The cobra type regulator is a LPG liquid withdrawal high pressure regulator. This regulator provides excellent fuel delivery with liquid cooled engines.

**WARNING!**

The cobra should be installed with all applicable Federal, State, and local laws and codes.

**Special notes in regards to NFPA Pamphlet 58**

For indoor installations by NFPA definitions, a reg. that is not considered to possess a positive shut-off valve. This will shut off the fuel supply should the engine fail while unattended.

**OPERATION**

Liquid propane enters the regulator and vaporizes using heat from engine coolant. The entry pressure is transmitted from the carburetor to the regulator, the regulator senses the negative pressure, thus releasing propane vapor to the carburetor. Some regulators are equipped with a primer button. A maximum duration of 1 second, if required.

**INSTALLATION & SERVICE**

The cobra should be mounted as close to the carburetor as possible with the fuel outlet placed in the lowest position for best flow. The Cobra should also be checked for leakage pass the valve seat. If the unit requires service, we suggest you take it to a qualified service facility.

---

**US-RK-COBRA Repair Kit Instructions**

---

**US-RK-COBRA Repair Kit**

**ITEM #** | **PART #** | **Description**
--- | --- | ---
1 | US-S7-4 | Screen, atmospheric vent
2 | US-S1-59* | Screw, 8-32 x 5/8” SEMS
3 | US-AC1-98 | Cover assy., secondary, standard
4 | US-AC1-15830-2 | Cover assy., secondary, no primer
5 | US-AD1-27-5* | Diaphragm assy., secondary, fluorosilicone
6 | US-S1-42* | Screw, 8-32 x 3/8” SEMS
7 | US-L1-37 | Lever, secondary
8 | US-P1-8 | Pin, secondary fulcrum
9 | US-S4-27* | Seat, secondary
10 | US-S2-35 | Spring, blue secondary, -0.37 kPa (-1.5” w.c.), standard
11 | US-S2-38 | Spring, orange secondary, -0.12 kPa (-0.5” w.c.), optional
12 | US-P3-14 | Plug, vapor outlet
13 | US-S1-5 | Screw, 1/4”-20 x 5/8” (2)
14 | US-G1-150* | Gasket, body to body cover plate
15 | US-P1-17799-001* | Pin, valve primary
16 | US-P2-60 | Plate, body cover
17 | US-P3-13 | Plug, 1/8” NPT, hex head
18 | US-S2-144* | Spring, primary
19 | US-R1-17931* | E ring, external
20 | US-AD1-46-5* | Diaphragm assy., primary
21 | US-C1-93 | Cover, primary
22 | US-S1-10* | Screw, 8-32 x 1” SEMS

* Included in Repair Kit