



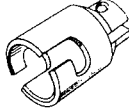


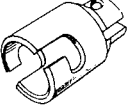


II. CABLE REPAIR INSTRUCTIONS

FITTING REQUIRED:

A. Cable Diameter	Fittings		
1/2"	DN-25 – Front		
	DN-26 – Rear	DN-25 (Front)	DN-26 (Rear)
5/8"	SJ-31 – Male		
	SJ-32 – Female	SJ-31 (Male)	SJ-32 (Female)
	SP-30 – Tool Adapter		SP-30
3/4"	SP-31 – Male		
	SP-32 – Female	SP-31 (Male)	SP-32 (Female)
	SP-30 – Tool Adapter		SP-30

REPAIR A CABLE WITH THE FRONT MALE FITTING

If your cable has been broken off at the front of the machine, follow these instructions for repair:

A.) If the end of the cable is uneven, it is a good idea to grind the end to get an even, flat end.

B.) Approximately 1" of inner core needs to be removed to allow space for the new fitting to be installed in the cable.

First, insert the end of the cable to be repaired into a vice. Take a pair of needle nose pliers and pull out about an inch of the inner cable. Cut the inner core off with bolt cutters or cold chisel. Push the inner core back into the outer cable. The new fitting can now be screwed into the cable. Attach the SP-30 tool adapter to the new front fitting using the 1/4" connector pin provided, (for 5/8" and 3/4" cable only).

NOTE #1: If your cable has experienced a lot of wear and the inner core will not pull out freely, it will be necessary to drill out the inner core or use a pin punch and hammer to drive the inner core down into the cable. Use a 1/4" punch for 3/4" diameter cable or a 1/8" punch for 5/8" diameter cable.

Your cable is now repaired and ready to continue to use.

II. CABLE REPAIR INSTRUCTIONS—CONT.

REMOVING A KINK FROM A CABLE

A cable which is kinked can be repaired and spliced back together for continued use.

TO SPLICE CABLES:

1/2" diameter – DN-25, DN-26 with set screw

5/8" diameter – SJ-31, SJ-32 with connector pin

3/4" diameter – SP-31, SP-32 with connector pin

A.) Pull out the cable from the cage until the kinked portion is out of the cage. Lay the cable flat on the floor. Using bolt cutters, cut the kinked portion of the cable out.

B.) You now have two pieces of cable. Grind both ends so they are flat. Approximately 1" of inner core will need to be removed from both cable ends to allow for the male and female fittings to be inserted.

Insert the end of one of the cable ends into a vice. Remove the inner core. If the inner core moves freely, pull it out and cut off with bolt cutters or cold chisel. If the inner core will not move, drill it out or use a pin punch and hammer. Push the inner core back into the outer cable as far as it will go. You should now have enough space for the new fitting to be inserted.

Repeat this process for the other cable end. When complete, connect the two cable sections together using the connector pin provided. Insert the cable back into the cage.