Intake kit Installation Instructions: 05-10 Ford Mustang GT V8-4.6L

**Kit P/N:** 5154-10293
**Make:** Ford
**Model:** Mustang FORCE Stage-2 Air Intake
**Year:** 2005-2010
**Engine:** V8-4.6L

**NOTE:** Excluding Mustang GT 2005 LEV II LEV Engine Test Group 5FMXV04.6VBB, Mustang GT 2007 LEV II LEV Engine Test Group 7FMXV04.6VBB, Mustang GT 2008 LEV II LEV Engine Test Group 8FMXV04.6VBB

**Tools Required:**
- 10mm socket or wrench
- 5/16” nut driver
- Phillips screwdriver
- Ratchet w/ extention
- T-20 torx bit (included)

**Parts List:**
- 1 Air filter (P/N 24-90025 or Pro Dry S™ 21-90025)
- 1 Housing, wrinkle black
- 1 Tube
- 1 Coupling, straight 4-1/2” x 2-1/2”
- 1 Clamp, R072
- 2 Screw, hex M6 x 1 x 25
- 2 Washers, wavy M6
- 2 Nut, M6
- 2 Washer, flat
- 1 Gasket, MAF sensor
- 2 Spacer, nylon 1/2” x 1/4” x 1/8”
- 2 Screw, phillips #8-32 x 5/16”
- 1 3/8” hose @ 15’L
- 1 7/16” trim seal 28.5”L

**Parts:**
- 2009 Mustang GT LEV II LEV Engine Test Group 9FMXV04.6VBB, Mustang GT 2009 LEV II LEV 9FMX05.4VEK, Mustang GT 2010 ARB LEV II LEV AFMXV04.6V04

**Complete Kit w/ Parts**

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**Step 1**
With OE screws removed from step 5, install new aFe housing to vehicle. Tighten using 10mm socket or wrench.

**Step 2**
With 5/16” nut driver loosen clamp at throttle body. Disconnect and remove OE crank case line.

**Step 3**
Losen the clamp at air box side and remove OE intake tube.

**Step 4**
Disconnect MAF sensor harness.

**Step 5**
With 10mm socket or wrench loosen the 2 screws holding in OE air box. Lift up and remove OE air box out of vehicle.

**Step 6**
Remove factory crank case line from engine.

**Step 7**
Install coupler with clamps to tube. Install tube to outside of housing and position coupler on to throttle body.

**Step 8**
Install new 3/8” provided to valve cover side and new tube side.

**Step 9**
Install air filter and tighten using 5/16” nut driver.

**Step 10**
Tighten clamps with 5/16” nut driver.

**Step 11**
With T-20 torx bits remove MAF sensor and (with gasket, nylon spacers and screws provided ) install into new tube. Make sure gasket and nylon spacers are between sensor and tube.

**Step 12**
Install new 3/8” provided to valve cover side and new tube side.

**Step 13**
Reconnect MAF sensor harness.

**Step 14**
Reconnect MAF sensor harness.

**Step 15**
Your installation is now complete. Please check all bolts and clamps periodically. Re-tighten if necessary. Thank you for choosing aFe! Place enclosed CARB SO sticker on a clean/smooth surface on or near the device. EO identification label is required in passing the smog check inspection.
**NOTE:** If your intake tube has an insert as shown in Figure A, then install the supplied vent fitting with a 15mm wrench as shown in Figure B.