

## Installation Instructions

### Kit Contents:

- Custom Mustache bar
- Front differential mount brackets
- One-piece Rear control arm Drop-downs
- Custom Rear struts
- Custom complete Hy-Tuf Axles
- Hardware

### To purchase separately:

- Adjustable aluminum control arms
- Summit Racing™ Coilover Sleeve Kits SUM-G7800
- Koni 8610-1437RACE shock inserts
- Spring rate of choice 2.5" ID, 10" long Coil springs. (275lb is a good #)
- Super 8.8 rear end from a s550 Mustang
- 2015+ Mustang rear hubs
- 2015+ Mustang brakes.
- Sonnax makes a 6-Bolt adapter flange yoke kit to adapt from the 8.8 rear to a 1330 U-joint, making it easy to adapt to various driveshafts. [Sonnax 6-Bolt Adapter Flange Yoke Kit](#) .



\*It is recommended to utilize a top camber plate specific for your Datsun to convert the coilover top hat to your car.

### Installation steps:

1. A couple very minor modifications are necessary to install this differential swap kit.
  - a. First, using pliers or similar tool, bend over the small metal relief on the rear side of the oem diff strap mounts as shown below. Then use a hammer to straighten it completely.



2. Using a grinder, clearance the top portion of the diff about  $\frac{1}{8}$ ". This is necessary to ensure the differential is tucked as high as possible in the car.



3. Install front diff bracket to car as shown below, using supplied hardware and lock washers. It is also recommended to put some loctite on the threads before install. Do not tighten all the way. Leave loose so the brackets can be slid forward and reverse in slots.



4. Install rear control arm drop-down bracket using OEM hardware. It may be necessary to start one bolt and use a screwdriver to align holes on opposite end.



5. Install mustache bar with supplied washers. One washer on top of the bushing, and one on bottom. Reinstall OEM nut hand tight.



6. Install front diff bracket to differential using supplied hardware and torque down.
7. Then lift differential into place, aligning the rear bracket to the mounting locations on the differential. Install the supplied rear horizontal bolts loose first, then line up the front diff brackets and install the vertical mounting bolts and torque down. After all bolts are installed, torque all bolts down.



8. Install stock rear control arm rear bracket



9. On your stock rear control arm front bracket, remove OEM diff mount



10. Now it is time to install your rear control arms. The straighter part of the control arm goes towards the rear of the vehicle. Use factory front mount and rear brackets.



11. Install rear coilover struts with the shock towards the rear of the vehicle.

