

advanced FLOW engineering

Instruction Manual P/N: TR-4203P



Make: **Mitsubishi** Model: **Lancer GTS** Year: **2009-2011** Engine: **L4-2.4L**



- 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
A	1	Pro Dry S Air Filter	TF-9012D
B	1	Intake Tube	05-T4203P1 (Pol)
C	1	Housing	05-T4203B2
D	1	Adaptor	05-01037
E	1	Coupler, Straight	03-00417
F	1	Coupler, Reducer	05-00824
G	1	Clamp, 56	03-50009
H	1	Clamp, 48	03-50007
I	2	Clamp, 44	03-50019
J	1	Grommet	03-50050
K	1	Elbow Fitting	03-50152
L	3	Screw, Button Head	03-50102
M	2	Screw, Cheese Head	03-50030

Installation will require the following tools:

Flat head screw driver, Phillips screw driver, 8mm socket, 10mm socket, Ratchet & 5/16 nut driver.

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.



B



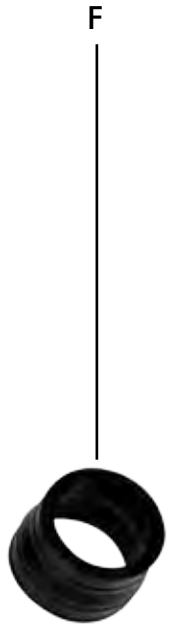
C



D



E



F



G



H



I



J



K



L

M



A



L

M



Figure A

Refer to Figure A for step 1

Step 1: Remove the air inlet assembly from the vehicle (1). Disconnect the wiring harness from the Mass Air Sensor (MAS) (2). Remove the crankcase breather hose and plastic elbow from the air intake tube (3). Loosen the clamps securing the air intake tube (4) and remove the air intake tube from the vehicle. Release the clips (2) (5) securing the airbox cover. Remove the airbox cover (6) and filter element. Remove the MAS from the stock intake tube.



Figure B

Refer to Figure B for step 2

Step 2: Install the rubber grommet (J) and plastic elbow (K) in the supplied Takeda air intake tube (B).



Refer to Figure C for step 3

Step 3: Attach the air filter adapter (D) to the air filter housing (C) using the supplied button head screws (L). Install the supplied Takeda air filter (A) on the air filter adapter and tighten the clamp.

Step 4: Install the Takeda air filter housing on the stock air filter housing and secure the rear clip (5) (the front clip is no longer used).



Figure D

Refer to Figure D for steps 5-6

Step 5: Loosely install the supplied couplings (E) (F) and clamps (G) (H) (I) on the Takeda air intake tube.

Step 6: Install the Takeda air intake tube between the throttle body and air filter housing. Align the tube and tighten the clamps. Install the MAS & connect the wiring harness (2) to the MAS and attach the crankcase breather hose (3). Finish the installation by replacing the air inlet assembly (1).



Page left blank intentionally

Page left blank intentionally



Pro DRY S Air Filter



P/N: TF-9012D

Pro DRY S Restore Kit



P/N: TP-7015C

aFe Power Hat



P/N: 40-10083

Takeda Tee



P/N: TP-7004T M
P/N: TP-7005T L
P/N: TP-7006T XL
P/N: TP-7007T 2XL

Key Chain



P/N: TP-7018K

To purchase any of the items above, view airflow charts, dyno graphs, photos, and video; please go to 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 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.

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.



advanced FLOW engineering, inc.

252 Granite Street Corona, CA 92879

TEL: 951.493.7100 • TECH: 951.493.7100 x23

E-Mail: Tech@aFepower.com