

Cable Length Guide

This is just a guide, and is tailored to standard cable installs with the shifter mounted in the center console area. Cable lengths will vary upon lift kits, long arm kits, and custom shifter location. Cable lengths can be determined by using a piece of fuel line, Romex or even garden hose run along the installation path. Cables are measured from end to end of outer sheath including threads (does not include the cable core). For best results use the correct length cable for your shifter location, excess cable is not optimal.

VEHICLE MODEL	LENGTH (UP TO 4" LIFT)	LENGTH (UP TO 8" LIFT)
Jeep Front Installs (TJ, YJ, JK)	78" Cable (46001-78)	84" Cable (46001-84)
Jeep Rear Installs (TJ, YJ, JK)	70" Cable (46001-70)	78" Cable (46001-78)
Cherokee Front Install (XJ)	84" Cable (46001-84)	90" Cable (46001-90)
Cherokee Rear Install (XJ)	87" Cable (46001-87)	90" Cable (46001-90)
Wagoneer Front Install (XJ)	84" Cable (46001-84)	90" Cable (46001-90)
Ford Bronco up to 1977	84" Cable (46001-84)	87" Cable (46001-87)
Ford Bronco 1978 & UP	87" Cable (46001-87)	90" Cable (46001-90)
Jeep Unlimited (4D) Rear Install (JK)**	90" Cable (46001-90)	96" Cable (46001-96)
Electric Shift Front or Rear	36" Cable (46001-36)	48" Cable (46001-48)

**shifter mounted on floor between driver door and seat

Cable Length Measuring

Figure 1 shows how a cable is measured.

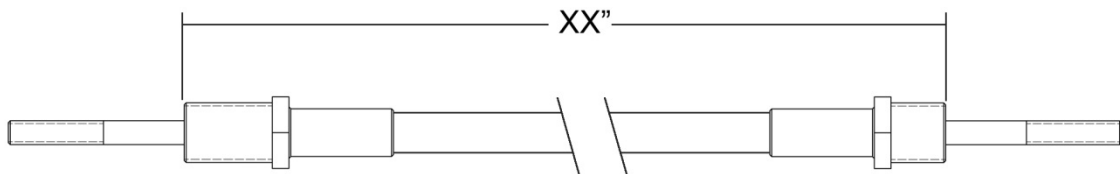


FIGURE 1

NOTE: Poor cable routing and shifter adjustment are the leading causes for an inoperative locker.

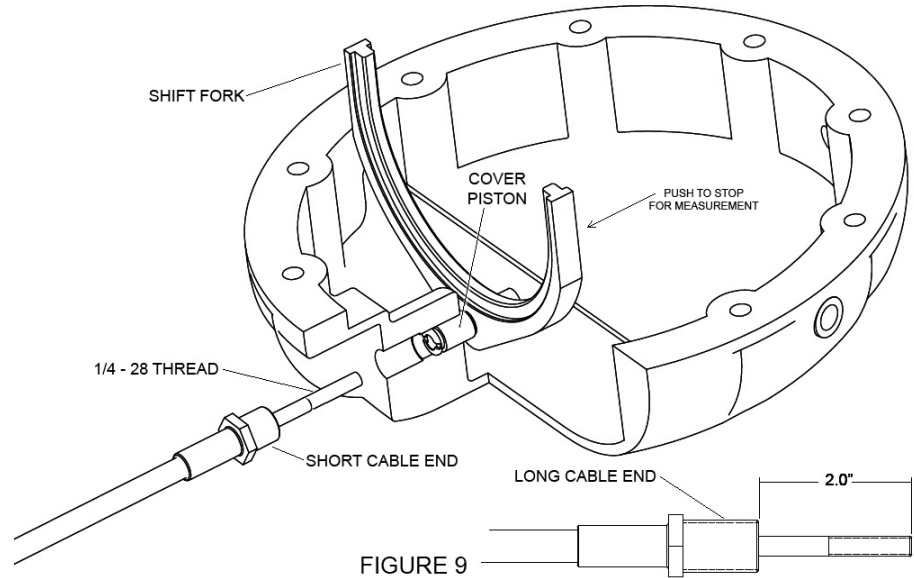
Routing Cable

Before routing the cable, look at chassis and plan a good path to follow. Keep cable away from heat sources and moving parts as much as possible. Secure cable to chassis making sure to allow for full suspension travel.

- Tips:**
- Use the shortest cable necessary to mount shifter in desired location.
 - Avoid sharp and multiple bends whenever possible.
 - Make sure suspension flex will not force cable into an undesirable position.
 - Avoid securing cable to moving parts whenever possible.
 - If high temp areas are unavoidable, use a header wrap to shield cable from heat.
 - A 7/8" hole is necessary for the cable end to fit thru (in many cases a body floor drain can be used).

Cable to Cover Installation

Place the short cable end of the cable into position and screw the core cable ($\frac{1}{4}$ -28 thread) into the cover piston about 17 turns. Next screw short cable end into cover and tighten. Now push the fork towards cable until it hits cover and stops. With fork in position firmly against cover, check and set measurement as seen in figure 9 to 2.0" by rotating cable core until proper measurement is obtained (TIP: this will be easier with the cable laid out strait).



Mounting Cable to Shifter

With cable in position use a medium strength Loctite and screw the spring piston onto cable core until the $\frac{5}{8}$ " measurement is obtained as seen in figure 11. With shifter in unlock position, loosen the swivel fitting lock screws and screw swivel fitting onto the cable end until there is no slop in shifter handle (It will be easier to tell when all slop is removed if you temporarily remove the shifter knob and trigger cup). Tighten swivel fitting lock screws. And loosely tighten jamb nut against swivel fitting.

