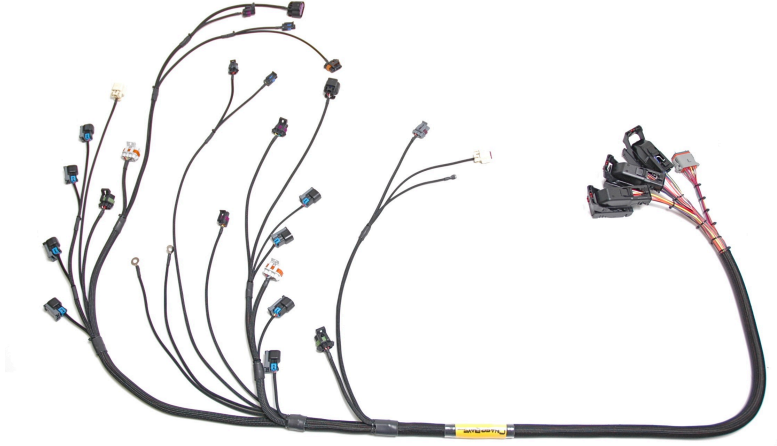


Chase Bays LS2 | LS3 Engine Harness Install Guide

Thank you for purchasing our LS2 | LS3 engine harness! This engine harness is designed to work on most Chevrolet LS2 | LS3 motors. This guide will help you through the install of your new purchased Chase Bays product.



Contents of this harness:

- Full LS2 | LS3 Engine Harness (As pictured above)
- Sub-harness for Chassis functions (12 pin gray connector near ECM plugs)

This harness fits pretty snug and it shouldn't be an issue finding where each plug goes. To help you along here is a list of each individual sensor on this harness.

1. 3 Black Plugs for ECM / PCM plugs
2. Alternator 4 pin plug
3. MAF (Mass Air Flow) 5 pin plug
4. CAM (CAM Sensor Pickup) 3 pin plug
5. ECT (Engine Coolant Temp) 2 pin plug
6. Coil Pack 8 pin plug (For 1,3,5, and 7 Coils)
7. 4 Injector plugs (For 1,3,5, and 7) 2 pin plugs
8. VSS (Vehicle Speed Sensor) 2 pin plug
9. RV LK (Reverse Lockout) 2 pin plug
10. Knock Sensor for 1-3-5-7 Bank, 2 pin plug
11. O2 Sensor for 1-3-5-7 Bank, 4 pin plug
12. DBW Drive-By-Wire 6-pin Plug
13. MAP (Manifold Absolute Pressure) 3 pin plug
14. 4 Injector Plugs (For 2,4,6, and 8) 2 pin
15. Coil Pack 8 pin plug (For 2,4,6, and 8 Coils)
16. 2 ½ Ring Terminals, Engine Grounds for back of cylinder head (firewall side)
17. Oil Pressure Sensor, 3 pin plug
18. CRANK (Crank sensor) 3 pin plug
19. STS (Starter Solenoid) Small ring terminal
20. Knock Sensor for 2-4-6-8 Bank, 2 pin plug
21. O2 Sensor for 2-4-6-8 Bank, 4 pin plug
22. 12 pin Plug near ECM plugs with 3 relays and flying leads to hook up to chassis functions
23. DLC (Data Link Connector) Plug

Now that we've covered that, all that's left is the Flying Leads off of the 12 pin Chassis Plug. If your harness came as a plug and play model that will plug into your chassis harness plugs, disregard this.

- RED – 12v Input to ECM, hook up to fused switched 12 volt battery
- WHITE/RED – Direct to Battery, Constant 12 volt
- BLACK – GROUND to Chassis
- GRAY – H2O Temp for cluster/gauge
- 16 gauge WHITE – Starter Solenoid
- ORANGE –Vehicle Speed Sensor to cluster/gauge
- 16 gauge YELLOW – To Fuel Pump
- ORANGE/BLUE – MIL Light
- 16 gauge BLUE – FAN(S)

If you have any further questions please call us at (205)623-2188. Thanks for your business!

