



INSTALLATION MANUAL

LS Billet Timing Cover

PFECTCLS

Included Items	QTY
PFECTCLS 2-Piece Timing Cover	1
Cam Sensor Plug	1
M8 Socket Head Cap Screws Stainless Steel	8
O-ring Cord 1.8mm Diameter	1

WARNING: PLEASE READ ALL INSTRUCTIONS BEFORE PROCEEDING. PROFLOW WILL NOT BE RESPONSIBLE FOR ANY DAMAGE AS A RESULT OF THE INCORRECT INSTALLATION OF THIS PRODUCT. IT IS RECOMMENDED THAT A QUALIFIED AUTOMOTIVE TECHNICIAN PERFORMS THIS INSTALLATION.

TYPICAL INSTALLATION

1. Remove the old timing cover from the vehicle and ensure all gasket surfaces are cleaned.
2. Before final assembly, it is recommended to check clearance from the oil pump/timing chain assembly (will fit single and most double roller timing chains).
3. Install the o-ring into the groove of the bottom half of the timing cover. Some o-ring cord may be left over and will need to be trimmed accordingly. You may also apply a gasket sealer as extra precaution.
4. Assemble the 2-piece cover together with a new timing cover gasket and fasten (but not tighten) the supplied M8 screws.
5. Before torquing the timing cover down, it is recommended to use one of our timing cover alignment tools to aid in correct crankshaft alignment (PFEGK-LSTC1 or PFEGK-LSTC2).
6. Torque each stainless steel screw down to a total of 20 Nm in two steps (10 Nm and then 20 Nm). Also fasten the oil pan bolts.
7. Install a timing cover seal if not already installed on the cover.