

www.dresserutility.com