BSm # 816 B

B WIRE BLOCK

CONTENTS   **PAGE**

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.
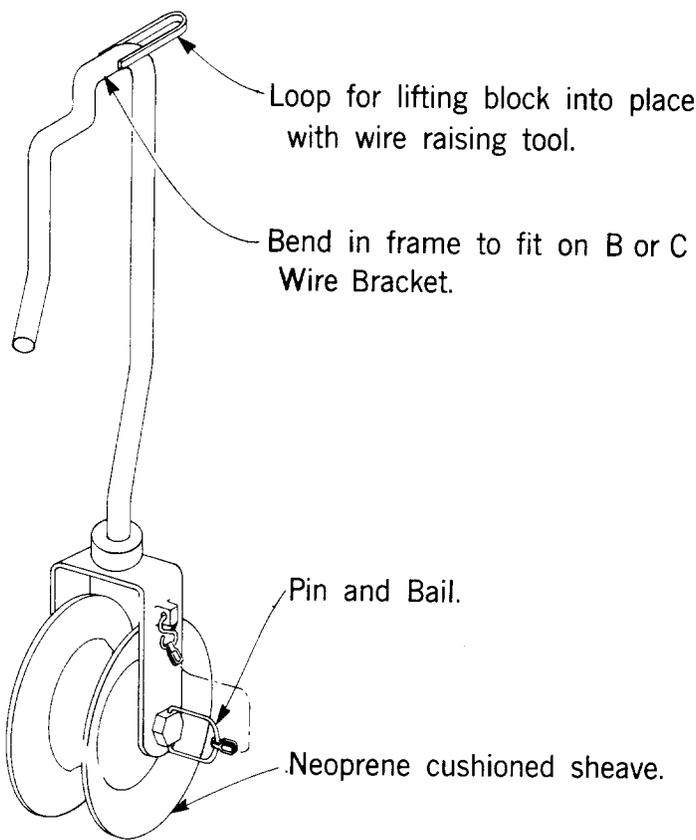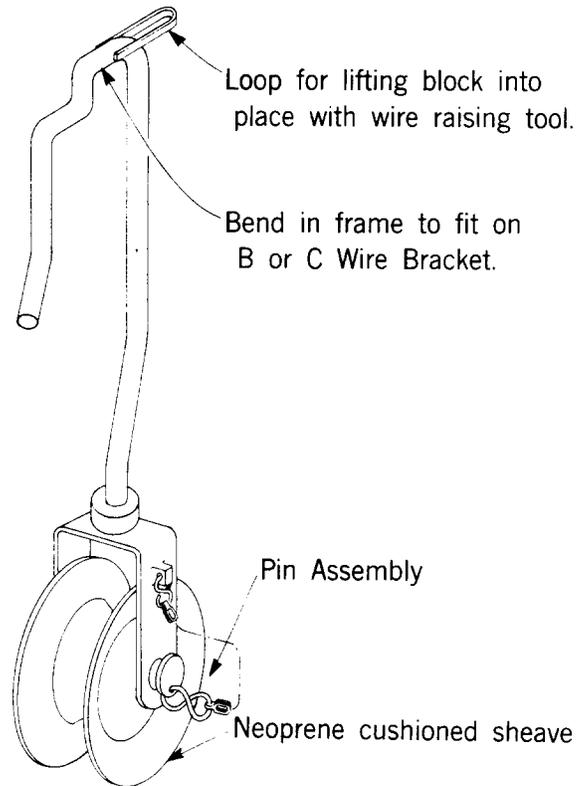
Loop for lifting block into place with wire raising tool.

Bend in frame to fit on B or C Wire Bracket.

Pin and Bail.

Neoprene cushioned sheave.

Fig. 1

Loop for lifting block into place with wire raising tool.

Bend in frame to fit on B or C Wire Bracket.

Pin Assembly

Neoprene cushioned sheave

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.

① To remove sheave: pull pin by pulling bail and pushing end of pin.

② Sheave can be removed from bracket assembly.

③ Replace sheave by inserting in bracket assembly and lining up center hole.

④ Replace pin making sure O-ring is through hole in bracket and engages.

Fig. 3

① To remove sheave: pull pin by pulling head and twisting it.

② Sheave can be removed from bracket assembly.

③ Replace sheave by inserting in bracket assembly and lining up center hole.

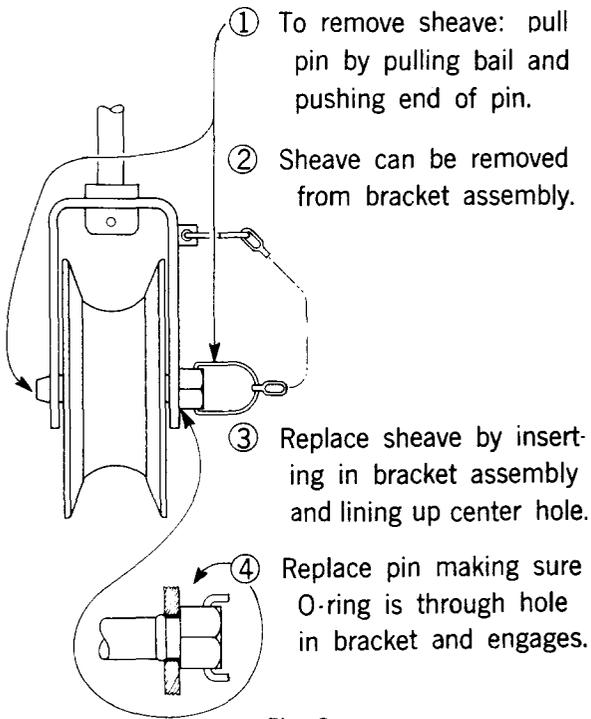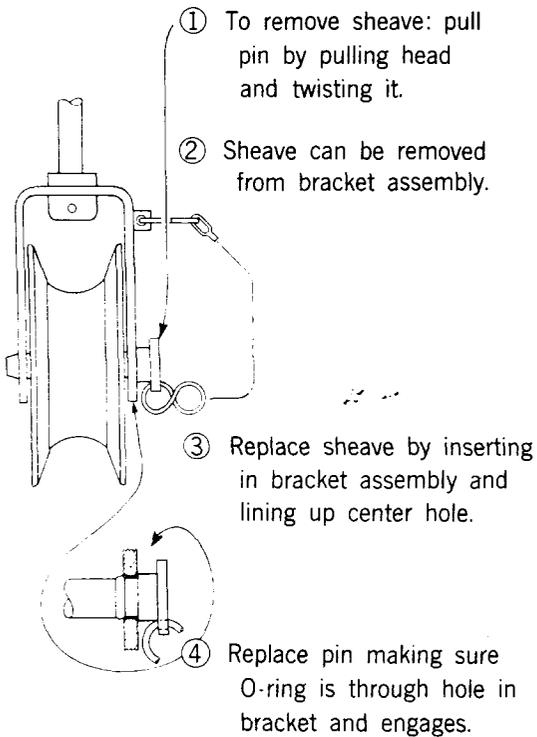④ Replace pin making sure O-ring is through hole in bracket and engages.

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.
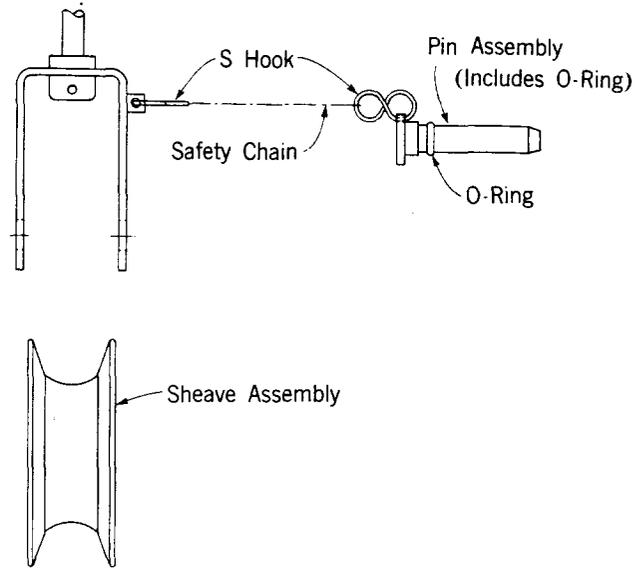
S Hook — Pin Assembly (Includes O-Ring)

Safety Chain

O-Ring

Sheave Assembly

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.