

OPERATION AND MAINTENANCE INSTRUCTIONS

RAMSEY POWER TAKE OFF DRIVEN WINCHES FOR JEEP VEHICLES

OPERATION

1. Throw out drive to back wheels. Start engine, disengage clutch, and move power take off lever to "in" position. Place gear shift lever in reverse, and engage clutch to back off winch cable about a foot. Shift power take off lever to "out" position.
2. Shift clutch on winch to "out" position which will free spool drum and allow cable to be unwound by hand. Secure hook to the object to be pulled, and then shift clutch on winch to "in" position. Always shift clutch all the way in or out to avoid damage to the jaws.
3. Get back in the cab and start engine, then shift power take off lever to "in" position with clutch disengaged. With clutch disengaged, shift gear shift lever to low, second, or high, as desired, or reverse. The winch can be operated with the wheels disengaged, if desired.
4. When winching operation is completed, wind cable on drum and secure the hook on the end of the bumper, or on the under side of the bumper. Then tighten the cable carefully under power, and leave the clutch on the winch engaged to prevent the cable from unwinding while operating the vehicle on the highway.
5. Greater power can be obtained by use of two snatch blocks, so that a double line is used.

MAINTENANCE:

1. The gear housing of the winch should be kept filled to the level of the SIDE PLUG with SAE #140 or #90 all purpose gear oil. This is an oil used in transmissions. The gear housing should never be filled completely full of oil, and no grease of any type should be used in the gear housing. The chain case on the power take off should be filled with the same oil to the level of the plug. Oil in gear housing and chain case should be changed each six months.
2. Lubricate grease fittings on clutch housing of winch, and on universal joints, each time the vehicle is greased.
3. Cable can be greased to prevent rust but it is rather dirty to work with when greased. Other types of rust preventatives may be obtained from industrial supply houses that are cleaner.