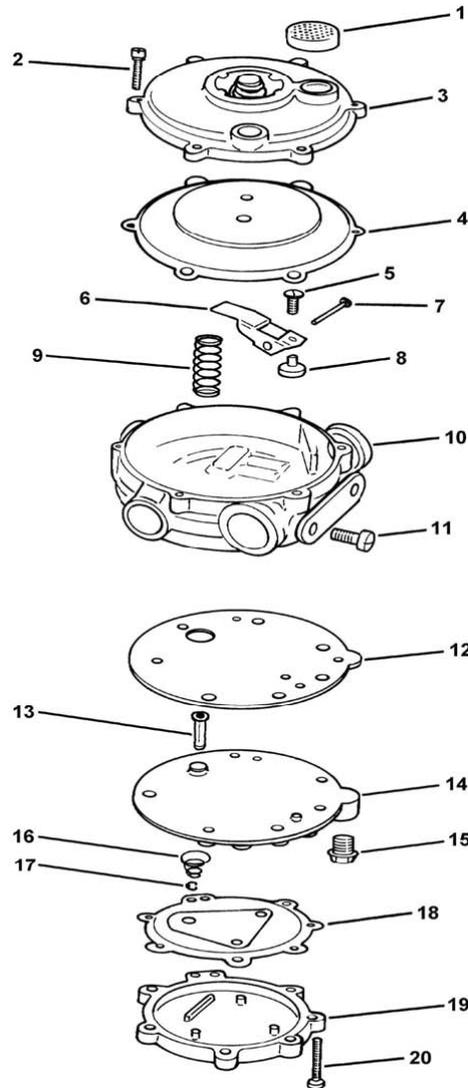


US-RK-COBRA

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
	US-C1-15830-2	Cover assy., secondary, no primer
4	US-AD1-27-5*	Diaphragm assy., secondary fluorosilicone
5	US-S1-42*	Screw, 8-32 x 3/8" SEMS
6	US-L1-37	Lever, secondary
7	US-P1-8	Pin, secondary fulcrum
8	US-S4-27*	Seat, secondary
	US-S2-35	Spring, blue secondary, -0.37 kPa (-1.5" w.c.), standard
9	US-S2-38	Spring, orange secondary, -0.12 kPa (-0.5" w.c.), optional
Not Shown	US-P3-14	Plug, vapor outlet
11	US-S1-5	Screw, 1/4"-20 x 5/8" (2)
12	US-G1-150*	Gasket, body to body cover plate
13	US-P1-17799-001*	Pin, valve primary
14	US-P2-60	Plate, body cover
15	US-P3-13	Plug, 1/8" NPT, hex head
16	US-S2-144*	Spring, primary
17	US-R1-17931*	E ring, external
18	US-AD1-46-5*	Diaphragm assy., primary
19	US-C1-93	Cover, primary
20	US-S1-10*	Screw, 8-32 x 1" SEMS



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.

* Included in Repair Kit