



CLASSIC AUTO AIR MFG.
4901-A W. RIO VISTA AVE,
TAMPA, FL 33634
813-251-2356 Monday - Friday, 9:30am - 6pm EST

23-101 Series - 75-79 Cougar V8 Compressor Upgrade Kit

INSTALLATION INSTRUCTIONS

Step 1	COMPRESSOR ADAPTER INSTALLATION
	If the car's original compressor & clutch are still on the car, discharge the system of any refrigerant, remove the two hoses that connect to your compressor and remove the compressor & clutch.
	Review & follow installation for 7-182 York-to-Sanden compressor mount adapter and install to the original compressor mounting bracket but do not tighten any of the hardware.
	Install compressor to adapter bracket.
	Review & follow installation for 7-183 Idler Bracket Adapter to your original idler bracket and connect it to the compressor ears, but do not tighten any of the bolts.
	Using your original a/c fan belt, align to the factory air groove on your crankshaft pulley, (and water pump pulley, if 2nd groove is used) idler(s) and align to whichever groove on the compressor aligns best.
	Once belt is aligned, tighten all hardware to secure in place.
	Tension the belt.
Step 2	Discharge Hose (Hose #1 Bag)
	Hose #1 bag contains (5') of 13/32" hose, (1) 90' fitting (already crimped on the hose) & (1) straight fitting uninstalled.
	Install the pre-crimped 90' fitting to the "D" port on the compressor, but do not tighten.
	Route the hose as desired to the condenser discharge fitting, cut the hose to the desired length and crimp* the loose straight fitting on the hose.
	Disconnect the end that is connected to the compressor, install the o-ring on the fitting, lubricate using the provided oil tube and re-install on the compressor, but do not tighten.
	Install an o-ring on the straight fitting, lubricate using the provided oil tube and attach the fitting to the condenser.
	Tighten both fittings.
Step 3	Suction Hose (Hose #2 Bag)
	Hose #2 bag contains (6') of 1/2" hose, (1) 90' fitting (already crimped on the hose), (1) loose 180' fitting & (1) Adel hose clamp.
	Install the pre-crimped 90' fitting to the "S" port on the compressor, but do not tighten.
	Route the hose as desired to the suction fitting at the firewall, cut the hose to the desired length and crimp* the loose 90' fitting on the hose.
	Disconnect the end that is connected to the compressor, install the o-ring on the fitting, lubricate using the provided oil tube and re-install on the compressor, but do not tighten.
	Install an o-ring on the 180' fitting, lubricate using the provided oil tube and attach the fitting to the POA valve.
	Tighten both fittings.
Step 4	Filter Drier
	Install a new or rebuilt filter-drier. Be sure to seal the system immediately following installation.
	NOTE - it is imperative that the filter-drier is changed or rebuilt and warranty is voided without it. Classic Auto Air can also provide the rebuilding service in our Tampa, FL facility.
Step 5	Review "FORD Converting to 134a"
Step 6	Compressor Wiring
	Find the compressor wire that originally connected to the compressor. Using a pair of wire cutters, cut the grommet from the end of the wire. Shave the end of the wire and crimp on the female bullet connector.
	Connect to the male bullet connector on the compressor.
Step 7	Have qualified technician charge the system after reviewing "Compressor Information".
	* NOTE - If you are unable to have your hoses crimped locally, we can do it for you. Cut your hose to length, slide the fitting on the hose, index it and send it back to us with a copy of your invoice. We will crimp & return at no charge!