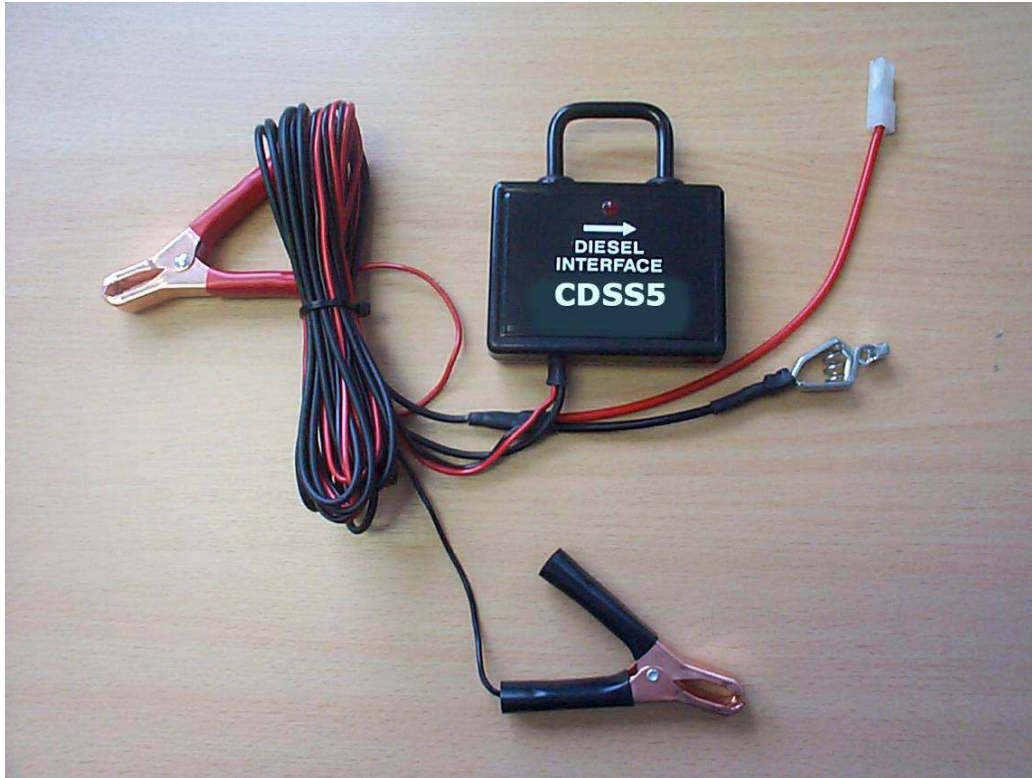




CDSS5

Diesel Interface with Microprocessor

Operators Manual

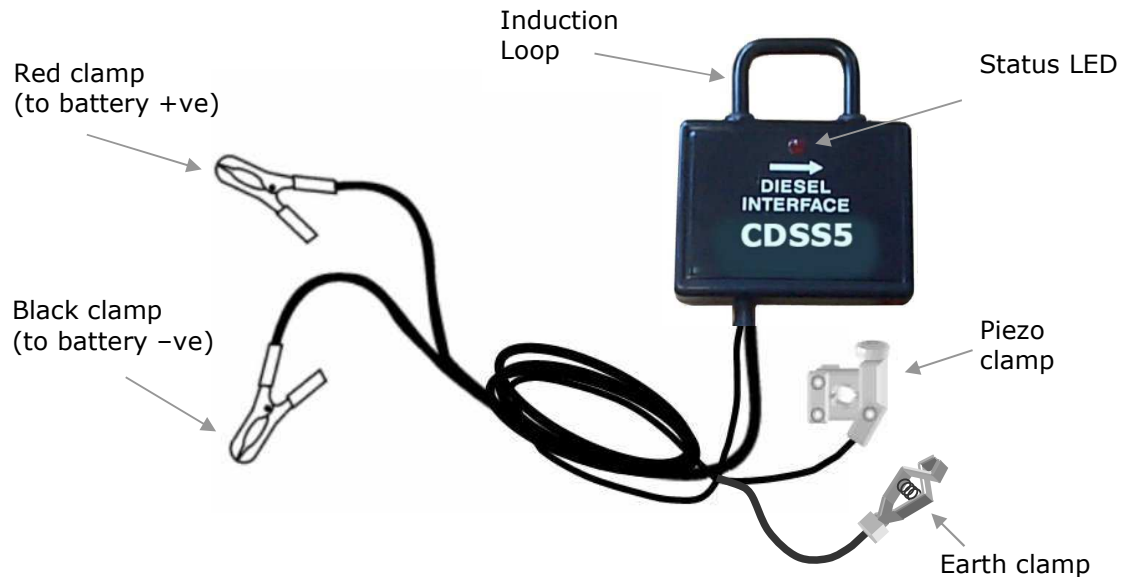
TES1479A
Aug 2005

CDSS5 PIEZO CLAMP TACHOMETER

Piezo RPM adapter for Diesel Engines

This adapter measures the pulses through the injection pipe of the cylinder No1 and converts this information into engine speed signal that is used to drive the inductive clamp HTP3.

Connections



Place the clamp on the injection pipe of the cylinder No1, as close as possible to the pump, and tighten moderately (as soon as the thumbwheel on the clamp cannot turn anymore is sufficient)

CAUTION

The pipe must be straight under the clamp (no curve) and without paint, dust or grease: if necessary, clean with glasspaper or/and solvent.
The clamp must not touch any other part: either the pump, engine mounting or hose.

OPERATION

Power the inductive pick-up by connecting the red clamp to the battery +ve and black clamp to the battery -ve terminals.

Put an induction clamp onto the inductive loop.

Start the engine. The LED flashes briefly with each injection.

Start your tests with a regular engine rate.

This equipment works properly if the RPM meter and the engine rate are stable.

IN CASE OF FAULTY FUNCTIONING

Check the supply: red clamp to battery +ve, black clamp to -ve.
Check cleanliness of the pipe and sensor as well as its tightness, do not overtighten.
If necessary, separate the pipe No1 from the others during the tests.

SPARES

	Replacement Piezo Clamp <table><tr><td>XD1/4</td><td>¼" clamp</td></tr><tr><td>XD45</td><td>4.5mm clamp</td></tr><tr><td>XD56</td><td>5.6mm clamp</td></tr><tr><td>XD6</td><td>6mm clamp</td></tr><tr><td>XD8</td><td>8mm clamp</td></tr></table>	XD1/4	¼" clamp	XD45	4.5mm clamp	XD56	5.6mm clamp	XD6	6mm clamp	XD8	8mm clamp
XD1/4	¼" clamp										
XD45	4.5mm clamp										
XD56	5.6mm clamp										
XD6	6mm clamp										
XD8	8mm clamp										

(Standard supplied part is XD6 - 6mm clamp)

AFTER SALES SERVICE

Apart from the routine maintenance and adjustments stipulated in this manual the equipment must not be tampered with in any way. All further servicing must be carried out only by an engineer from our Authorized Agents. Failure to observe these conditions will invalidate the Guarantee.

On-Site Service/Overhaul/Spare Parts

If you require a Service Engineer to attend ON SITE, either due to an equipment fault, or for machine calibration, or if the equipment covered by this manual requires to be sent back for factory overhaul, or if you need spare parts, please contact our Product Support Helpline at the following number.

Tel: 01278 436225 Fax: 01278 450567

Overseas

Service abroad is provided by the agent from whom your equipment was purchased.

Crypton provide information and contracts covering:

Car Data, Fault Code Information, Diagnostic Information, Technical Topics, Software Support Contracts, Software Updates & Accessories

Helplines

Crypton run an Equipment Helpline during normal office hours.

Tel: 01278 436225 Fax: 01278 436567
email: support@CryptonTechnology.com

A fully comprehensive Product Support Contract is also available which provides additional assistance with equipment and technical support. Please contact Product Support on the above Helpline no. for further details.

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