

INSTALLATION ASSEMBLY PARTS FOR KING WINCH MODELS 841RT, 840RT AND 840X

| PART No. | DESCRIPTION | PART No. | DESCRIPTION |
|----------|--|----------|---|
| 473-15 | Bearing and bracket | WO48-218 | P.T.O. gasket |
| 473-58 | Winch mounting | 15312 | 5/16" cable 150' long |
| 473-75 | Drive shaft | | Model 41 P.T.O. with 841RT installation |
| 5J-42 | Rear universal joint (7/8"-1/4" KW x 1"-1/4" KW) | | Model 40 P.T.O. with 840RT installation |
| 5J-105 | Front universal joint (7/8"-1/4" KW x 7/8"-3/16" KW)* | | Model 40X P.T.O. with 840X installation |

473-8 Bag of Bolts — Containing the following:

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|-------------------|-------------------------|-------------------|-------------------------|
| 4 - 7/16 x 1 1/2" | N. F. Cap Screws | 4 - 7/16" | N. F. Nuts |
| 2 - 3/8" x 1" | N. F. Cap Screws | 2 - 3/8" | N. F. Nuts |
| 5 - 3/8" x 1" | N. C. Socket Cap Screws | 4 - 3/8" x 3/8" | N. C. Socket Set Screws |
| 5 - 3/8" | Hi-Collar Lock Washers | 2 - #15 1/4" x 1" | Woodruff Keys |
| 4 - 7/16" | Lock Washers | 1 - WO48-208 | Knob for 841RT |
| 2 - 3/8" | Lock Washers | 2 - WO48-208 | Knobs for 840RT or 840X |
| 2 - 3/8" | Flat Washers | | |

OPERATING INSTRUCTIONS FOR KING WINCH MODELS 841RT, 840RT & 840X FOR WILLYS 4x4 TRUCKS, 4x4 UTILITY WAGONS AND 4x4 UTILITY DELIVERY

- When the winch is to be used for the first time, be sure that the drum clutch lever, Part No. 199, is up, which assures the clutch being disengaged from the drum. Then pull the cable out and attach to whatever object is to be raised or is to be used as an anchor for pulling the truck. Pull out the No. 197 pin which will release the No. 199 lever, thereby engaging the clutch with the drum. Should the clutch not fully engage, slightly rotate the drum by hand until the pins enter the slots in the drum clutch.
- The rest of the operation of this winch is done from the cab of the truck. Place the transfer case shifter into neutral. Then the regular gear shift lever of the transmission and the truck clutch are used to operate the winch. Use the low gear of the transmission for winching as much as possible. To reverse the winch or lower the load, simply place the transmission shifter in reverse position and release the truck clutch.
- In case the winch is a Model 840RT or 840X using our Model 40 or 40X power take-off, first engage the right-hand power take-off lever. This will engage the power take-off to the transfer case and will rotate the rear coupling on the power take-off, thereby driving whatever mechanism is used on the rear of the truck without rotating the winch mechanism. Next engage the left-hand lever on the power take-off and release the truck clutch which will put the winch in operation.
- In case the winch model is our 841RT using the Model 41 power take-off, merely engage the only lever on this power take-off and release the engine clutch.
- When it is desirable to stop the winch when in either forward or reverse, merely depress the truck clutch and move the transmission shifter lever to neutral.
- Whenever the winch is not in use and the cable is wound completely on the drum, BE SURE that the drum clutch is disengaged by moving the drum clutch (Part 199) lever to an up position. Also when the winch is not to be used, disengage the power take-off.

Koenig IRON WORKS, inc.