



BOSCH 140A & 180A ALTERNATOR KIT FOR TOYOTA 1JZ & 2JZ
ENGINES INSTALLATION GUIDE

Contents :



1. Bosch alternator
2. Upper mount bracket
3. M10 Allen bolt
4. 2 x spring washer
5. 3 x washer
6. M8 Allen bolt
7. M10 Allen bolt
8. M10 bolt
9. M10 nut
10. Alternator connector
11. Low mount spacer
12. Bigger low mount bracket (rear oil pan)
13. 2 x bigger low mount bracket bolts
14. Toyota / Lexus harness connector

Note : Items 12 & 13 are options for rear oil pan

Toyota OEM harness pinout :



L - Alt. Charge Warning Light
IG - Ignition Switch
S - Battery Voltage Sense

Toyota OEM harness pinout :



L - Alt. Charge Warning Light
DFM - Battery Voltage Sense

Installation :

1. Take off the OEM alternator and remove the pin from the engine block.

2. Install the upper mount bracket (2) to the top mount of the alternator with bolt (6) and (7). Bolt (6) replaces the water pump bolt (photo 1).

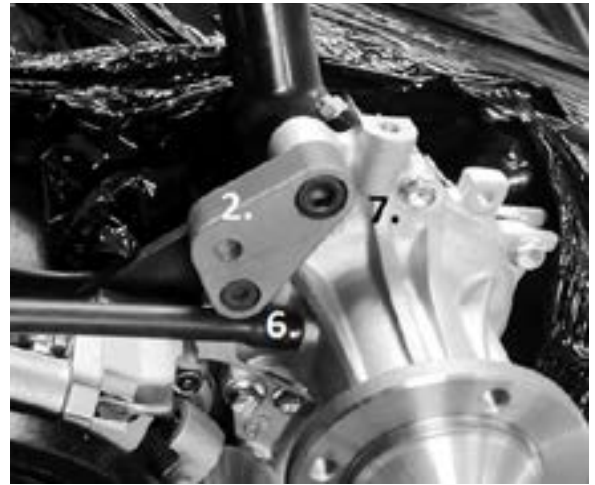


Photo 1

3. Only for rear sump oil pan : install larger low mount bracket (12) onto the oil pan with 2 bolts (13), do not tighten yet (photo 2).



Photo 2

4. Put spring washer (4) and washer (5) on M10 bolt (8).

5. Install the alternator (1) to the lower bracket with bolt (8). Do not tighten yet (photo 3).

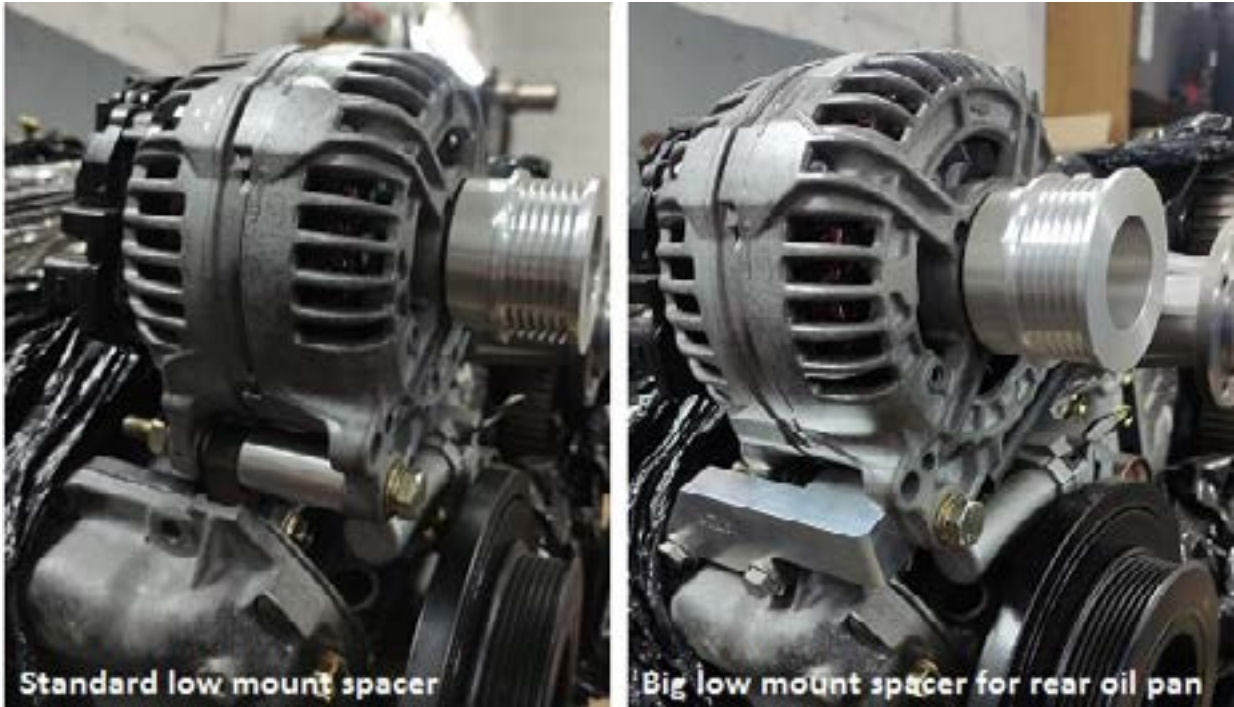


Photo 3

6. Use bolt (3) with washers (4 & 5) to mount the alternator on the upper mount bracket (2).
7. Tighten all bolts in sequence : 13 (optional), 3, 8.
8. Add washer (5) to the back of bolt (8) and tighten with nut (9) (photo 4).



Photo 4

9. Put the belt back on. Due to so many different applications, accessories and pulley diameters, we cannot supply a universal belt. You will need to use your current belt, or source a new one from a generic automotive supplier if yours needs replacement.

A doubt? A question?

Do not hesitate to contact us at **+33 185 086 186** or by email **contact@driftshop.com**