



advanced FLOW engineering

Instruction Manual P/N: TR-5201B-D / TR-5201B-R

Make: **Dodge** Model: **Dart** Year: **2013-2016** Engine: **L4-2.0L**



- 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
A1	1	Pro DRY S Air Filter	21-91090 (Grey Media)
A2	1	Pro 5R Air Filter	24-91090 (Blue Media)
B	1	Tube	05-T5201B1
C	1	Housing	05-T5201B2
D	1	Seal, Trim 7/16" Bulb (25")	05-00072
E	1	Screw, Hex Hd: M6 x 1 x 16	03-50052
F	1	Nut, Hex: M6X1, Gr 8.8	03-50059
G	1	Coupling, Silicone Elbow	05-01325
H	2	Washer, Fender: 1/4" (1" OD)	03-50074
I	2	Clamp, (2-9/16" - 3-1/2")	03-50007
J	1	Grommet, Temp Sensor	03-50050
K	1	Hose (8")	05-00069

Installation will require the following tools:

8mm Nut Driver, 10mm Nut Driver, 10mm Wrench, Flat Head Screw Driver, Pliers

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 steps 1-5

Step 1: Disconnect the air intake temperature sensor. ①

Step 2: Remove the 10mm bolt retaining the OE air box. ②

Step 3: Pop off the engine cover and disconnect the crank case hose.

Step 4: Pull out the engine cover and OE air box together in an upwards motion.

Step 5: Remove the coupling on the throttle body.



Figure B

Refer to Figure B for steps 6-7

Step 6: Install the Takeda filter onto the Takeda housing. Make sure housing is sealed in filter retain groove.

Step 7: Install the tim seal onto the housing.

**Figure C****Refer to Figure C for step 8-9**

Step 8: Install housing into vehicle. Make sure housing is sitting on chassis pinch weld.

Step 9: Install supplied elbow coupling with clamps onto throttle body. Do not tighten clamps at this time.



Figure D

Refer to Figure D for steps 10-12

Step 10: Remove OE temp sensor from OE engine cover.

Step 11: Install supplied grommet to Takeda intake tube.

Step 12: Install OE air temp sensor into grommet on Takeda intake tube. ③

**Figure E****Refer to Figure E for steps 13-16**

Step 13: Install tube into air filter then into throttle body coupling, align then tighten clamps.

Step 14: Secure housing to the vehicle frame using bolt, washer, and nut provided. ④

Step 15: Connect the supplied crank hose onto the Takeda intake tube and valve cover. ⑤

Step 16: Re-connect temp sensor ⑥. Make sure all bolts and clamps are tightened. Your install is now complete.



OPTIONAL ENGINE COVER

Figure F

Refer to Figure F for Optional Engine Cover
Optional engine cover P/N TC-5201B sold separately.



Pro DRY S Air Filter



P/N: 21-91090

Pro 5R Air Filter



P/N: 24-91090

Pro DRY S Restore Kit



P/N: 90-59999

Blue Squeeze Restore Kit



P/N: 90-50501

Optional Engine Cover



P/N: TC-5201B

Takeda Lic. Plate Frame



P/N: TP-7014F

Takeda T-Shirt



P/N: 40-30332 (M)
40-30333 (L)
40-30334 (XL)

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.

Product Category	P/N Prefix	Warranty duration
Direct OE Replacement Filters	10, 11, 30, 31, 71, 73	Life of the vehicle
Racing Filters	18	1 year
Universal	21, 24, 72	2 years
Air Intake Systems	50, 51, 54, 55, 75	2 years
Exhaust Systems	49	2 years
Intercoolers & Intercooler Tubes	46-2	2 years
Intake Manifolds	46-1	2 years
Differential Cover	46-7	Life of the vehicle
Exhaust Manifolds	46	2 years
Throttle Body Spacers	46-3	2 years
Fluid Filters	44	90 days
Pre-Filters	28	2 years
Heavy Duty OE Replacement	70	2 years
PowerSports OE Replacement	81, 87	2 years
PowerSports Intake Systems	85	2 years

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.