



## INSTALLATION INSTRUCTIONS K MODEL STOMP GRATE

**CAREFULLY READ ALL THE INSTRUCTIONS BEFORE STARTING THIS INSTALLATION**

KIT INCLUDES: (1) STOMP GRATE, (1) PEDAL, (2) PUSH RODS, (2) SPRINGS, (1) GUIDE BAR,  
(2) 1/2" SAE SS WASHERS.

REMOVE THE 3 FLAT HEAD CAP SCREWS HOLDING THE FACTORY ROCK GRATE IN PLACE AND DISCARD THEM, THEN REMOVE THE FACTORY ROCK GRATE. INSTALL THE STOMP GRATE CENTERING IT INTO THE FRONT SHOE, AND CENTERING THE RIDE PLATE IN THE REAR. LIGHTLY CLAMP REAR OF THE STOMP GRATE IN PLACE AND DRIVE THE STOMP GRATE FORWARD FIRMLY INTO THE SHOE SOCKET USING A DEADBLOW HAMMER (OR EQUIVALENT), THEN CLAMP TIGHTLY. DRILL THREE 5/16" HOLES IN THE INTAKE USING THE HOLES IN THE RIDE PLATE TO LOCATE THE POSITION OF THE THREE HOLES. USE THE THREE SUPPLIED BOLTS AND NUTS TO HOLD THE STOMP GRATE IN POSITION, APPLY A THIN LAYER OF RTV SILICONE OR AN EQUIVILANT PRODUCT TO EACH BOLT BEFORE INSTALLING.

LOCATE THE GUIDE BAR BY CENTERING IT ON THE SWIM PLATFORM. FOR CLEARANCE BE SURE TO SET THE HOLES BACK FROM THE TRANSOM, BE CAREFUL NOT EXCED THE RANGE OF THE ROLLER BUSHINGS LOCATED IN THE GUIDE BAR. DRILL TWO 5/16" HOLES FOR THE GUIDE BAR MOUNTING BOLTS. AT THIS TIME MARK AND DRILL TWO 7/8" HOLES FOR THE PUSH RODS. IT MAY BE NECESSARY TO CUT THE GUIDE BAR TO ALLOW CLEARANCE FOR SWIM PLATFORM BRACING. IF YOU NEED TO CUT THE GUIDE BAR THERE ARE TWO FELT TIP MARKS ON THE TOP OF THE GUIDE BAR INDICATING WHERE YOU NEED TO MAKE YOUR CUTS. AFTER YOU HAVE CUT THE GUIDE BAR INTO TWO PIECE, DRESS THE EDGES SO THAT ALL SHARP EDEGES ARE ELEMENATED. NEXT LOCATE THE CENTER PUNCH POINTS CLOSEST TO THE CUT YOU MADE ON EACH OF THE TWO PIECES AND DRILL A 5/16" HOLE IN EACH POSITION TO ACCOMIDATE A SECOND SET OF GUIDE BAR MOUNTING BOLTS (SUPPLIED WITH THE KIT). THESE ADDITIONAL BOLTS WILL STABALIZE THE PIECES, AND INSURE THAT THE ORIGINAL GEOMETRY IS NOT LOST.

WITH THE GRATE IN THE UP POSITION, PLACE THE PUSH RODS *UP* INTO THE GUIDE BAR THROUGH THE HOLES IN THE SWIM PLATFORM PLACING THE END INTO THE RIDE PLATE ARMS FROM OUTSIDE. PLACE THE 1/2" SS SAE WASHER OVER THE END. FEED THE TAIL OF THE SPRING INTO THE HOLE TO CAPTURE THE SPRING. AT THIS TIME CHECK THE STROKE TO MAKE SURE IT IS 7 TO 8" WITH THE PEDAL IN PLACE. EVENLY TRIM THE PUSH RODS IF REQUIRED TO ACHEIVE THE PROPER STROKE.

PLACE THE LOOPED END OF THE SPRING OVER THE CARRIAGE BOLT ON GUIDE BAR AND TIGHTEN. AT THE BOTTOM, PRELOAD THE SPRINGS 1" ON BOTH SIDES. CUT AND WRAP THE END OF THE SPRING, THE WRAPED SPRING IS USED AS A KEEPER.

PLACE PEDAL ON PUSH RODS. USE RTV SILICONE OR EQUIVALENT ON THE PEDAL SET SCREWS, BEGINNING WITH THE LOWER ONE FIRST.

**All welds and joints need be checked annually for cracks caused by vibration and harmonics to avoid impeller damage**

**REMINDER: SAFETY IS IMPORTANT WHEN WORKING UNDER AND AROUND A BOAT.**