

Shifter / Shifter Cable replacement Instructions 7010 Carbide Fun Kart

Required Tools:

- 10mm Socket
- Side Cutters
- Safety Glasses
- 14mm Wrench



CAUTION: Wear proper eye protection to avoid potential eye injuries.

1 – Removing the old Shifter Cable

- Using side cutters, remove all tie downs holding cable to frame. (Fig 1)
- Carefully remove nut, spring and spacers holding cable to the shifter. (Fig 2)
- Remove nuts and bolts mounting shifter to frame
- Using socket wrench remove all bolts from chain cover, then remove cover. (Fig 3)
- Pull cable back to the rear of the unit.
- Loosen nut-attaching cable to gearbox. (Fig 4)
- Turn and pull cap off of gearbox with cable.

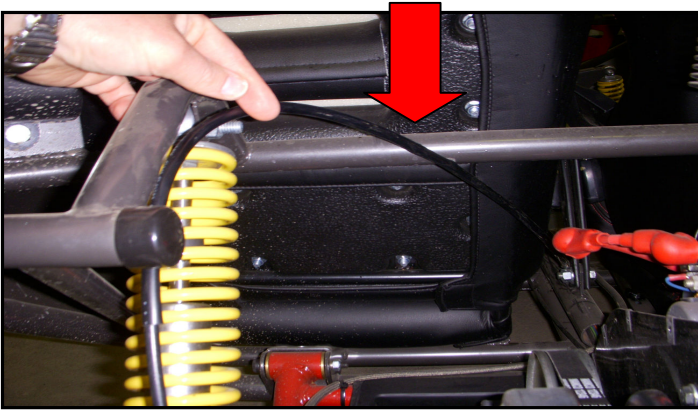


Fig 1



Fig 2



Fig 3

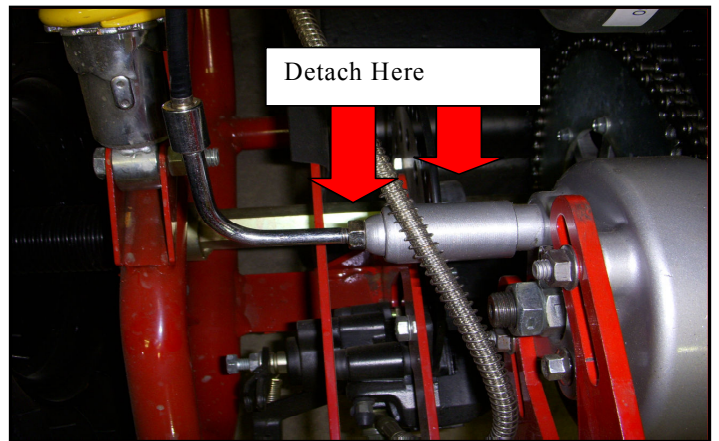


Fig 4

2. Installing new Shifter & Cable.

- A. Install new shifter Re - using existing bolts and nuts. Tighten all nuts and bolts securely.
- B. Slip Cable thru the round cap of the gearbox, screw cable $\frac{3}{4}$ way in.
- C. Slip cap and cable assembly onto gearbox making sure to get the end of cable locked into the gearbox cut out. (Fig 5)
- D. Route cable forward towards the front of the kart between both seats.
- E. Install the spring on the cable and run thru the new shifter connection. (Fig 6)
- F. Slide spacer onto cable, then install the locking nut on end of cable.
- G. With shifter in the forward position, snug up the nut at the end of the cable.
- H. Tighten the nut on the rear of the cable at the gearbox.
- I. Install cable ties to secure cable to frame

3. Adjusting the cable.

- A. Make sure you and the Unit are in an open and safe area.
- B. Start unit, with the shifter in forward, slowly press the accelerator and move a short distance.
- C. Stop, shift unit into reverse and again move a short distance.
- D. Shift unit again into forward, and shut unit off.

Some adjustments to the cable for smoother shifting of your unit may still be required.

- A. If the unit has trouble going into forward from reverse loosen the nut at the shifter end.
- B. If the unit will not go into reverse tighten the nut at the shifter end.
- C. If the unit still does not properly shift, it may require you to remove the cable off the shifter, and spin the gearbox end of the cable in or out to fine-tune the adjustments.

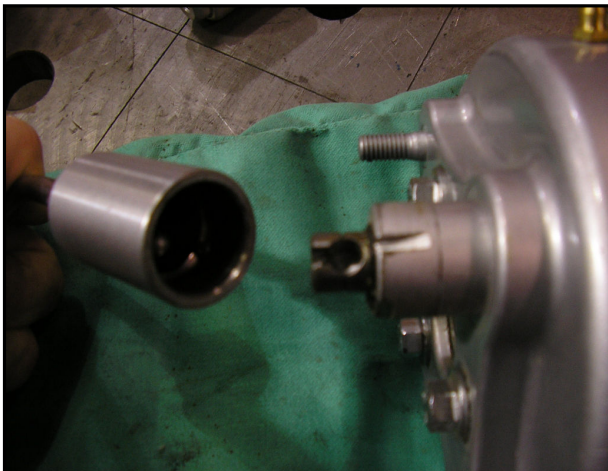


Fig 5

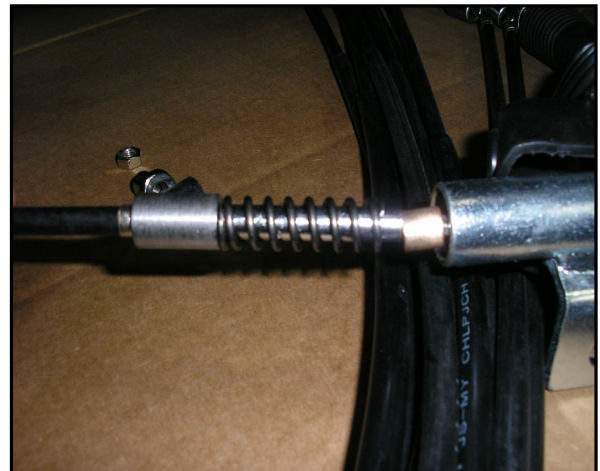


Fig 6