

advanced FLOW engineering

Instruction Manual P/N: 49-36306

Make: **BMW** Model: **335i E90/E92** Year: **2011-2012** Engine: **L6-3.0L (t)**



- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.
- Retain factory parts for future use.

Label	Qty.	Description	Part Number
A	1	Muffler/Tailpipe Left	05-45376
B	1	Muffler/Tailpipe Right	05-45397
C	1	Midpipe #1, Left	05-45392
D	1	Midpipe #1, Right	05-45393
E	1	Midpipe #2, Left	05-45394
F	1	Midpipe #2, Right	05-45395
G	1	Adjustable Hanger #EU, Left	05-41203
H	1	Adjustable Hanger #EV, Right	05-41204
I	4	Band Clamps	05-41160
J	16	Spacers	03-50211
K	8	M8 Button Head Screw	03-50111
M	8	Washer, Flat, M8	03-50065
N	2	Screw, 1/4-20x3/4	03-50100
O	2	Nut, 1/4-20	03-50073
P	2	Washer, Flat, M6	03-50070
Q	1	Plug, Vacuum line	03-50201

Installation will require the following tools:

T-50 torx bit, 5mm hex key, Ratchet, 3/8", 7/16", 12mm, 13mm, 15mm and 18mm sockets and wrenches.

Note: Legal in California for use on race vehicles only. The use of this device on vehicles used on public streets or highways is strictly prohibited in California and others states that have adopted California emission regulations.





Figure A


Refer to Figure A for step 1

1. Loosen the (4) flange nuts but do not remove completely at this time.



Figure B

Refer to Figure B for step 2

2. Remove the 13mm hex head screws & brackets at rear of transmission. 
(Note: This will not be reused due to larger tube size.)

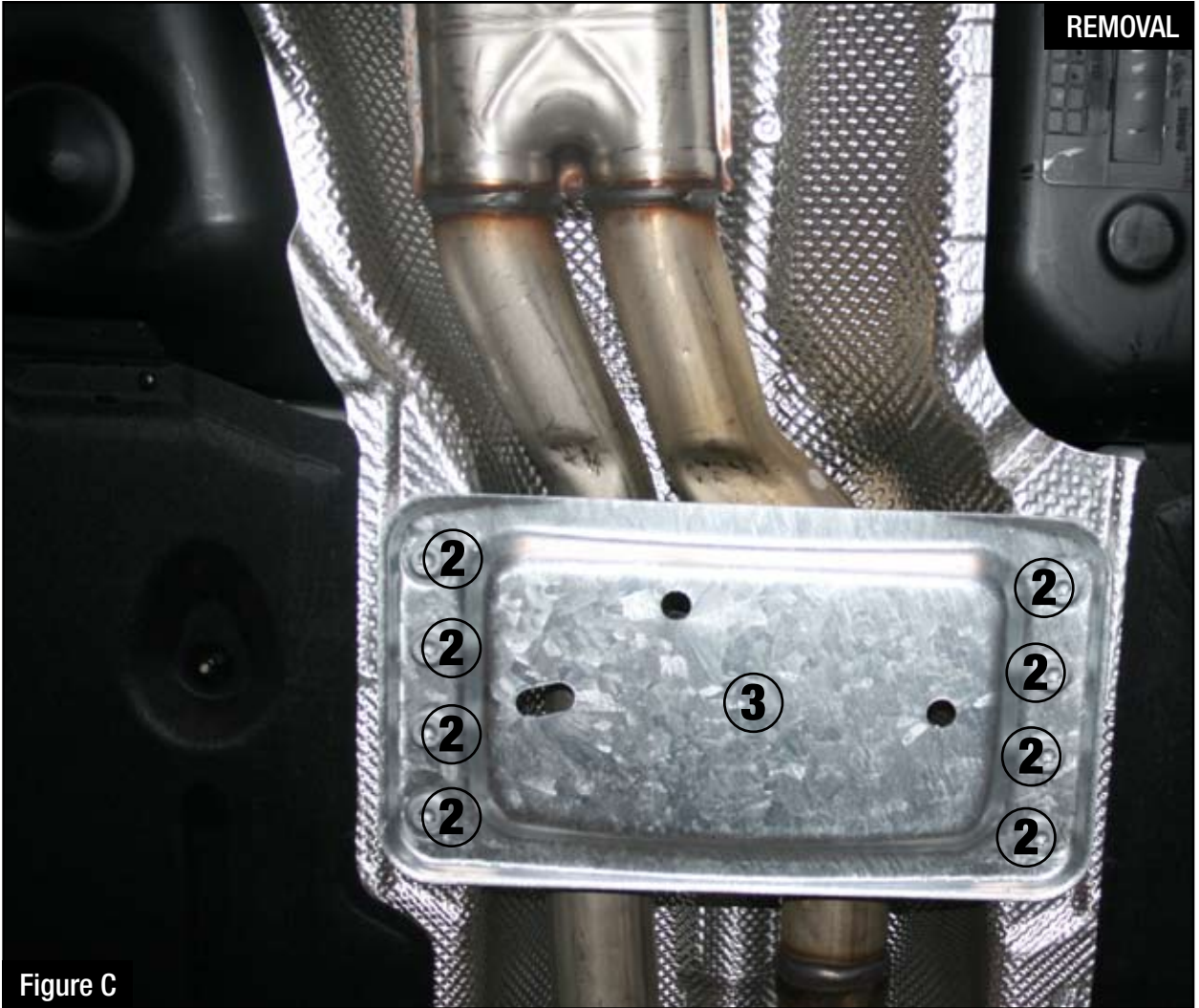


Figure C

Refer to Figure C for step 3

3. Remove the (8) T-50 Torx screws (2) and Connecting Support plate. (3)



Figure D

Refer to Figure D for steps 4-5

4. Place a support stand under the rear of the exhaust to support its weight.
5. Remove the hangers from the Differential area.



Refer to Figure E for step 6

6. Remove the hangers from the front of the mufflers.

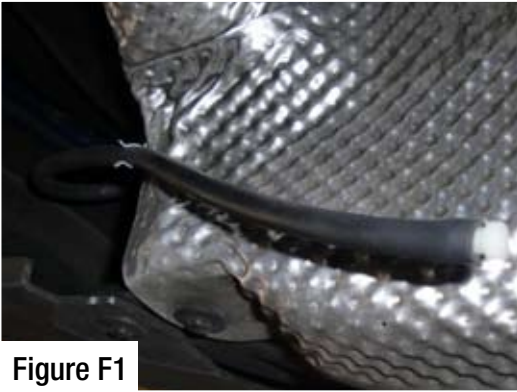


Figure F1



Figure F

Refer to Figure F for step 7-8

7. Disconnect the vacuum hose from the left exhaust muffler outlet actuator and plug the hose with the supplied vacuum plug and tuck the hose out of the way. (see fig. F1)
8. Remove the hangers from the rear of the mufflers while making sure the exhaust system is safely supported.



Refer to Figure G for step 9

9. With an assistant remove the (4) flange nuts (save for later use) and lower the complete exhaust system. Replace the flange gaskets if they are no longer serviceable.

Note: You will not be reusing the flange bracket.



Figure H

Refer to Figure H for step 10

10. Install the right side exhaust starting from the flange rearward (Midpipe #1). Reconnect using new gaskets or the originals if still serviceable. The use of anti-seize is recommended on the flange studs. (Do not tighten the flange nuts at this time.)



Figure I

Refer to Figure I for step 11

11. Install Midpipe #2 using a band clamp and connect its isolation mount. (Do not tighten at this time.)

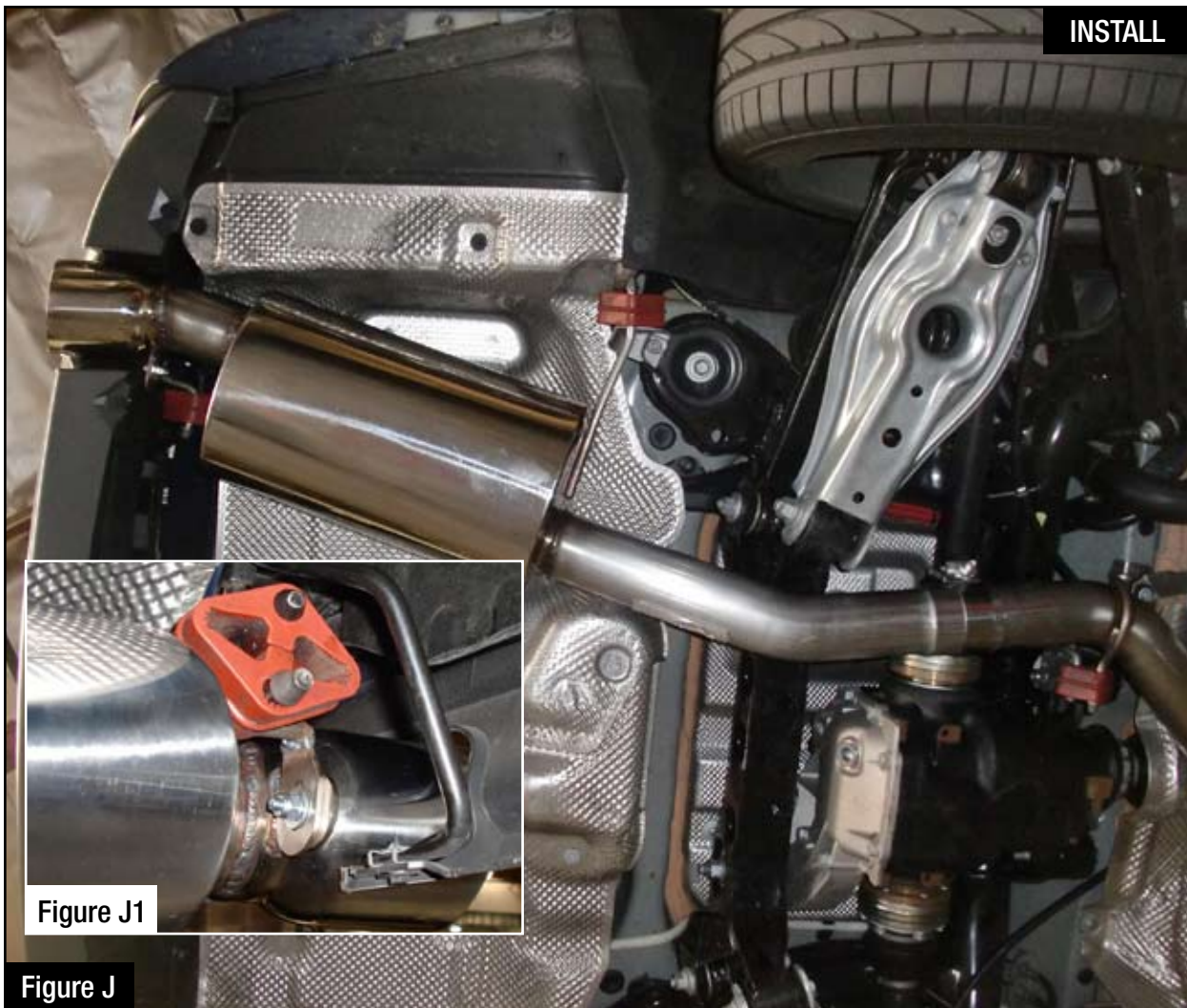


Figure J1

Figure J

Refer to Figure J for step 12

12. Install Muffler/Tailpipe assembly using a band clamp and connect its front and rear isolation mounts. The rearmost mount is a 2-piece adjustable bracket (see fig J1) that will use Hanger #EV. (Do not tighten at this time.)

**Figure K****Refer to Figure K for step 13**

13. The front flange mount nuts can now be tightened. The tubes can be positioned and the band clamps can now be tightened.



Figure L

Refer to Figure L for steps 14 & 16

14. The left side can now be installed repeating steps 10-13 and using adjustable Hanger #EU.
16. Adjust both rearmost hangers to center the tips in the bumper cutouts.



Figure M

Refer to Figure M for step 15

15. Install the Connecting Support plate using the button head screws (8) and aluminum spacers (16) provided in kit. Your installation is complete.

Note: It is suggested that all components be retightened after approximately 150 miles.

Warranty

General Terms:

- aFe warrants their products to be free from manufacturer's defects due to workmanship and material.
- This warranty applies only to the original purchaser of the product and is non-transferrable.
- Proof of purchase of the aFe product is required for all warranty claims.
- Warranty is valid provided aFe instructions for installation and/or cleaning were properly followed.
- Proper maintenance with regular inspections of product is required to insure warranty coverage.
- Damage due to improper installation, abuse, unauthorized repair or alteration is not warranted.
- Incidental or consequential damages or cost, including installation and removal of part, incurred due to failure of aFe product is not covered under this warranty.
- All warranty is limited to the repair and/or replacement of the aFe part. To request Return Goods Authorization ("RGA"). Upon receipt of the RGA, you must return the product to the address provided in the RGA, freight prepaid and accompanied with a dated proof of purchase and the RGA. Upon receipt of the defective product and upon verification of proof of purchase, aFe will either repair or replace the defective product within a reasonable time, not to exceed thirty days.

No other warranty expressed or implied applies nor is any person or advanced FLOW engineering authorized to assume any other warranty. Some States do not allow the exclusion or limitation of incidental or consequential damages or do not allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.



aFe Black Polo



P/N: 40-31209 M
40-31210 L
40-31211 XL
40-31212 2XL
40-31213 3XL

aFe Tan Polo



P/N: 40-31214 M
40-31215 L
40-31216 XL
40-31217 2XL
40-31218 3XL

aFe Power Hat



P/N: 40-10043

aFe Key Chain



P/N: 40-10109

aFe Pen



P/N: 40-10090

aFe Lic. Plate Frame



P/N: 40-10097