

#CPLS-K Installation Instructions for LS1 V8 Engine Mount Adapter

Parts List:

2 ea	Engine Mount Adapter
2 ea	Engine Mount
2 ea	10mm Flat Head Bolt
4 ea	10mm Socket Head Bolt
4 ea	3/8" Hex Head Bolt
4 ea	3/8" Nut
8 ea	Lock Washer
8 ea	Flat Washer

Notes:

The brackets can be installed in 2 different directions, one direction will move the engine forward and the other will move the engine backward.

This kit is intended to adapt the LS1 Engine to the standard Chevrolet V8 mount style.

Instructions:

1. Install 2 of the 3/8" hex head bolts into the adapter bracket. The bolt head will be on the side of the bracket that does NOT have the counter sink. Do not use a washer between the head of the bolt and the adapter or the bolt head might interfere with the engine block!
2. Install the 10mm flat head bolt into the bracket, and loosely attach the bracket to the engine.
3. Loosely install one of the 10mm bolts into the lower bolt hole in the bracket and engine. This bolt is only needed to temporarily keep the bracket aligned with the engine.
4. Install the 10mm bolt, lock washer, and flat washer, into the bracket. Tighten both the upper metric bolts in the engine.

5. Remove the lower 10mm bolt.
6. Install the engine mount over the 2 3/8" bolts already in the bracket and using the 10mm bolt, lock washer, and flat washer tighten the engine mount to the bracket and engine.
7. Use 2 flat washers, 2 lock washers and 2 of the 3/8" nuts and tighten the 2 upper bolts.
8. Repeat for the other side.

GENERAL TORQUE SPECIFICATIONS:

1/4"	grade 5	10lb/ft	1/4"	grade 8	14lb/ft
5/16"	grade 5	19lb/ft	5/16"	grade 8	29lb/ft
3/8"	grade 5	33lb/ft	3/8"	grade 8	47lb/ft
7/16"	grade 5	54lb/ft	7/16"	grade 8	78lb/ft
1/2"	grade 5	78lb/ft	1/2"	grade 8	119lb/ft
9/16"	grade 5	114lb/ft	9/16"	grade 8	169lb/ft
5/8"	grade 5	154lb/ft	5/8"	grade 8	230lb/ft

