

INSTALLATION INSTRUCTIONS FOR ORIGINAL KIT #295029 JEEP CJ-5 & CJ-7

NOTICE

Ramsey kits are designed for use with Ramsey Winches only.
Use or sales of kits for other winches or applications voids warranty.

WARNING!

SUBSTITUTION OF ATTACHING HARDWARE ITEMS (BOLTS, NUTS, OR WASHERS) DIFFERENT FROM THOSE SUPPLIED WITH YOUR WINCH MOUNTING KIT CAN LEAD TO FAILURE CAUSING DAMAGE OR SERIOUS INJURY.

READ AND UNDERSTAND WINCH OWNER'S MANUAL BEFORE INSTALLATION AND OPERATION OF WINCH. SEE SAFETY PRECAUTIONS.

IMPORTANT NOTES!

1. RIGHT AND LEFT HAND DIRECTIONS AS IF SEATED BEHIND STEERING WHEEL.
2. DO NOT ATTACH TOW HOOK TO ANY PART OF MOUNTING KIT.
3. ALL FASTENING HARDWARE MUST BE LOOSELY ASSEMBLED UNTIL DIRECTED TO TIGHTEN.



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INSTALLATION INSTRUCTIONS KIT 295029
FOR 1970 THRU 1984 JEEP CJ-5 & CJ-7

A. REMOVE VEHICLE BUMPER

B. MOUNTING KIT TO WINCH-ASSEMBLY

1. Attach front mounting angle (item #2) to winch assembly using (1) 3/8-16NC x 3/4 Hx. Hd. capscrew with lockwasher, (2) 3/8-16NC x 1" flat Soc. Hd. capscrews and (1) 3/8-16NC x 1 Hx. Hd. capscrew with lockwashers.
2. Remove shipping strap from winch assembly. Bolt rear mounting angle (item #3) to winch using (1) 3/8-16NC x 5/8 Hx. Soc. Hd. capscrew and (3) 3/8-16NC x 1 Hx. Hd. capscrews with lockwashers.
3. R.H. side mounting bracket (item #4) should be bolted to right side of front and rear mounting angle with (2) 3/8-16NC x 1 Hx. Hd. capscrews using lockwashers and nuts.

TIGHTEN ALL BOLTS TO PROPER TORQUE VALUE (See torque value chart)

C. ATTACHING MOUNTING KIT AND WINCH TO VEHICLE

1. Bolt L.H. side mounting bracket (item #5) to outside of vehicle's left side rail with (1) 3/4-10NC x 1-1/2 Hx. Hd. capscrew, lockwasher, flatwasher and nut.

On 1976 thru 1981 models a spacer (item #6) is placed in vehicle frame. (1) 1/2-13NC x 3-1/2 Hx. Hd. capscrew, with flatwasher, lockwasher and nut, is required thru (item #5) side bracket and (item #6) spacer. See diagram for hardware used on 1970 thru 1975 model Jeeps

2. Lift winch with brackets attached and fasten R.H. side mounting bracket (item #4) to vehicle's right side rail in the same fashion as L.H. side.
3. Attach (items #2 & #3) mounting angle to L.H. side mounting bracket (item #5) with (2) 3/8-16NC x 1 Hx. Hd. capscrews, lockwashers and nuts. **TIGHTEN ALL BOLTS TO PROPER TORQUE VALUE.** (See torque value chart)
4. Attach bumper bracket (item #1) to R.H. & L.H. side mounting bracket (items #5 & #6) with (2) 1/2-13NC x 1 Hx. Hd. capscrews, lockwashers, and nuts each side.
5. Remount vehicle bumper to both (item #1) bumper brackets using (4) 3/8-16NC x 1-1/4 Hx. Hd. capscrews with flatwashers, lockwashers and nuts. See Diagram

6. Mount turn-lights (item #9) to (items #4 & #5) side mounting brackets. Disconnect vehicle turn-lights. Attach wire harness and route thru vehicle light well and out to turn lights.
7. Attach roller fairlead to underside of front mounting angle. Drill holes in fairlead as shown in diagram. Use (2) 3/8-16NC x 1-1/4 thru (2) outer-most holes and (2) flex-loc nuts (item #31) to secure fairlead to angle. Tighten Hardware Securely.

D. BATTERY CABLES AND REMOTE CONTROL SWITCH

1. **Refer to winch Owner's Manual Installation Instructions for electrical connections** . Route free end of battery cables up to vehicle battery and secure. BE SURE BATTERY CABLES ARE NOT ON ANY SHARP EDGES OR IN THE WAY OF FAN BLADES, WHICH COULD POSSIBLE CUT THEM.
2. Remove covers from breather plugs.
3. Plug remote switch into receptacle on black solenoid cover of winch. DO NOT LEAVE REMOTE SWITCH PLUGGED IN WHEN WINCH IS NOT IN USE.
4. Run winch forward and reverse to check connections. A cut-off, or safety switch should be installed between the battery and the winch. Ramsey Safety Switch Kits are available for 12 volt and 24 volt applications).

E. WINCH CABLE

1. Unwind cable by rolling it along floor.
2. Place end of cable, opposite hook, through fairlead, under drum and into hole in drum.
3. Secure cable to drum with setscrew.
4. Wind cable, using winch power, under drum in even layers. Refer to Winch Owner's Manual.

| SIZE | TORQUE VALUE CHART | |
|---------|--------------------|-----|
| | TORQUE FT.LB. | NM |
| 3/8-16 | 34 | 46 |
| 1/2-13 | 74 | 100 |
| 9/16-12 | 95 | 130 |
| 3/4-10 | 250 | 340 |

**PARTS LIST FOR WINCH MTG. KIT 295029
1970 THRU 1984 JEEP CJ'S**

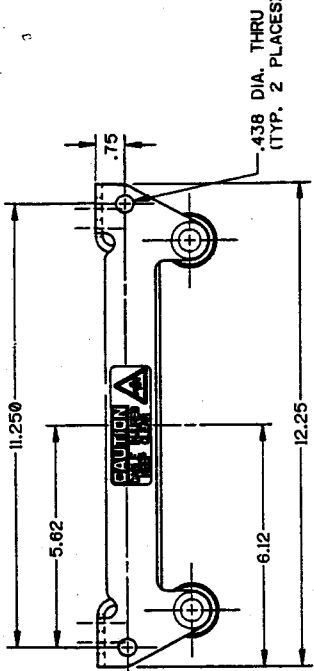
| <u>ITEM</u> | <u>QTY.</u> | <u>PART NO.</u> | <u>DESCRIPTION</u> |
|-------------|-------------|-----------------|--|
| 1 | 2 | 243031 | BUMPER BRACKET |
| 2 | 1 | 299625 | MTG. ANGLE ASSEMBLY - FRONT |
| 3 | 1 | 299626 | MTG. ANGLE ASSEMBLY - REAR |
| 4 | 1 | 312295 | SIDE MTG. BRACKET - R.H. |
| 5 | 1 | 312296 | SIDE MTG. BRACKET - L.H. |
| 6 | 2 | 362175 | SPACER |
| 7 | 2 | 362192 | SPACER |
| 8 | 2 | 440074 | WIRE HARNESS |
| 9 | 2 | 440124 | TURN LIGHTS |
| 11 | 8 | 414310 | CAPSCREW 3/8-16NC X 1 HX. HD. Z/P |
| 12 | 4 | 414311 | CAPSCREW 3/8-16NC X 1-1/4 HX. HD. Z/P |
| 13 | 2 | 414545 | CAPSCREW 1/2-13NC X 3-1/2 HX. HD. Z/P |
| 14 | 4 | 414580 | CAPSCREW 1/2-13NC X 1 HX. HD. Z/P |
| 15 | 2 | 414628 | CAPSCREW 9/16-12NC X 1-1/2 HX. HD. Z/P |
| 16 | 2 | 414765 | CAPSCREW 3/4-10NC X 1-1/2 HX. HD. Z/P |
| 19 | 12 | 418035 | NUT 3/8-16NC HX. REG. Z/P |
| 20 | 6 | 418069 | NUT 1/2-13NC HX. REG. Z/P |
| 21 | 2 | 418075 | NUT 9/16-12NC HX. REG. Z/P |
| 22 | 2 | 418099 | NUT 3/4-10NC HX. REG. Z/P |
| 23 | 12 | 418177 | LOCKWASHER 3/8 MED. SECTION Z/P |
| 24 | 4 | 418181 | WASHER 3/8 SAE FLAT Z/P |
| 25 | 6 | 418218 | LOCKWASHER 1/2 MED. SECTION Z/P |
| 26 | 2 | 418223 | WASHER 1/2 USS FLAT Z/P |
| 27 | 2 | 418232 | LOCKWASHER 9/16 MED. SECTION Z/P |
| 28 | 2 | 418233 | WASHER 9/16 USS FLAT Z/P |
| 29 | 2 | 418249 | LOCKWASHER 3/4 MED. SECTION Z/P |
| 30 | 2 | 418251 | WASHER 3/4 SAE FLAT Z/P |

WINCH MTG. BOLTS

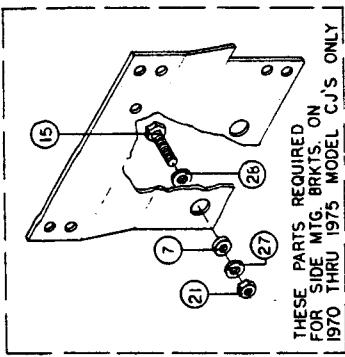
| | | | |
|----|---|--------|--|
| 10 | 1 | 414309 | CAPSCREW 3/8-16NC X 3/4 HX. HD. Z/P |
| 11 | 4 | 414310 | CAPSCREW 3/8-16NC X 1 HX. HD. Z/P |
| 17 | 1 | 414912 | CAPSCREW 3/8-16NC X 5/8 HX. SOC. HD. Z/P |
| 18 | 2 | 414904 | SCREW 3/8-16NC X 1 FLAT SOC. HD. BLACK |
| 23 | 5 | 418177 | LOCKWASHER 3/8 MED. SECTION Z/P |

FAIRLEAD BOLTS

| | | | |
|----|---|--------|---------------------------------------|
| 10 | 2 | 414309 | CAPSCREW 3/8-16NC X 3/4 HX. HD. Z/P |
| 12 | 2 | 414311 | CAPSCREW 3/8-16NC X 1-1/4 HX. HD. Z/P |
| 31 | 2 | 418044 | NUT-FLEX-LOC 3/8-16NC HX. REG. Z/P |



ROLLER FRAME MODIFICATION
 DRILL HOLES AS SHOWN, BEFORE MOUNTING
 ROLLER FRAME TO KIT MOUNTING ANGLE



THESE PARTS REQUIRED FOR SIDE MITG. BRKTS. ON 1970 THRU 1975 MODEL C.J.'S ONLY

