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# Intake Kit Installation Instructions: '96-'04 Ford Mustang GT V8-4.6L

<b>Kit Part #</b>	51/54-10282	<b>Tools Required:</b>	<b>Part List:</b>	
<b>Make:</b>	Ford	8mm socket	1 Air filter (Replacement part # 24-40011) or	2 Washer, flat M6
<b>Model</b>	<b>Year</b>	10mm socket	<b>Pro Dry S™</b> # 21-40011	2 Washer, sealing 1/4"
Mustang	'96-'04	5/16 nut driver or slotted screwdriver	1 Tube "L"	4 Clamps, # 056
	<b>Engine</b>		1 Tube "S"	2 Clamps, # 048
	V8-4.6L		1 Cover plate	1 Gasket, MAF sensor
			1 Adapter, MAF sensor	2 Coupler, straight 3.5D" x 3L"
			7 Bolt, M6 x 1 x 16	1 Coupler, straight 3D" x 3L"
			1 Nut, hex, M6	1 Vent hose, 3/4"D x 8.5"L
			1 Grommet	1 Vent hose, 5/8"D x 3.5"L
			7 Washer, split M6	1 Cap, 3/8"

**Step 1**



Complete kit with parts.

**Step 2**



Complete stock intake.

**Step 3**



Disconnect wire harness from MAS airflow sensor (MAF) and disconnect temperature sensor. Remove temp sensor from boot.

**Step 4**



Loosen boot clamps at MAF sensor and throttle body. Disconnect vent tubes at boot and resonator box. Remove boot.

**Step 5**



Remove 8mm head screw securing filter canister. Remove canister assy. by rotating up and out to clear snorkel from inner fender well. Place on workbench and remove MAF sensor from filter canister.

**Step 6**



Install MAF adapter using gasket + (4) M6 x 16mm hex screws and lock washers.

**Step 7**



Install rubber grommet in hole on "L" tube. Insert temp sensor into grommet

**Step 8**



Install cover plate and bracket over snorkel hole in fender well. Use an m6 x 16 hex screw, flat washer, lock washer and nut at lower hole + screw and flat washer at upper location.

**Step 9**



Install 3.5" dia. coupler on small end of filter tube and pass filter end thru fender well. Attach MAF sensor to coupler using 2 #056 clamps. Installation can also be done from below.

**Step 10**



Place the 3.5" dia. Coupler over large end of "L" tube and 3" dia. Coupler over small throttle body end of tube. Attach large coupler end to MAF sensor. Using (2) #056 clamps swing tube assy. into position and attach to throttle body using (2) #048 clamps.

**Step 11**



Attach tube assy. to cover plate bracket using (1) m6x16 mm screw, (1) lock washer and (2) sealing washers.

**Step 12**



Connect wire harnesses to MAF sensor and temp sensor.

**Step 13**



Attach supplied vent hoses.

**Step 14**



Install air filter from beneath. Access can be easier if inner fender splash panel is flexed out of the way for clearance. Be sure filter is clamped securely and check and re-tighten after a few hours of operation.

**Step 15**



Place enclosed CARB EO sticker on a clean/smooth surface on or near the intake system. EO identification label is required in passing Smog Check inspection. Make sure all hoses and clamps are tight and that all electrical components are secure.

Note: Filter Cleaning and Re-oiling: When cleaning your aFe filter, be sure to use only aFe's "Restore Kit" (aFe P/N: 90-50001 blue oil aerosol, or aFe P/N: 90-50501 blue squeeze bottle oil). Filter Replacement: PN: 24-40011 (black w/blue media). **Pro Dry S™** P/N: 21-40011 (black w/white media) **Pro Dry S™** cleaning: see cleaning instruction sheet 06-00074.