



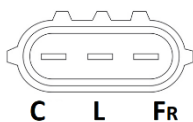
## BORGWARNER 150A ALTERNATOR KIT FOR NISSAN VG30 ENGINES INSTALLATION GUIDE

### Contents :



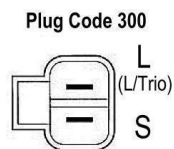
1. BorgWarner alternator 150A
2. VG alternator bracket
3. M10 socket bolt
4. M10 washer
5. Alternator connector
6. M8 tensioner nut
7. M8 tensioner bolt
8. M8 VG tensioner

### BorgWarner alternator pinout :



- C** - Computer
- L** - Alt. Charge Warning Light
- Fr** - Frequency Response

### Nissan OEM alternator pinout :



- Plug Code 300
- L** - Trio/Lamp
- S** - Sense (+)

**ATTENTION !** In order to work, alternator only needs "L" pin to connect.

## Installation :

1. Take off the OEM Nissan alternator.
2. Screw the VG alternator bracket (2) to the alternator in the lowest position (photo 1).



**Photo 1**

3. Fix the VG alternator (1) using bolt (3) with washer (4).
4. Fix the VG tensioner (8) to the OEM tensioner bracket using bolt (7) and nut (6) (photo 2).



*Photo 2*

5. Put the belt on, tension it and tighten bolts (photo 3). Due to so many different applications, accessories and pulley diameters, we cannot supply a universal belt.



*Photo 3*

**A doubt? A question?**

*Do not hesitate to contact us at +33 185 086 186 or by email [sales@driftshop.com](mailto:sales@driftshop.com)*