FEULING® THROTTLE POSITION SENSOR INSTALLATION INSTRUCTIONS

#9953

#9954

IMPORTANT NOTICE

THIS INSTALLATION SHOULD BE DONE BY AN EXPERIENCED MECHANIC WHO HAS ACCESS TO A FACTORY SERVICE MANUAL AND ALL REQUIRED TOOLS

CAUTION

INCORRECT INSTALLATION CAN CAUSE ENGINE DAMAGE NOT COVERED UNDER WARRANTY. FAILURE TO INSTALL COMPONENTS CORRECTLY CAN CAUSE ENGINE SEIZURE. ENGINE SEIZURE MAY RESULT IN SERIOUS INJURY TO MOTORCYCLE, OPERATOR, PASSENGER, AND/OR OTHERS.

CAUTION

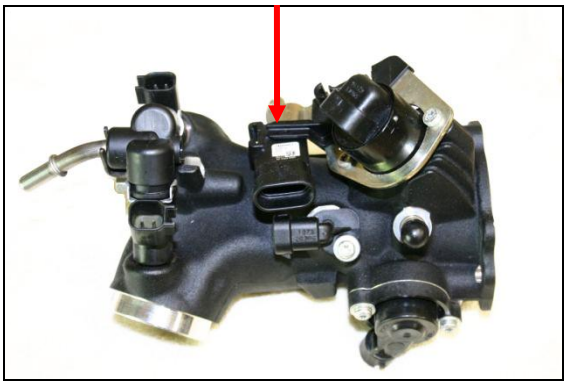
IMPROPERLY TORQUED BOLTS MAY RESULT IN OIL LEAKS AND DISTORTION OF COMPONENTS. IF REPLACING THE ENGINES HEAD BOLTS OR STUDS ALWAYS USE NEW HEAD & BASE GASKETS

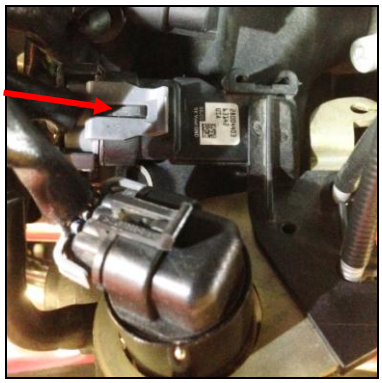
CAUTION

WHEN SERVICING THE FUEL SYSTEM, DO NOT SMOKE OR ALLOW OPEN FLAME OR SPARKS IN THE VICINITY. GASOLINE IS EXTREMELY FLAMMABLE AND HIGHLY EXPLOSIVE, WHICH COULD RESULT IN DEATH OR SERIOUS INJURY.

NOTICE

THE ECM MUST HAVE THE CORRECT CALIBRATION, FAILURE TO HAVE THE PROPER CALIBRATION IN THE ECM CAN RESULT IN SEVERE ENGINE DAMAGE.





The manifold absolute pressure sensor (MAP) provides instantaneous manifold pressure information to the engine's electronic control unit (ECU). The data is used to calculate air density and determine the engine's air mass flow rate, which in turn determines the required fuel metering for optimum combustion and influence the advance or retard of ignition timing. A faulty MAP sensor will usually display symptoms of a rough running engine during acceleration, deceleration or at idle.

INSTALLATION

1. Refer to your owner's manual to locate and remove the main fuse.
2. Refer to the service manual for your motorcycle for removal/installation of the manifold absolute pressure sensor (MAP).
3. Refer to the owner's manual to install the main fuse.
4. Recalibrate the ECM if needed prior to starting the vehicle.
5. Reconnect the ACR overlay Harnesses if required.