

Oil Cooler

Club Car DS 1982-2007

ENG CC0 100



BUGGIES
UNLIMITED

Components:

- A. (2) Hoses
- B. (1) Oil Cooler
- C. (4) Hose Clamps
- D. (2) 90° 1/4" NPT Fitting
- E. (1) Threaded Filter Tube
- F. (2) 90° 1/8" NPT Fitting
- G. (1) Oil Cooler Adapter
- H. (4) #10 (5/16") Self Tapping Screws
(not shown)

Tools Needed:

- Safety Glasses
- Drill & 5/32" drill bit
- 5/16" Nut Driver
- 1/4" Nut Driver
- Flathead Screwdriver



CAUTION: Remember to wear appropriate eye protection while performing the tasks in this instruction.

Installation Instructions:

1. To mount oil cooler, locate I-beam on driver's side. Use oil cooler base as template for marking holes that will be drilled. It is recommended to mount oil cooler on the I-beam above the oil filter, under the muffler, and immediately behind the solenoid box. Before mounting to I-beam, insert 90° 1/4" NPT hose fitting in each end of the oil cooler. Use Teflon tape to seal all hose fitting threads before fitting into aluminum housing. Tighten fittings on oil cooler until hose nipple is pointing down. (See Figure 2)
2. Remove oil filter.
3. Remove threaded oil filter retention tube.
4. Thread new retention tube into hole until snug.
5. Install 90° 1/8" NPT pipe fitting into aluminum adapter. Make sure pipe fittings are perpendicularly opposed. (See Figure 3) Use Teflon tape to seal all hose fitting threads before fitting into aluminum housing.
6. Install oil cooler adapter on to threaded filter tube with O-ring towards engine block. Make sure fittings are pointing up. (See Figure 4) It is recommended to look through threaded oil filter tube and make sure the area is clean.
7. Place light coating of oil on O-ring.
8. Place light coating of oil on oil filter.
9. Install oil filter. Tighten until snug.
10. Install hose and clamps between oil cooler and filter adapter.
11. Run engine briefly to ensure no leaks.
12. Add oil as needed to appropriate level on dipstick.

