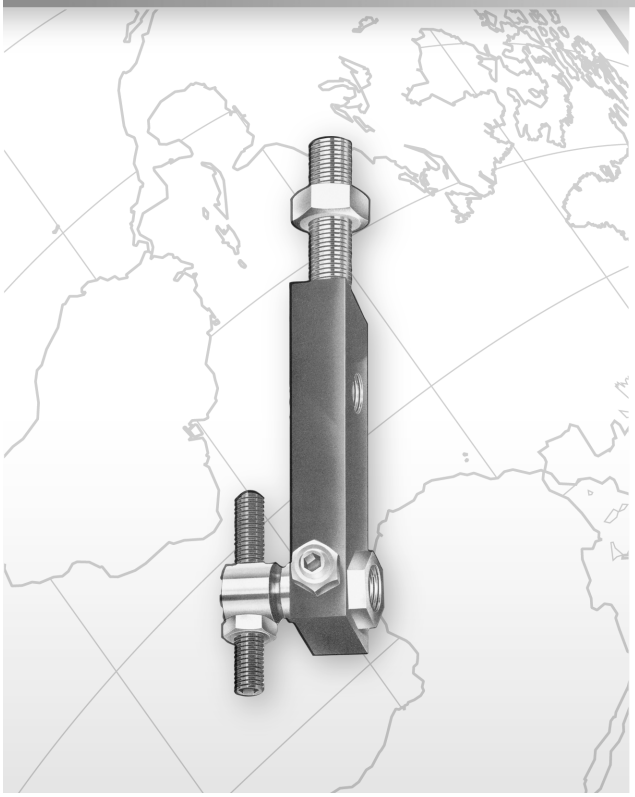
Over-Travel Indicator



The Exline Over-Travel Indicator is a wear indicator. Its purpose is to detect wear to connecting rod bearings and wrist pin bushings.

This device is excellent for protection of articulated rods on 2-cycle engines. Early wear detection can save extensive damage to the master rod.

The Over-Travel Indicator is installed, in most applications, on the bottom of the cylinder liner. In the event of wear of the pin bushings, etc., a slight variation in piston travel occurs. The piston strikes the adjusting screw, breaking the dowel. This creates a pressure drop in the pneumatic or hydraulic control system that can be used to shut down the equipment or sound an alarm.

This device is also ideal for horizontal engine power rod and crosshead "override."

- Total Reliability
- No Maintenance
- No Calibration
- No Deterioration
- Reusable

Standard Sizes in Stock

Length (L)	Assembly* Part No.
2.5"	310605
3.0"	310606
3.5"	310607
4.0"	310608
4.5"	310609
5.0"	310610
5.5"	310611
6.0"	310612
6.5"	310613
7.0"	310614
GMV Series	310651

**Assembly includes Aluminum Break-Off Dowel adjusting stud & nuts. To order Aluminum Break-Off Dowel separately, order Part No. 300108.*

Brass Break Off Dowel, Part No. 300103 available upon request.

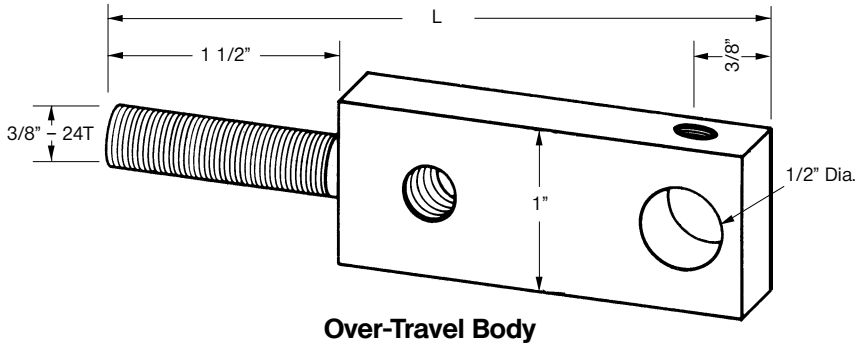
Special sizes and applications available on request. Allow for additional delivery time.

How to Order

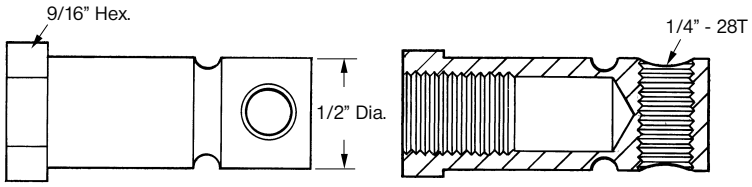
To determine size of device for your engine, measure distance from bottom of cylinder to bottom of piston when it is in its lowest position. Use this distance to the nearest 1/2" and add 2". This gives you Length (L) for ordering correct device. Specify make and type of engine and number cylinders.

Details of Installation

The Over-Travel Indicator is installed on or near the bottom of the cylinder liner. It should be located as close as possible in a position directly below the end of the piston pin (Figure "A"). When installed as shown, simply drill a 21/64" hole approximately 1" deep and tap for SAE 3/8" – 24 thread (Figure "B"). A locknut secures the device to the cylinder liner. A predetermined clearance (Example: .015 - .020) is set between the lowest position of the piston skirt and the adjusting screw. Tubing then connects the device to control media. Heavy wall brass or stainless steel tubing is recommended and can be supplied upon request.



Over-Travel Body



Break-off Dowel

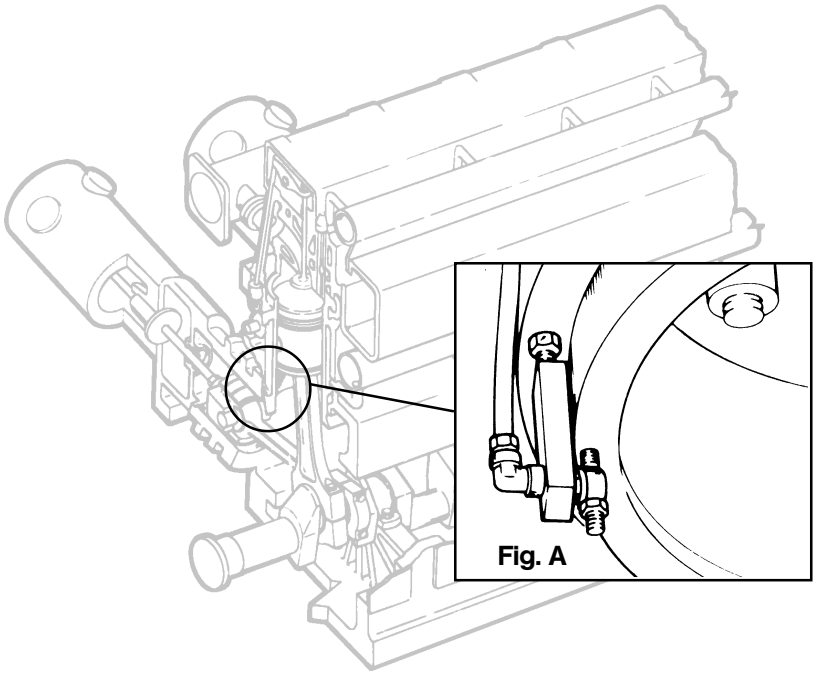


Fig. A

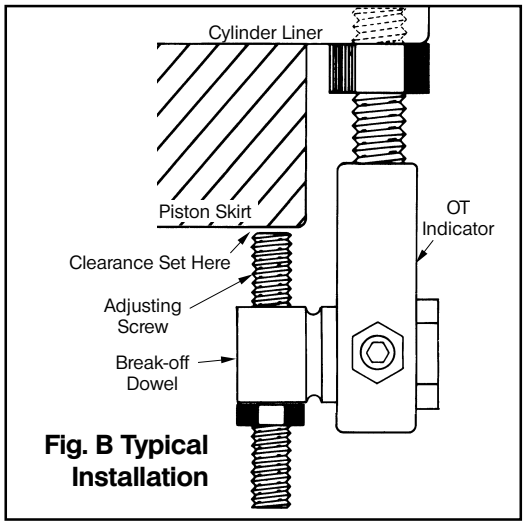


Fig. B Typical Installation