

# KIENE

DIESEL ACCESSORIES, INC.

## EMD CYLINDER PRESSURE MEASUREMENT: INDICATOR VALVE OPTIONS FOR EMD TWO-STROKE ENGINES

Kiene Diesel offers three indicator valve arrangements for EMD 567, 645 and 710 two-stroke engines. These options will allow the connection of various types of pressure measuring instruments to the cylinder. They utilize a standard indicator connection (1 1/16-10 Whitworth) for this purpose.

### KIENE TC-15 Cool Running INDICATOR VALVE



Order as Part Number TC-15

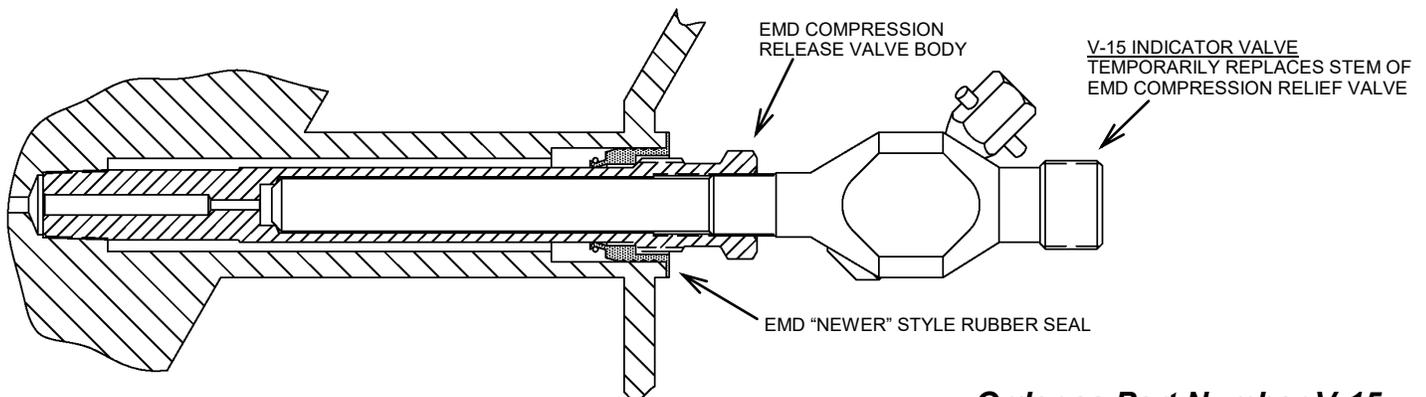
### TC-15 INDICATOR VALVE

The first option is Kiene's new TC-15 cool running indicator valve. It's designed for permanent installation and completely replaces the EMD Compression Relief Valve (CRV). It will function as both a compression relief valve and an indicator valve.

Unlike the Legacy AX-08SA/V-24A, the TC-15 stays relatively cool during engine operation. It meets the Coast Guard's Subchapter M requirement for maximum engine room component temperature.

The TC-15 is the preferred indicator valve for EMD 2-stroke engines.

### KIENE V-15 INDICATOR VALVE



Order as Part Number V-15

### V-15 INDICATOR VALVE

The second option consists of our V-15 Indicator Valve. To install the V-15, the CRV stem is removed and the V-15 installed in its place.

The V-15 is less expensive than the V-24A/AX-08SA option, but it is only intended for temporary installation in the engine. If left in the engine, the lower part of the valve will become deformed by the heat of the engine, resulting in leakage.

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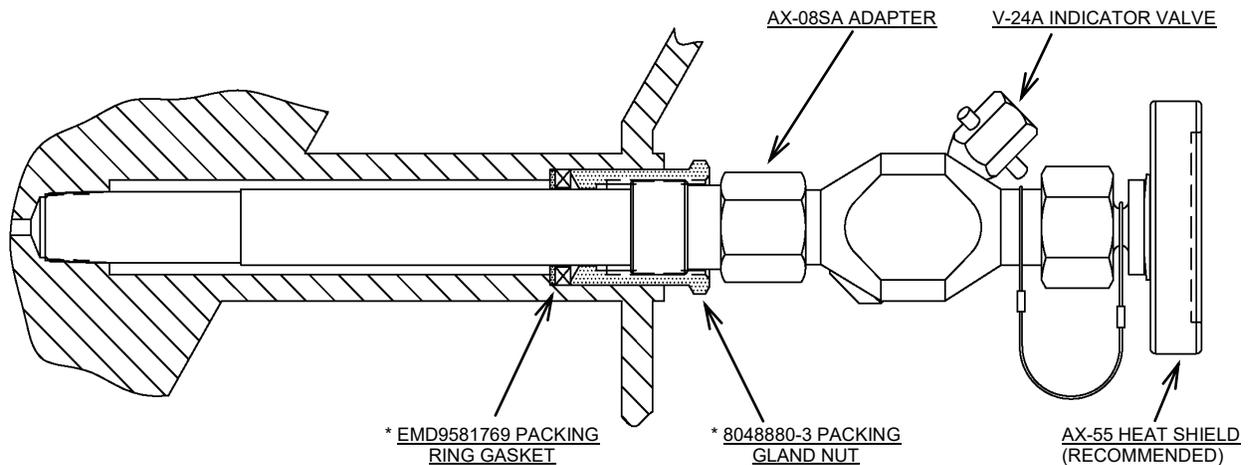
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### KIENE LEGACY AX-08SA/V-24A VALVE ARRANGEMENT



\* Most current EMD two-stroke engines are equipped with a rubber seal that will not tolerate the higher temperatures of the AX-08SA/V-24A arrangement. The Packing Gland Nut and Packing Ring Gasket shown replace the rubber seal. If your engine is already equipped with the gland nut and ring gasket, then these items will not have to be ordered.

### LEGACY AX-08SA/V-24A VALVE

This is a legacy arrangement consisting of our AX-08SA Adapter along with our V-24A Indicator Valve. It completely replaces the EMD Compression Relief Valve (CRV) - both the stem and the body - and may be left in the engine permanently. It may be used for compression relief of the cylinder in addition to its function as an indicator valve. Order the following items for permanent installation of AX-08SA/V-24A:

#### ORDERING INFORMATION:

<u>Part No.</u>	<u>Description</u>
AX-08SA	Adapter
V-24A	Indicator Valve
8048880-3	Packing Gland Nut*
EMD9581769	Packing Ring Gasket*
AX-55	PRO-TEK-TOR-type Cap with Integral Heat Shield