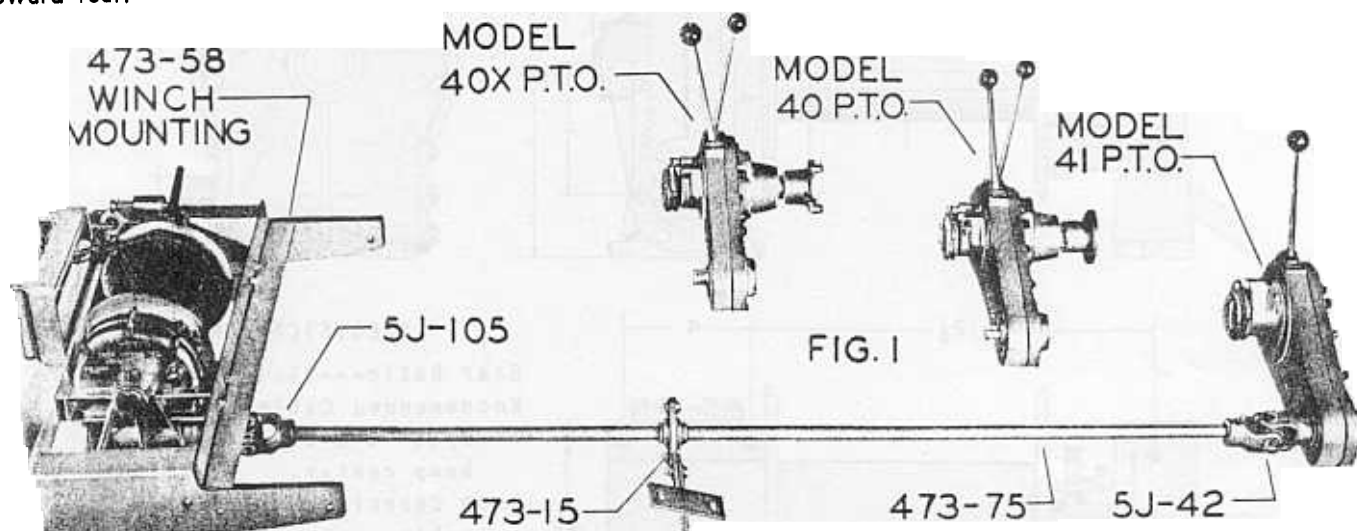
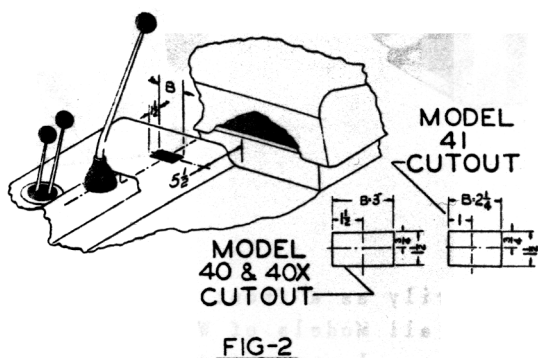


## INSTALLATION INSTRUCTIONS FOR KING WINCH MODELS 841RT, 840RT AND 840X FOR WILLYS 4x4 TRUCK — 4x4 UTILITY WAGON — 4x4 UTILITY DELIVERY

All three of these winch models are identical EXCEPT THE POWER TAKE-OFF. Model 841RT uses Model 41 P.T.O. which provides power to the WINCH ONLY. Model 840RT uses Model 40 P.T.O. which provides power to the winch as well as power for other equipment — this P.T.O. has flange-type coupling toward rear. Model 840X uses Model 40X P.T.O. which provides power to the winch as well as power for other equipment — this P.T.O. has Spicer Yoke (Willys #908437) toward rear.



1. Uncrate the winch assembly and check all parts according to assembly parts list.
2. Remove the front bumper.
3. While it is not absolutely necessary, it is advised to remove the bottom horizontal grille bar of the vehicle grille. This will provide additional clearance for the winch cable. This horizontal grille bar must be removed when the winch assembly has a cable drum guard.
4. Remove the power take-off lever hole cover in vehicle floor. On vehicles that do not have this opening in the floor, an opening must be cut with a sharp chisel or acetylene torch according to Fig. 2.
5. Remove the power take-off opening cover plate from the transfer case.
6. Remove the power take-off shift lever or levers (1 for Model 841RT or 2 for Models 840RT and 840X) by removing the four WO48-238 screw, lift the lever assembly from the power take-off.
7. Remove the 5 WO48-234 plugs from the power take-off (These are standard square head  $\frac{3}{8}$ " pipe plugs).
8. Place the WO48-218 gasket in place on the power take-off. This gasket can easily be held in place by first applying a small amount of gasket cement on the power take-off behind this gasket.
9. Place the power take-off in position.
10. The power take-off is bolted to the transfer case by 5  $\frac{3}{8}$ "x1" Allen Head cap screws with Hi-collar washers (parts No. WO48-245 and WO48-248). Be sure to start all 5 cap screws before tightening any of them. It is advised to use a  $\frac{5}{16}$ " hexagon drive approximately 3" long and a speed wrench with universal joint to install these 5 cap screws. Care should be taken not to drop one of these cap screws and/or washers in the power take-off housing as it would probably require completely dis-assembling the power take-off in order to remove these parts.
11. After the 5 WO48-245 cap screws have been securely tightened, reinstall the power take-off shift lever or levers.
12. Replace and tighten the 5 WO48-234 plugs.



**KING IRON WORKS, inc.**