INSTALLATION INSTRUCTIONS
LOKAR COLUMN CABLE SHIFT LINKAGE

Part No. ACA-1804
(2” Aftermarket/Factory GM Style Column for GM Transmissions excluding Powerglide)

Part No. ACA-1805
(2¼” Aftermarket/Factory GM Style Column for GM Transmissions excluding Powerglide)

STOP! PLEASE READ ALL INSTALLATION INSTRUCTIONS BEFORE BEGINNING INSTALLATION. CALL LOKAR FOR ANY QUESTIONS OR UNCERTAINTIES DURING INSTALLATION.

WARNING: Before starting installation, set parking brake and scotch vehicle to avoid accidental movement of the vehicle. Disconnect battery cable before starting installation.

STEP 1: Remove all existing shifter linkage from steering column and transmission.

STEP 2: Install transmission shift lever on transmission using factory nut. The transmission shift lever should point down and towards the front of the vehicle. (i.e. 7:00 position) (See Photo 1)

STEP 3: Remove the two center bolts, on the drivers’ side, from the transmission oil pan. Install the cable mounting bracket with the tab towards the rear of the vehicle and pointing down using the two supplied bolts and spacers. Leave mounting bracket loose so that it can be slid front to back for final adjustment. (See Photo 1) NOTE: Some GM transmissions use metric bolts while others use standard bolts. Both metric and standard bolts have been included in this kit. Discard the two unused bolts.

STEP 4: Install the shifter cable to the cable mounting bracket from the rear of the vehicle. NOTE: You will need to remove the 10-32 nut, the two rubber boots and one of the large jam nuts and star washer prior to inserting the cable into the bracket. With the cable inserted, reinstall the hardware in the reverse order. Snug the two jam nuts by hand, but do not tighten at this time.

STEP 5: Install the transmission lever cable end stud onto the cable. Insert the 1/4-28 end into the transmission shift lever from the backside and install 1/4-28 nylock, but do not over-tighten. With transmission in park, extend the inner wire and tighten the mounting bracket bolts. The transmission lever cable end stud should move freely in the transmission shift lever. (See Photo 2)

STEP 6: Route the shifter cable to the column. NOTE: Be sure the cable is not in a bind and does not interfere with any moving parts or contact any parts that may melt cable.

STEP 7: Mount the Aluminum Column Bracket to the steering column using the two supplied 1/4-20x1/2 cap screws but do not tighten at this time. NOTE: You will need to decide on the appropriate angle according to your application. Some after market columns have an adjustable shift linkage lever. This allows for several mounting angles.

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STEP 8: Install the 3/8-24 cable mounting stud into the Aluminum Cable Bracket from the bottom and install 3/8-24 nylock, but do not over-tighten. The cable mounting stud should move freely in the Aluminum Cable Bracket. (See Photo 3)

STEP 9: Install the shifter cable to the Aluminum cable mounting bracket. NOTE: You will need to remove the 10-32 nut, the two rubber boots and one of the large jam nuts and star washer prior to inserting the cable into the bracket. With the cable inserted reinstall the hardware in the reverse order. Snug the two jam nuts by hand, but do not tighten at this time.

NOTE: If you are using a factory 2" GM column you may need to install the column cable adapter. (If you have purchased the 2 1/4” kit (ACA-1805) this bracket is not included and you should omit this section.) This is done by locating the bracket on the factory shift linkage lever according to the notch in the bracket and drilling two holes through the factory shift linkage lever to match the two holes in the column cable adapter. Install the column cable adapter using the two supplied 1/4-28 bolts and nuts. This bracket can be installed in either direction according to your application. (See Photo 3) If your application permits, you may be able to use the factory shift linkage lever. If this is true, there is no need to install the column cable adapter.

STEP 10: Install the column lever cable end stud onto the cable using the supplied bushings and washers. Be sure to check that the transmission is in park and the shifter is in park at this time. Insert the 5/16-24 end into the shift linkage lever from the top and install 5/16-24 nylock but do not over-tighten. If you are using a factory GM column, you will need to decide which hole in the column cable adapter will best suit your application. The column lever cable end stud should move freely in the shift linkage lever. (See Photo 4) NOTE: Some older Flaming River Columns will require that you drill out the shift linkage lever to fit the bushings. The new hole dimension should be .6125 (5/8”).

STEP 11: With both ends of the shifter cable installed, tighten all nuts and bolts. Check for proper operation. If adjustments are necessary, they can be made in several places. For coarse adjustments, you will need to loosen the jam nuts on the shifter cable and move to desired adjustment. For fine adjustments, you will need to adjust the two cable end studs. NOTE: These adjustments will be necessary in order to make a column shift indicator work correctly.

STEP 12: Once all adjustments have been made, check that everything works properly and that the shifter cable and any of its components do not interfere with other working parts to complete installation.

NOTE: If you used the column cable adapter you can now cut off any excess material that is not used.
INSTALLATION PHOTOS
Part No. ACA-1804 and Part No. ACA-1805

Photo 1

Photo 2

Photo 3

Photo 4

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