



# INSTALLATION INSTRUCTIONS

WINCH MOUNTING KIT NO. 21390

FOR JEEP YJ

## PARTS LIST

PART NO.	QUANTITY	DESCRIPTION
13588	1	BRACKET, WINCH
21391	1	BRACKET RH.
21392	1	BRACKET LH.
13557	1	BRACKET, SOLENOID.

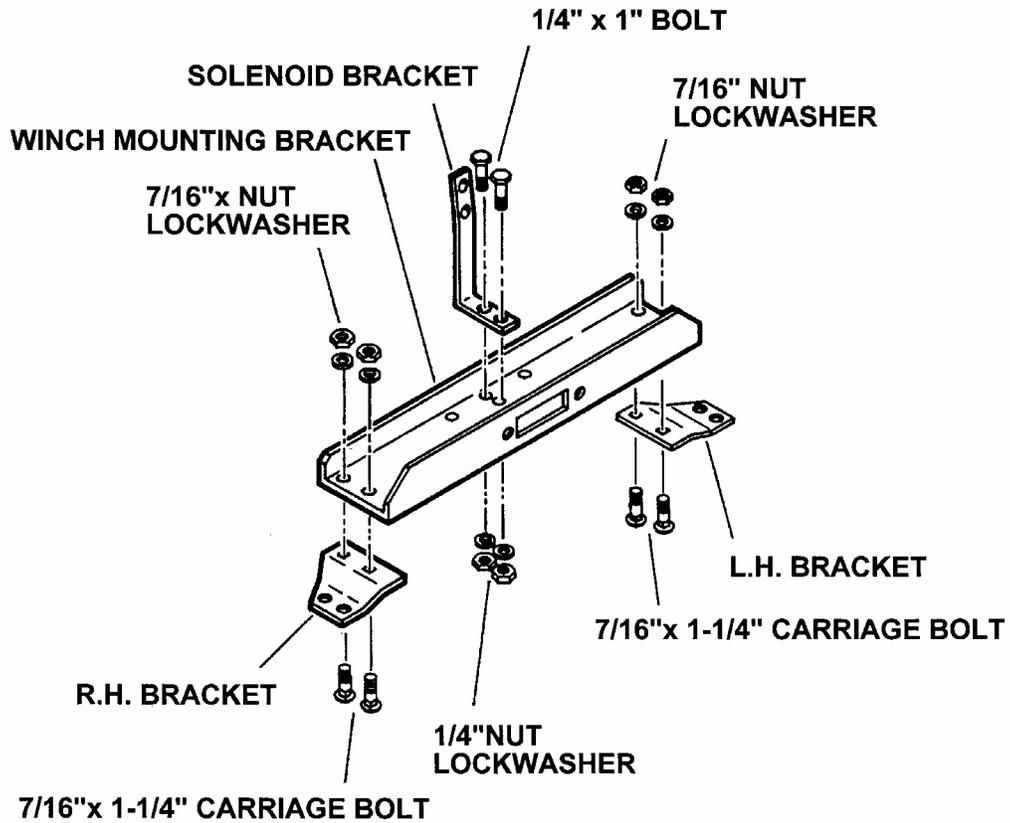
## TORQUE SPECIFICATIONS

BOLT SIZE	TORQUE
1/4"	8 ft. lb.(10.8 N-m)
3/8"	30 ft. lb. (40.7 N-m)
7/16"	50 ft. lb.( 67.8 N-m)
1/2"	75 ft. lb.(101.7 N-m)

**NOTE:** Follow the instructions step by step for fastest installation. Do not securely tighten fasteners until directed to do so.

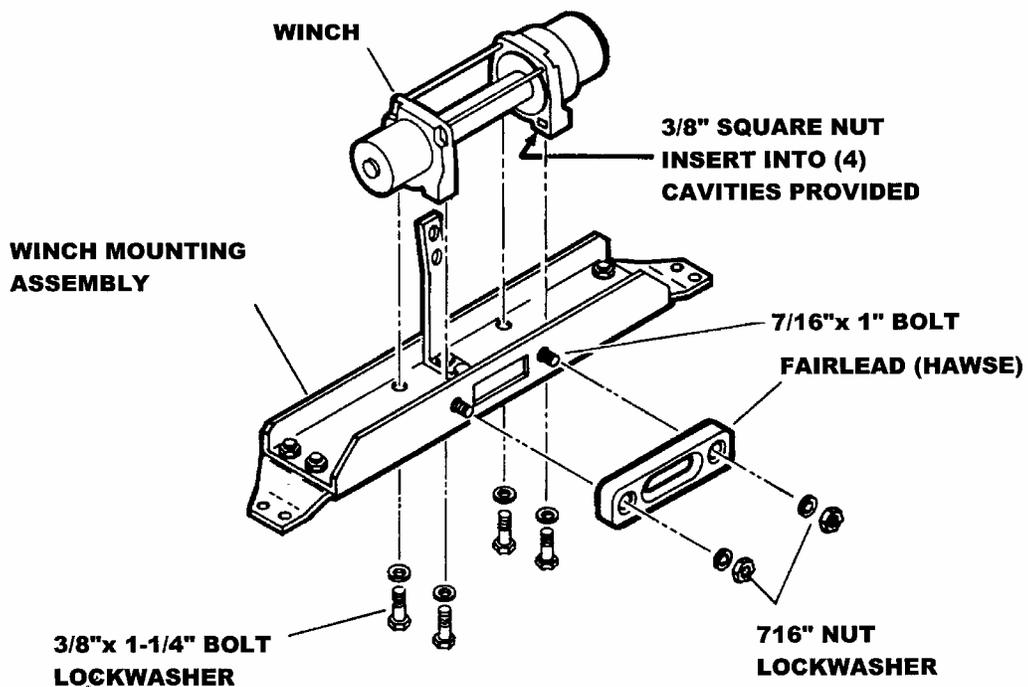
1. Install the right and left hand brackets onto the winch mounting bracket. **See Figure 1** Lightly tighten fasteners. Install the solenoid bracket onto the winch mounting bracket. **See Figure 1** Tighten solenoid bracket fasteners to proper torque specification.

**FIGURE 1**



2. Mount fairlead as shown in Figure 2. Install the winch and solenoid pack and complete the electrical connections as described in the winch installation instructions. Tighten fasteners to proper torque specification.

**FIGURE 2**



3. Remove the plastic panel that covers vehicle frame directly in front of the grille.
4. Remove the two factory bolts that attach the *bumper* to the top of the frame. **as shown in Figure 3**
5. Install the complete assembly onto the vehicle **as shown in Figure 3**. Tighten fasteners to proper torque spec.

**FIGURE 3**

