# B WIRE BLOCK

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## 1. GENERAL

**1.01** This section describes the B Wire Block and illustrates the two models which have been furnished. It also provides a list of replacement parts available, and prescribes field maintenance which should be performed.

## 2. DESCRIPTION

**2.01** The B Wire Block consists of a sheave mounted in a steel U-shaped bracket attached by means of a swivel to a formed steel frame of 1/2-inch round steel. The sheave is made with aluminum side plates and a neoprene center mounted on a steel pin axle. The pin is held in place by a neoprene O-ring forced through one hole of the bracket.

**2.02** Fig. 1 illustrates the block in its original design where the steel pin axle has a hex head and a wire bail for pulling it out. Fig. 2 illustrates the revised block where the steel pin axle has an enlarged round head.

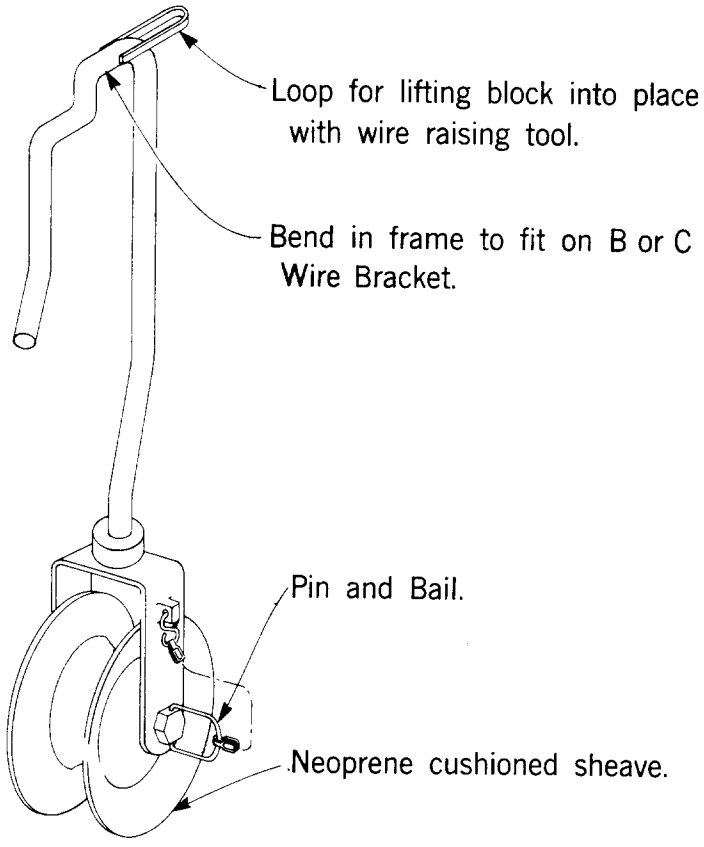


Fig. 1

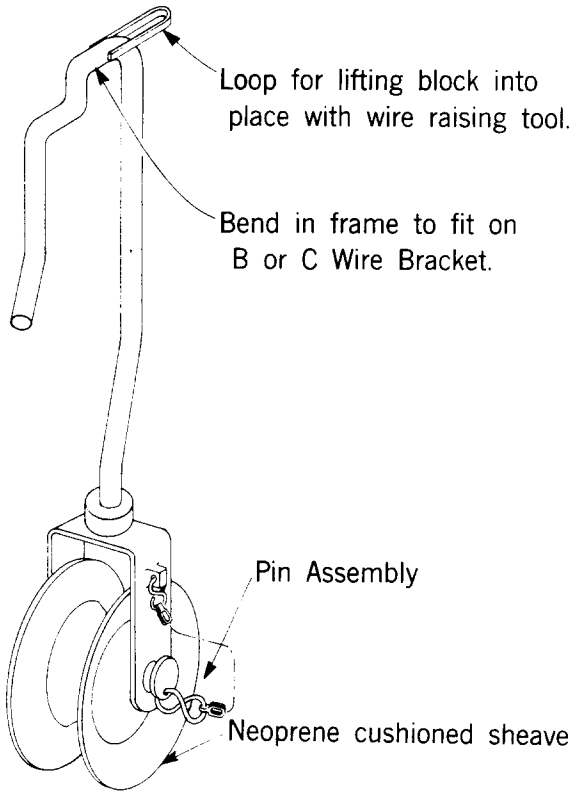


Fig. 2

**2.03** Fig. 3 and Fig. 4 show how the sheave can be removed from the bracket on either model of the block.

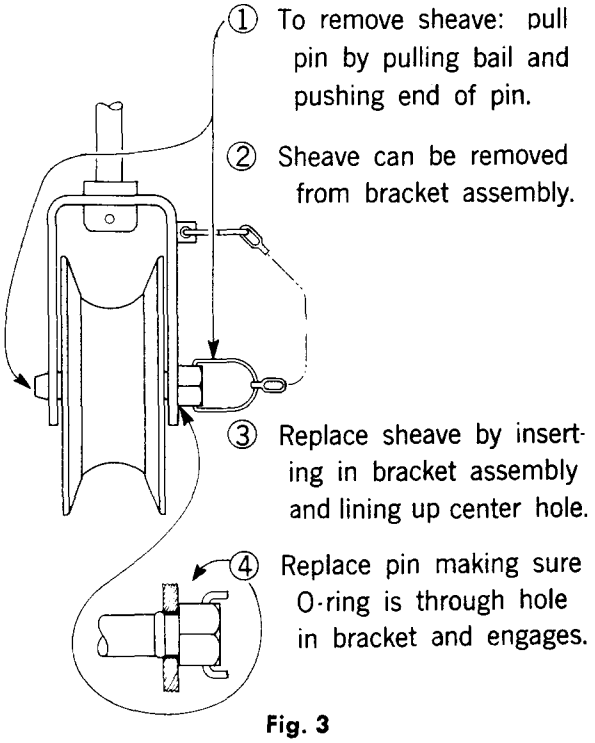


**Fig. 3**

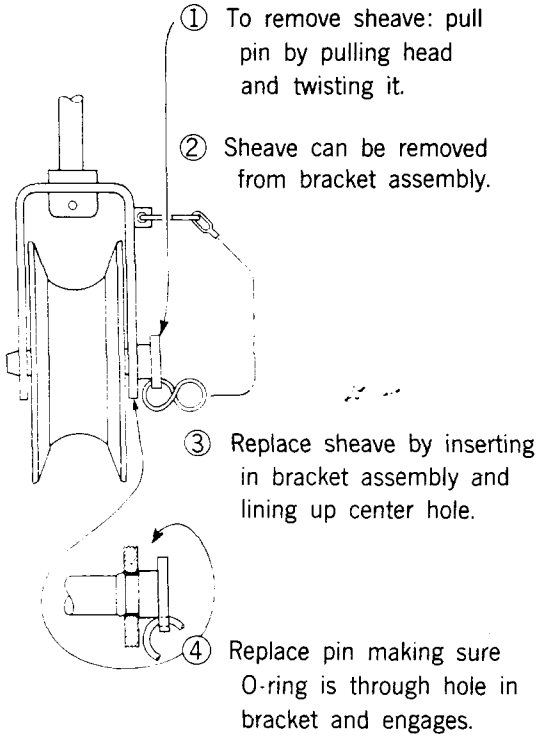


**Fig. 4**

## 3. MAINTENANCE

**3.01** The first design of the B Wire Block using the pin and bail (see Fig. 1) can be modified to the present design (see Fig. 2) by replacing the pin and bail with a pin assembly and S Hook. The replacement parts shown in Fig. 5 can be ordered separately.

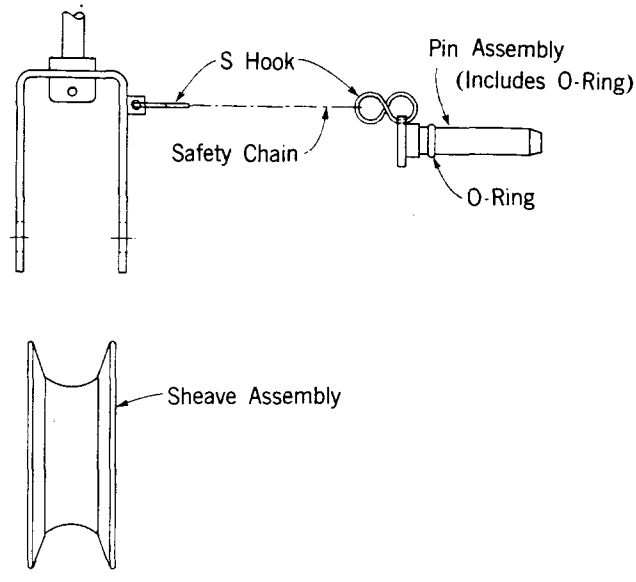


**Fig. 5**

**3.02** If the sheave does not turn readily or if the pin is difficult to remove or replace, place oil on the steel pin axle and on the O-ring to lubricate them. If the bracket and sheave do not swivel around the steel frame readily, place a small amount of oil in the swivel joining the bracket and frame.

**3.03** The frame is formed to fit on the various types of wire brackets and also on most wooden crossarms. It cannot be installed over DE Crossarms. The frame can be bent or damaged if the block is dropped from a pole; therefore, always LOWER THE BLOCK ON A HAND-LINE.