

DL1000L2 Low RPM Hesitation and Surging

Affected Models:	2012 DL1000
Affected Departments:	Management, Service, Warranty, Parts
Reference:	2012 DL1000 Service manual 2012 DL1000 Owner's Manual

The majority of DL1000L2 owners are fully satisfied with the operational characteristics of the DL1000's 996cc V-twin engine. However, the engine can experience surging or hesitation under certain operating conditions. These characteristics are most noticeable when operating the motorcycle at steady throttle settings at low engine speeds, typically 2,500 to 3,500 r/min.

Suzuki has revised the ECM to minimize these characteristics. Combined with replacement iridium spark plugs, operation at low engine speeds is improved to ensure the customer's enjoyment of their V-Strom.

For DL1000L2s experiencing engine surging and hesitation, replace the early ECM with the late ECM and replace the spark plugs with iridium spark plugs.

Coverage Period

Suzuki will cover the ECM and spark plug replacement under warranty, limited to 5 years from the original customer purchase date or 18,641 miles (whichever occurs first).

Parts Ordering

Order the late ECM and spark plugs using your regular parts ordering methods. Note that the early ECM part number will now interchange to the late ECM part number when ordering.

Late ECM	32920-06G72
CR8EIA-9 Spark Plug	09482-00556 (Qty 2)

Procedure

- Replace the early ECM with the late ECM. Refer to the DL1000 Service Manual, page 4-15.
- Replace the spark plugs with iridium CR8EIA-9 spark plugs. Refer to the Service Manual, page 2-6.
- Inspect and adjust idle speed to the specified range after installing the new parts. Refer to the Service Manual, page 2-15.
- Correct the Owner's Manual that comes with the unit to indicate the newly specified iridium spark plugs. Refer to the Owner's Manual Specifications and page 7-15.

NOTICE

- **Be sure to turn OFF the ignition switch when disconnecting and connecting the ECM couplers to prevent electronic parts damage.**
- **Be careful not to damage the radiator fins when moving the radiator or removing the front spark plug.**

NOTES:

- *Use the spark plug wrench supplied in the DL1000L2 tool kit. Standard sockets and extensions may not have adequate clearance between the cylinder head and the radiator.*
- *When moving the radiator to access the front spark plug, use a wood or plastic spacer to hold the radiator forward.*
- *The iridium spark plug is now the standard specification for the DL1000L2. Be sure to update any quick reference materials you use when looking up service parts for Suzuki models.*

Warranty Information

Submit a regular warranty claim for the replacement of the ECM using the following information:

Failed Part	32920-06G71
Replaced Part	32920-06G72
Complaint Code	05
Defect Code	A9
Labor Operations	FB9999
Labor Time	0.6 hrs
TSM Authorization No.	Required if unit is outside regular warranty period

Early ECMs which have been replaced will not need to be returned to Suzuki Motor USA, LLC. Attach a Warranty Parts Tag to replaced parts and hold for TSPM inspection as usual.