



**advanced FLOW engineering** Stage-2 Air Intake

**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 at 951-493-7100.
- 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




**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.

**NOTE: Place enclosed CARB EO sticker on a smooth/clean surface on or near the intake system. EO identification label is required to pass the smog test inspection.**





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)

To purchase any of the items above, view airflow charts, dyno graphs, photos, and video; please go to [aFepower.com](http://aFepower.com).

# 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"), email [RGA@afepower.com](mailto:RGA@afepower.com) or call (951)493-7100. 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.

<b>Product Category</b>	<b>P/N Prefix</b>	<b>Warranty duration</b>
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

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