

# **MOTORDYNE**

## **Shockwave™ Installation [370Z, G37, G37 sedan, Q40, Q60, Q50]**

**\*DO NOT FLOW EXHAUST GAS THROUGH THE EXHAUST SYSTEM UNTIL  
CORRECT FITMENT IS VERIFIED!\***

If you experience any difficulties with MD SYSTEM INSTALLATION please  
call Motordyne Tech. Support for assistance @ 661-993-5111  
Or email [info@motordyneengineering.com](mailto:info@motordyneengineering.com)

### **IMPORTANT!**

Please pre-assemble this kit to verify it contains all the correct parts before  
scheduling or starting installation.  
Motordyne is not responsible for removal, installation or other 3<sup>rd</sup> party costs.

### **HARDWARE INCLUDES:**

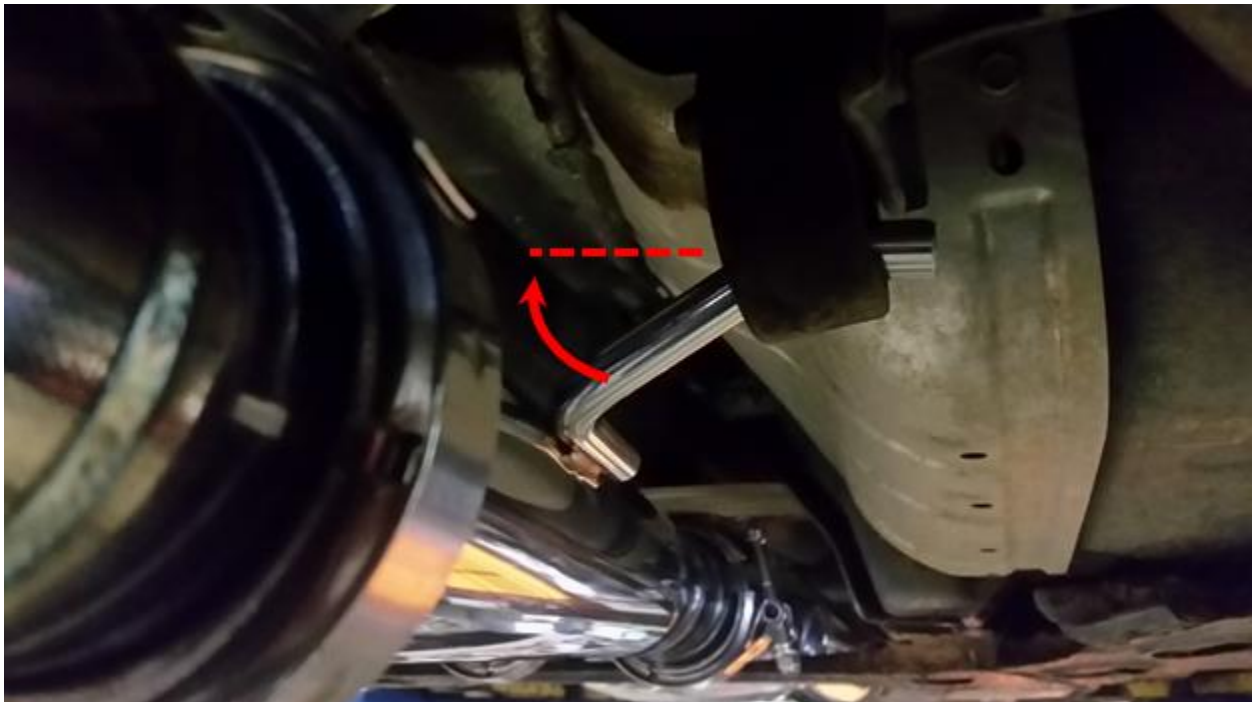
QTY: 2	2-1/2 2HOLE GASKETS
QTY: 5	3" V-BAND CLAMPS
QTY: 4	M10-30mm BOLTS
QTY: 4	M10 FLANGE NUTS
QTY: 1	INSTRUCTION SHEET
QTY: 1	WARRANTY SHEET
QTY: 1	DECAL IF AVAILABLE

# **Motordyne Shockwave**

Please read all the below instructions  
before beginning installation.

1. Remove the entire stock catback exhaust system. Spray the rubber hangers with oil for easy removal.
2. Install the XYZ pipe merge collector with only hand tightened bolts.
3. Attach the midpipe muffler with the V-band clamp only hand tightened.
4. Attach the dual midpipes to the muffler dual outlets only hand tight.

\*NOTE: It is critical to have the rotation correct on the midpipes. The hangers must be pointing level with respect to ground. If they point downward the exhaust will hang too low. Below is an example of how *NOT* to adjust the rotation of the midpipe. Notice how the hanger is pointing downward in the picture. Pointing down will pivot the exhaust too low. Rotate the midpipes so the hangers are level with respect to ground and it will pivot the exhaust up for increased ground clearance.



5. Remove the evaporator canister steel heat shield and simply push the thin aluminum heat shield out of the way as needed (the heat shield is only needed for the stock exhaust). \*NOTE: If the heat shield is not removed the exhaust tube will contact the edge of the heat shield and it will not fit properly, possibly causing damage to the bumper.

Remove the heat shield!



6. Attach the axleback sections with the V-band clamp only hand tightened.
7. Without the exhaust tips installed, make any needed adjustments and alignments to the exhaust system to insure good fitment before tightening the V-band clamps.
8. Starting from front to back, tighten the XYZ pipe V-band clamps to *70 inch/lbs*. *70 inch/lbs is ONLY hand tight with a nut driver.*  
\*NEVER USE AN AIR IMPACT WRENCH ON THE V-BAND CLAMPS\*
9. Working back, tighten all the V-band clamps to 70 inch/lbs while insuring proper tube alignment(s) and rotations.
10. Adjust alignment on exhaust tips and then tighten the set screws to 30 inch lbs.

If you have any questions during your installation call us at  
(661) 993-5111.

## Motordyne Warranty Terms and Conditions

Many parts are for off-road use only. As with any racing activity, there are risks at performance modifications. All in stallions are at the customers own risk. Motordyne Engineering holds no responsibility either implied or otherwise for mechanical, electrical or other failure when using after market performance products. Some items listed are illegal in many states and only for racing vehicles which may never be used on a public highway.

Warranty Policy of MOTORDYNE Inc. warrants to the original retail purchaser that the MOTORDYNE product will be free from defects in material and workmanship for one year from the date of original purchase except for: Full stainless-steel exhaust and piping, which are warranted for two years from original purchase. This warranty does not apply where the product is purchased from an unauthorized Motordyne dealer. The product has been abused, salted, misused, damaged, road damaged or improperly maintained, repairs have been made or attempted by others, because of normal tarnish, wear or tear, alterations have been attempted or made to the product, the product is a consumable, the product has been in an accident. The exhaust system and parts warranty is void on vehicles that have been lowered.

This non-transferable warranty is limited to repair or replacement, without charge, of the product/part found to be defective or, at MOTORDYNES option, refund of the purchase price and does not extend to claims for other loss or damage arising from the defect. Warranty is applicable only with a receipt from authorized Motordyne dealers. If a part does not fit or work properly, is blemished or is the wrong part, do not start the engine and uninstall the part immediately. Parts must be returned for inspection and approval before replacements can be sent. If a part or component from Motordyne system/kit is found to be defective, this warranty shall apply only to the defective part or component and shall not require MOTORDYNE to repair, replace or refund the complete MOTORDYNE system/kit. In no event shall MOTORDYNE liability under this warranty exceed the purchase price of the MOTORDYNE product. This warranty does not include the cost of removal, shipping or re installing of the product. No person or representative is authorized to extend any warranties on behalf of MOTORDYNE (other than expressed herein) or assume for MOTORDYNE any liability (other than expressed herein) in connection with the sale of any MOTORDYNE product.

MOTORDYNE DISCLAIMS ANY AND ALL LIABILITY FOR ANY IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A SPECIFIC PURPOSE. UNDER NO CIRCUMSTANCES SHALL MOTORDYNE BE LIABLE FOR ANY INCIDENTAL, INDIRECT, SPECIFIC OR CONSEQUENTIAL DAMAGES ARISING FROM PURCHASERS USE OF THE PRODUCT. Some states do not allow one or more of the above specified exclusions or limitations. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

Motordyne is not responsible for loss or damage caused during shipment. This is the responsibility of the carrier. All orders are shipped fully insured to protect against theft, loss rifling and damage. Damaged parts must be reported to shipping carrier immediately.

All returns must be approved my MOTORDYNE with an RMA#.

All returns must be in the original box.

No returns on used or damage products.

All Non-defective returns are subject to a 20% restocking fee.