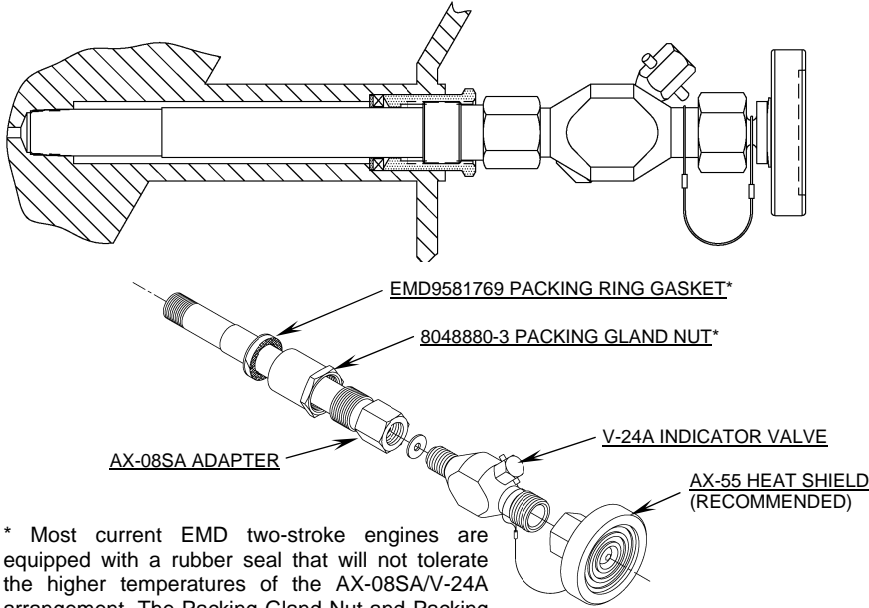


KIENE

DIESEL ACCESSORIES, INC.

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

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



* 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.

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

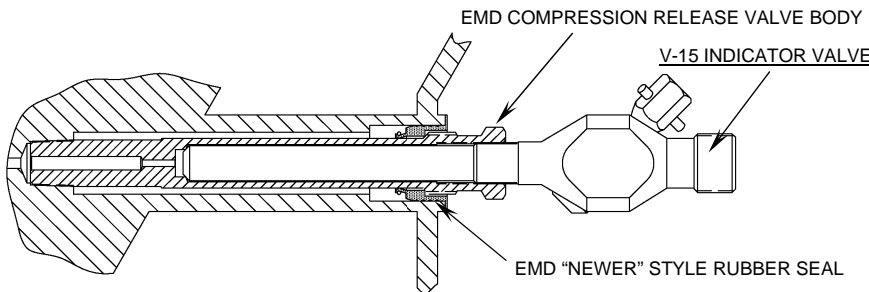
AX-08SA/V-24A VALVE ARRANGEMENT

The first option consists of our AX-08SA Adapter along with our V-24A Indicator Valve. This option is designed for permanent installation in the engine. It completely replaces the EMD Compression Relief Valve (CRV) - both the stem and the body - and may be left in the engine permanently. Once installed, 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

* Please note that EMD uses two types of seals for their CRV's. Older engines use a seal which consists of a steel packing nut along with a pre-formed gasket. The seal on newer engines consists of a formed metal flange with a rubber seal. **This newer rubber seal will not tolerate the higher temperatures of the AX-08SA. These seals must be replaced with the older, packing nut type seals. This is a simple matter and Kiene can supply the necessary parts**



KIENE V-15 INDICATOR VALVE

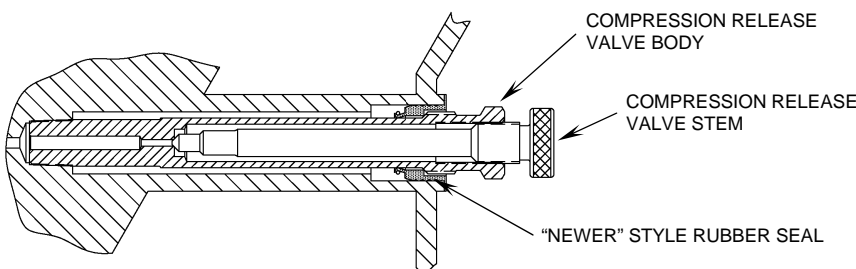
V-15 INDICATOR VALVE

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. Order the following item for temporary installation of V15.

ORDERING INFORMATION:

<u>Part No.</u>	<u>Description</u>
V-15	Indicator Valve



COMPRESSION RELEASE VALVE AS PROVIDED BY EMD

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