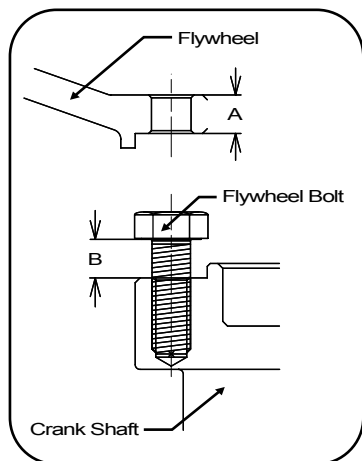


IMPORTANT

FLYWHEEL INSTALATION INSTRUCTIONS

Do not reuse flywheel to crank bolts- Regardless of the bolts to be used they must be checked for proper length (See illustration below). Whether purchasing new OEM, ARP or their equivalent modifying may be necessary. Make sure that the flywheel bolts thread properly into the crankshaft smooth with no binding. If binding is felt, it may be necessary to "chase" the threads with a proper thread chaser.



IMPORTANT-CHECK BOLT LENGTH

Tighten the flywheel bolt into the crankshaft.

Note measurement "B".

Measure "A" include torque plate if supplied.

Subtract A-B=clearance.

There must be a minimum of .080" to .100" of clearance in threaded hole.

Because of the complexity of some applications Clutch Masters recommends professional installation.

If you are capable follow your factory service manual for removal and installation.

If you are using other than OEM fasteners tighten flywheel to crank and pressure plate to flywheel bolts per that manufactures recommendations.

It is important not to allow any threadlocker to seep between the flywheel and the crankshaft flange. The following procedure is the correct method:

1. Using torque plate (if supplied) insert and tighten all fasteners evenly in a cross hatch pattern to 20 ft/ft.
2. Removing one fastener at a time apply Loctite® threadlocker or equivalent to the flywheel bolt threads re-install and tighten to 20ft/lb. Continue with the remaining fasteners.
3. Continue to torque all flywheel-to crankshaft bolts to manufacturer's specifications.

IMPORTANT: If fasteners are supplied or a non yield to torque fastener is used see the bolt torque chart for specifications. Improper tightening could cause the fasteners to fail. Do not use an impact driver to tighten flywheel-to-crankshaft bolts.

FLYWHEEL FASTENER TORQUE GUIDE

Flywheel to Crank			Pressure Plate to Flywheel		
Bolt Dia	FT/lbs	nm	Bolt Dia	FT/lbs	nm
*10X1.0	55	75	8x1.0	20	27
10X1.25	65	88	8x1.25	20	27
12X1.0	87	118	7x1.0	15	20
12X1.25	96	130	5/16-24	20	27
12X1.5	80	108	5/16-18	20	27

*when using the 10x1 10.9 ARP bolts must be torqued to 85 ft/lbs

If fastener is not listed use OEM torque specifications

