

These instructions are for the KE-2200-K Onboard Air kit. If you purchased the KE-2200 mounting kit only, just disregard the additional steps.

- 3/8" x 7/8" Bolts (3)
- 3/8" x 1.25 Bolts (3)
- 3/8" x 1.5 Bolt (1)
- 10mm x 110x1.5 Bolt (1)
- 10mm Nut
- 3/8" Washers (19)
- 1/4" x 1 Bolts (2)
- 1/4" Washers (3)
- 1/4" Well Nut (1)
- 1/4" nut (1)

COMPONENT KIT (PULLEY)

- 2" Pulley
- 10mm Bushing
- 10mm x 35 x 1.5 Bolt
- 3/8" Washer (2)
- Zip Tie

AIR TANK MOUNT HARDWARE

- 3/8" x 1 self tapping bolt (2)
- 3/8" x 1 bolt (4)
- 3/8" nut (4)

MANIFOLD HARDWARE

- 10/32" x 1 1/2" Socket Head Bolt (2)
- 10/32" Hex Machine Screw Nuts (2)

We recommend Evap relocater part # JK-EV for all applications. JK-EV is required on all SWB model JK's.

1. Disconnect negative battery terminal. Cut the plastic near the ABS module using picture as a guide. (See photos 1 & 2)
2. Take vehicle to certified AC shop & have supplied AC line swapped.
3. Bend oil dipstick tube bent towards engine for clearance.
4. Remove serpentine belt, as well as the upper AC compressor bolt.
5. Remove upper alternator support bracket & wiring.
6. Remove drivers side alternator bolt & loosen alternator so it can be pivoted.
7. Install compressor mounting bracket using M10x85mm bolt through factory alternator mounting ears. Use factory alternator mounting bolt to re attach alternator to air compressor mounting plate. Don't tighten any bolts yet. (See photo 3)
8. Install lower compressor mounting brace using upper AC compressor mounting bolt that was removed in step 4.
9. Tighten M10x110mm bolt, followed by alternator bolt.
10. Install supplied idler pulley & M10 bushing using M10-35mm bolt & two 3/8" washers on inside. (See photos 4&5)
11. Install clutch on York Compressor. Place compressor on mounting plate & check for clearance to the AC line & ABS lines. Use the 3/8" x 1.5" bolt on drivers side forward mounting location. These lines will have to be bent slightly for clearance.
12. Install supplied alternator brace to intake, as well as compressor to alternator bracket using factory hardware.
13. Splice alternator wires to extend.
14. Install supplied serpentine belt.
15. Install air tank mounting plate. Loosen evaporator bolts, sliding the supplied plate in between. Drill two 11/32" holes in the forward cross member & insert supplied self tapping bolts & washers. (long wheelbase models) (See photo 6) If you have a SWB model, install Evap relocater and then install airtank mounting plate using evap canister mounting locations. Keep the inboard slot in plate towards the frame rail.
16. Install fittings on air tank & install air tank using provided hardware.
17. Find a suitable mounting location for the rear air coupler & route air lines keeping clear of the exhaust. We recommend routing the line up the frame & over the gas tank.
18. Install manifold bracket in engine compartment by drilling a 1/2" hole for the supplied well nut. Cut 1 3/4" from plastic next to the battery for hose clearance. (See photo 7)



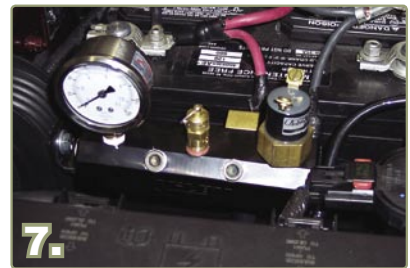
Thanks for buying a Kilby Enterprises product!



KILBY ENTERPRISES

Installation instructions for the KE-2200K

19. Attach air hose from air tank to manifold using supplied fittings.
20. Attach flange fittings to compressor. Attach air intake filter to suction port, and attach air line to discharge port. Using supplied bracket, attach coalescing filter to the side of the compressor. Route the discharge line to intake of coalescing filter. From the discharge of the coalescing filter, route air line to the driver's side of the already mounted air manifold.
21. Find suitable mounting location for the front air coupler & route line to air tank, keeping clear of the exhaust.
22. Wire switch to a suitable location, using guide provided in product guide.
23. Start engine, check for leaks. You now have onboard air! (See photo 8)



Thanks for buying a Kilby Enterprises product!