



STEVENS

INSTRUMENT COMPANY

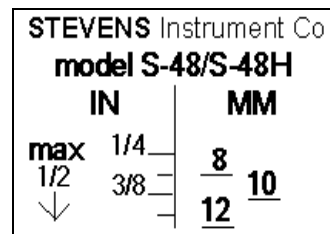
MODEL S-48H 4-wire & S-48 8-wire Spark Checkers Operating Instructions

The S-48 Spark Checker consists of two identical 4-wire spark checkers (S-48H) which are coupled together to check up to 8 cylinders or can be used separately to check up to 4 cylinders.

FOR ENGINES UP TO FOUR CYLINDERS - USING ONE S-48H SECTION

Grounding: There are two methods for grounding the spark checker. The clip can be attached to a clean, unpainted surface on the engine, with the spade lug secured under the wing nut on the spark checker. The preferred method is to fasten the spade lug under a screw on the engine and clip the other end onto the ground plate of the spark checker.

Adjust the sliding cable clamp to the required gap. A detail of the gap markings is shown in the illustration to the right. The upper edge of the sliding cable clamp is adjusted even with the line for each measurement shown for the desired gap setting. The slide will stop at 1/4" (6.4 mm) in the innermost position, and at 1/2" (12.7 mm) in the outermost position. In between, the gaps are marked in 1/16" increments on the left and in 2 mm steps on the right.



Insert spark checker wire ends into wires removed from spark plugs.

FOR ENGINES UP TO EIGHT CYLINDERS - USING BOTH SECTIONS OF THE S-48

Loosen, but do not remove, both wingnuts and slide the two ground plates together, one over the other. Tighten both wingnuts, placing a ground strap under one of them. Gap adjustment and grounding are the same as for a single section, described above.

Slide tension adjustment may be necessary from time to time. The center fastener of the sliding cable clamp can be adjusted until there is good sliding action with a firm grip at the desired position.

User replaceable tips for the wires are available. Part Number 48TA is a set of four replacement tips. Metric thread-in adapters are available for the tips. Part Number 48M is a set of four.