

Insider Info

2006–2007 Impreza Indicator Light Functions

When the ignition key is placed into the ignition switch on 2006–2007 Impreza models, the illuminated ring around the ignition switch will flash a green-colored light. This is a normal function and does not indicate a problem.

Also, upon starting the vehicle, the “Security” light (on models equipped with security systems) will flash six (6) times, and then go out. This is also a normal function. No repairs should be attempted when encountering these conditions. Please advise your customers that these functions are normal.

Subaru Engine Valve Adjustment Information

Despite the fact that valve adjustment is no longer a regularly scheduled maintenance operation, the procedure should not be overlooked during engine driveability diagnosis. Cylinder misfires and poor engine operation could be the result of valve lash that is out of adjustment, resulting in loss of cylinder pressure and possible uneven engine operation.

For many years, the adjustment specifications for the intake and exhaust valve clearances remained the same. But, due to the addition of turbocharged engines and Variable Valve Timing and Lift Systems, the clearance specifications have changed on some engines. Be sure to check the proper service

manual or visit the Subaru Technical Information System website at <http://techinfo.subaru.com> for the correct specifications for the model you are servicing.

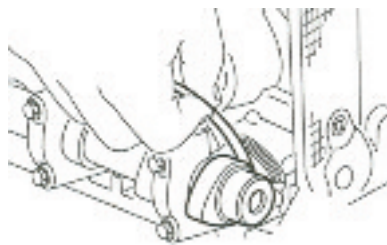
The following valve adjustment procedure information for engines produced since 2000 will help you perform the proper valve lash adjustment procedures. Make sure there is slight resistance felt on your feeler gauge when checking and measuring the adjustment specifications.

2.2L and 2.5L Phase 2 SOHC 4-Cylinder Engines

These engines use the locking rocker arm nut design. The nut is loosened, a medium flat-blade screwdriver is placed in the adjustment slot and, with the feeler gauge placed between the rocker arm and the top of the valve, clearance is checked and adjusted as necessary.

2.0L WRX Engines

The 2002 version used a shim and bucket design. The 2003 – 2005 engines used a select fit lifter design (shim less bucket).



➤ When performing valve lash measurement and adjustment, there should be slight resistance on the feeler gauge.

2.5L DOHC Turbocharged Engines

These engines, used in Legacy, Forester, Impreza WRX and STI models, all use a select fit lifter design.

3.0L 6-Cylinder Engines

The 2001–2004 Legacy engines used a shim and bucket design. The 2005 and later Legacy, plus 2006–2007 Tribeca, use a select fit lifter on the exhaust valves and a select fit lash cap that is placed on top of the intake valves.

3.6L 6-Cylinder Engines

These engines, used on Tribeca, use select fit lifters.

2009 Forester Accessories Installation Tips

An in-depth illustrated guide to installing accessories on the 2009 Forester is available on the Subaru Technical Information System website. It shows detailed photos of how to properly install Genuine Subaru accessories, which are available from your local Subaru N.E.W. Horizons Dealer.

Accessories covered include: cargo nets, trailer hitch, fender flares, remote engine starter, puddle lamps, spoiler, front under guard, rear under guard, satellite radio (XM and Sirius), sport grille, front spoiler and iPod interface.

Log onto the STIS website at <http://techinfo.subaru.com>, click on the “What’s New” tab, then open the May, 2008 TechTIPS Newsletter for the handy installation guide. <