

THANK YOU FOR YOUR JSD PRODUCTS PURCHASE!

Instructions for JSD-1 and 1A, JSD-2 and 2A, JSD-3 and 3A

Background

Suzuki manufactures motorcycles with a different ignition map for each gear. In gears 1-4, the ignition timing is retarded. The JSD sends a fixed signal to the Electronic Control Unit (ECU) which eliminates the retardation and enables a more responsive throttle and faster acceleration in the lower gears.

Product	Description	Functionality	Recommended Suzuki Models
JSD-1	Unswitched, 6.8k ohm resistor	Sends a fixed signal for 5 th gear to the ECU for all gears.	Fuel-injected GSXR-1000 ¹ , Hayabusa
JSD-1A	Unswitched, 15k ohm resistor	Sends a fixed signal for 6 th gear to the ECU for all gears.	Fuel-injected GSXR-600/750, TL1000R
JSD-2	Switched, 6.8 ohm resistor	Sends a fixed signal for 5 th gear to the ECU for all gears.	Fuel-injected GSXR-1000 ² , Hayabusa
JSD-2A	Switched, 15k ohm resistor	Sends a fixed signal for 6 th gear to the ECU for all gears.	Fuel-injected GSXR-600/750, TL1000R
JSD-3	Automatic, 6.8 ohm resistor	Sends a fixed signal for 5 th gear to the ECU for all gears except neutral (preserves neutral).	Fuel-injected GSXR-1000 ³ , Hayabusa
JSD-3A	Automatic, 15k ohm resistor	Sends a fixed signal for 6 th gear to the ECU for all gears except neutral (preserves neutral).	Fuel-injected GSXR-600/750, TL1000R

¹On the 2005 and later GSXR-1000, the Gear Position Indicator on the dash will display nothing (blank) for gears 1-6 and neutral when the JSD-1 is installed.

²On the 2005 and later GSXR-1000, the Gear Position Indicator on the dash will display nothing (blank) for gears 1-6 and neutral when the JSD-2 is installed and toggled "on."

³On the 2005 and later GSXR-1000, the Gear Position Indicator on the dash will display nothing (blank) for gears 1-6 when the JSD-3 is installed. When in neutral, "0" is displayed whether the JSD-3 is installed or not.

Installation Steps

1. Using a 4mm Allen wrench, remove the two fuel tank bolts.
2. Using a 4mm (5mm for Busa) Allen wrench, remove the two seat bolts and the seat.
3. Lift the fuel tank and support it using the tank prop tool.
4. Locate the Gear Position Sensor (GPS) connectors (white, three-pin, triangular connectors with black, blue and pink wires). On most models, they are located on the left side near the frame rail. On the 1998 GSXR-750, they are located in the storage compartment, right side. On the TL1000R, they are located in the storage compartment, left side.
5. Pull apart the GPS connectors.
6. Connect the JSD male connector to the GPS female connector. Connect the JSD female connector to the GPS male connector. ALWAYS PULL THE JSD BY ITS CONNECTORS, NEVER ITS WIRES!



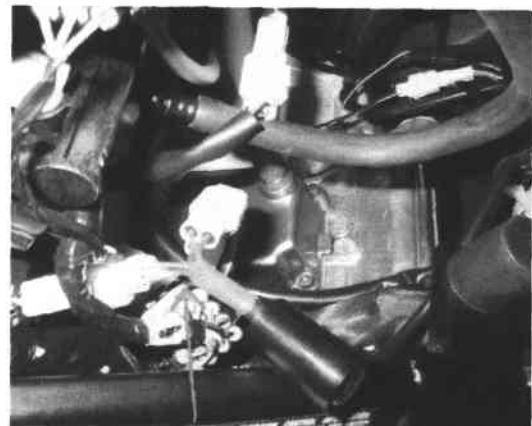
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JSD-3

Ignition Timing Advancer

For Off-Road Use Only



Step 6

Modifying your bike? Error light on? Use the JDMS (Dealer Mode Switch) and view the code on your dash!
You can diagnose the malfunction part with the JDMS! Visit www.jsdproducts.com!

Disclaimer: JSD Products performance products are intended for closed course and off-road use only.
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