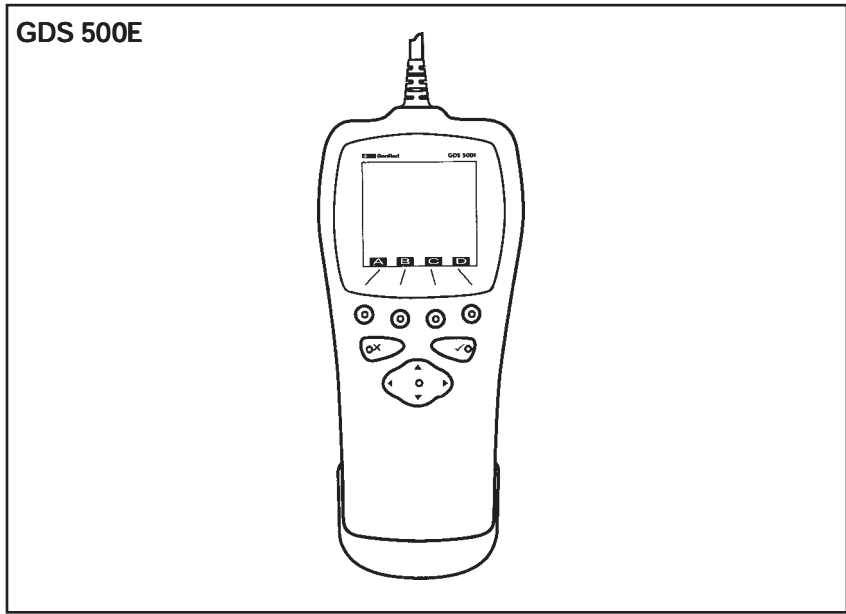


GDS 500E OBDII ScanTool –  
Faster OBDII Diagnosis

MODEL All  
with OBDII  
VIN

**ISSUE:**

Jaguar and GenRad diagnostics have developed a generic OBDII scantool, the GDS 500E, for Jaguar service, which will function on all OBDII equipped Jaguars from 1995 MY. It will also work on most other foreign and domestic vehicles equipped with OBDII. The uniqueness of this tool is that it will allow the user to interrogate the OBDII control modules which cause the MIL light to illuminate. These modules include the engine and transmission management which traditionally represent the majority of check engine lights, and customer concerns. The GDS 500E does not require the MPA as an interface buffer as required by PDU. A special feature called "Jagcom" provides this function and is built into the GDS 500E.



The replaceable PROM cartridge supplied with the GDS 500E will be upgraded by GenRad and made available as the OBD systems evolve to include systems such as ABS etc.

Typically, when the vehicle enters the service drive with the CHECK ENGINE MIL on, the tool would be used as follows:

- 1) The GDS 500E is plugged into the J1962 Diagnostic Link Connector.
- 2) The technician would select from the following menu options:  
Monitor current power train data (similar to datalogger)

Monitor freeze frame data  
Request emission trouble codes (DTC codes)  
Request oxygen sensor results  
On board monitoring test results  
Expanded diagnostic test results (CAN systems fitted to XK8 and 1998 MY-ON Sedan)  
Evaluation support (misfire detection, catalyst, EGR, evap tests)  
MIL status (check engine light operation)

- 3) The most appropriate option would be selected request emission trouble codes (DTC) for example.
- 4) The trouble code would be displayed as a DTC. The drive cycle DTC manual and electrical schematics would then be used to perform the repair. (These have already been provided to all dealers.)
- 5) After the repair the code would be cleared from the "clear diagnostic trouble code" option.
- 6) The technician would do a final road test re-creating the fault parameters to ensure the fault was fixed using the drive cycle information.

This tool is not mandatory, does not replace the PDU, but will provide a quicker diagnosis and repair of the CHECK ENGINE light faults for the experienced technician.

Prior to general release of this tool, it is available to Jaguar franchised dealers. The current cost would be:

\$1235.40 + shipping

There is a one year warranty from GenRad on this tool. All upgrades and new proms will be made available from GenRad direct.

You and your technicians may have already seen this tool as it is demonstrated in service training and our field service engineers are equipped with the GDS 500E when they visit your dealership.

If you would like to order the GDS 500E send a fax as follows:

Attention Jaguar Service Equipment. Fax # (201) 818 9074

I would like to purchase the GDS 500E and have it sent directly to:

*your name,*  
*dealership name,*  
*dealer number.*

A unit will be sent within one week and your parts account will be billed directly.

If you have any questions on the use of the tool, contact the Jaguar Service Equipment Dept. at (201) 818 8304, or the Jaguar Hotline at 1 800 JAG DLRS.

There are currently 175 units available and Jaguar Cars reserves the right to limit initial orders. Once these are sold out, additional GDS 500E units will be made available to you with a minimal lead time from GenRad.