



QUALITY... PLAIN & SIMPLE®

INSTALLATION INSTRUCTIONS LOKAR DIRECT FIT BRAKE AND CLUTCH PEDAL ARMS

PART NOS:

BCA-9500, BCA-9501, BCA-9502, BCA-9503
XBCA-9500, XBCA-9501, XBCA-9502, XBCA-9503

WARNING: *Disconnect battery before beginning installation. Make sure vehicle is in Park. Before making adjustments and taking shifter out of gear, be sure that the vehicle's parking brake is set and scotched to avoid movement of the vehicle.*

STOP! *Please read all installation instructions before beginning installation. Call Lokar with any questions or uncertainties during the installation.*

KUGEL 90 DEGREE BRAKE PEDAL ASSEMBLY

STEP 1 *Removing existing pedal arm.* Remove the rod end from the existing pedal arm that is attached to the master cylinder bell crank assembly. **Photo1** Remove the bolt that attaches the existing pedal arm to the bracket assembly and slide out the steel axle and pedal arm together.

STEP 2 *Check the fit of the steel axle in the Lokar brake pedal arm.* Slide the steel axle into the bronze bushing; it must fit smooth with no tight spots. If the axle does not fit through smoothly it may require some sanding of the axle or a slight hone of the bushing. The bushing is pre-honed and should fit with no modification.

STEP 3 *Installing the Lokar aluminum brake pedal arm.* Lubricate the steel axle and insert it into the brake pedal arm. Install one ½" delrin spacer on each side of the brake pedal arm. Slide the brake arm pedal assembly up into the bracket assembly and reinstall the bolt. **Photo2** Check the brake pedal movement, it should move back and forth smoothly.

STEP 4 Reinstall the rod end to the Lokar brake pedal arm using the supplied 3/8-16 x 1 3/4" bolt. Before tightening the bolt adjust the brake pedal to the desired height. This can be done by adjusting the length of the rod end. Tighten the bolt after the adjustment is finished.

STEP 5 **Adjust the brake light switch.** Loosen the two jam nuts on the brake light switch. Turn the switch in or out. Make sure the brake lights are not on with the brake pedal arm in the rest position.

KUGEL 90 DEGREE BRAKE AND CLUTCH PEDAL ASSEMBLY PEDAL ASSEMBLY

STEP 1 **Removing existing pedal arms.** Remove the rod ends from the existing pedal arms that are attached to the master cylinder bell crank assembly and the one connected to the clutch cylinder push rod. **Photo 1** Remove the two bolts that attach the existing pedal arms to the bracket assembly and slide out the steel axle and pedal arms. Remove the existing brake light switch and tab (if applicable)

STEP 2 **Check the fit of the steel axle in the Lokar brake and clutch pedal arms.** Slide the steel axle into the bronze bushing; it must fit smooth with no tight spots. If the axle does not fit through both arms smoothly it may require some sanding of the axle or a slight hone of the bushings. These bushings are pre-honed and should fit with no modification.

STEP 3 **Install the Lokar aluminum brake and clutch pedal arms.** Lubricate the steel axle and insert it into the Lokar brake and clutch pedal arms. Install the Long (1 3/16") delrin spacer between the brake and clutch arm. Install the Small (1/8") delrin spacer between the brake pedal arm and right side of the bracket assembly and install the medium (15/16") spacer between the clutch pedal arm and the left side of the bracket assembly. Slide the brake and clutch pedal assembly up into the bracket assembly and reinstall and tighten the bolts. **Photo 3** Check the brake and clutch pedal movement; it should move back and forth smoothly.

STEP 4 Reinstall the rod end to the Lokar **brake pedal arm** using the supplied 3/8-16 X 1 3/4" nut and bolt. Before tightening the bolt, adjust the pedal to the desired height. This can be done by adjusting the length of the rod end. Tighten the bolt after the adjustment is finished. Reinstall the rod end to the Lokar **clutch pedal arm** using the supplied 5/16-18 X 1 1/2" nut and bolt. Before tightening the bolt adjust the pedal to the desired height. This can be done by adjusting the length of the rod end. Tighten the bolt after the adjustment is finished. **Photo 4**

STEP 5 **Install the supplied brake light switch tab.** The tab mounts in the same location as the switch that was removed. Adjust the brake light switch. Loosen the two jam nuts on the brake light switch turn the switch in or out. Make sure the brake lights are not on with the brake pedal arm in the rest position.

INSTALLATION PHOTOS



PHOTO 1



PHOTO 2

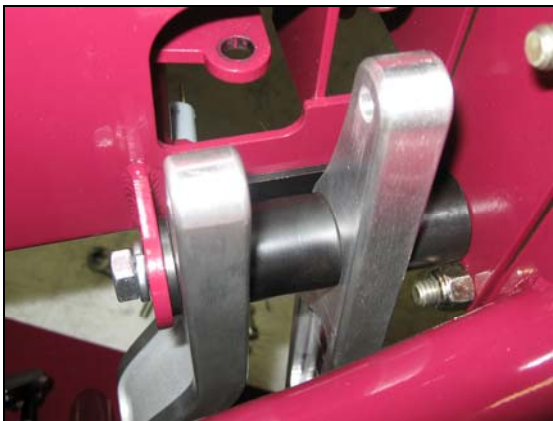


PHOTO 3



PHOTO 4

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