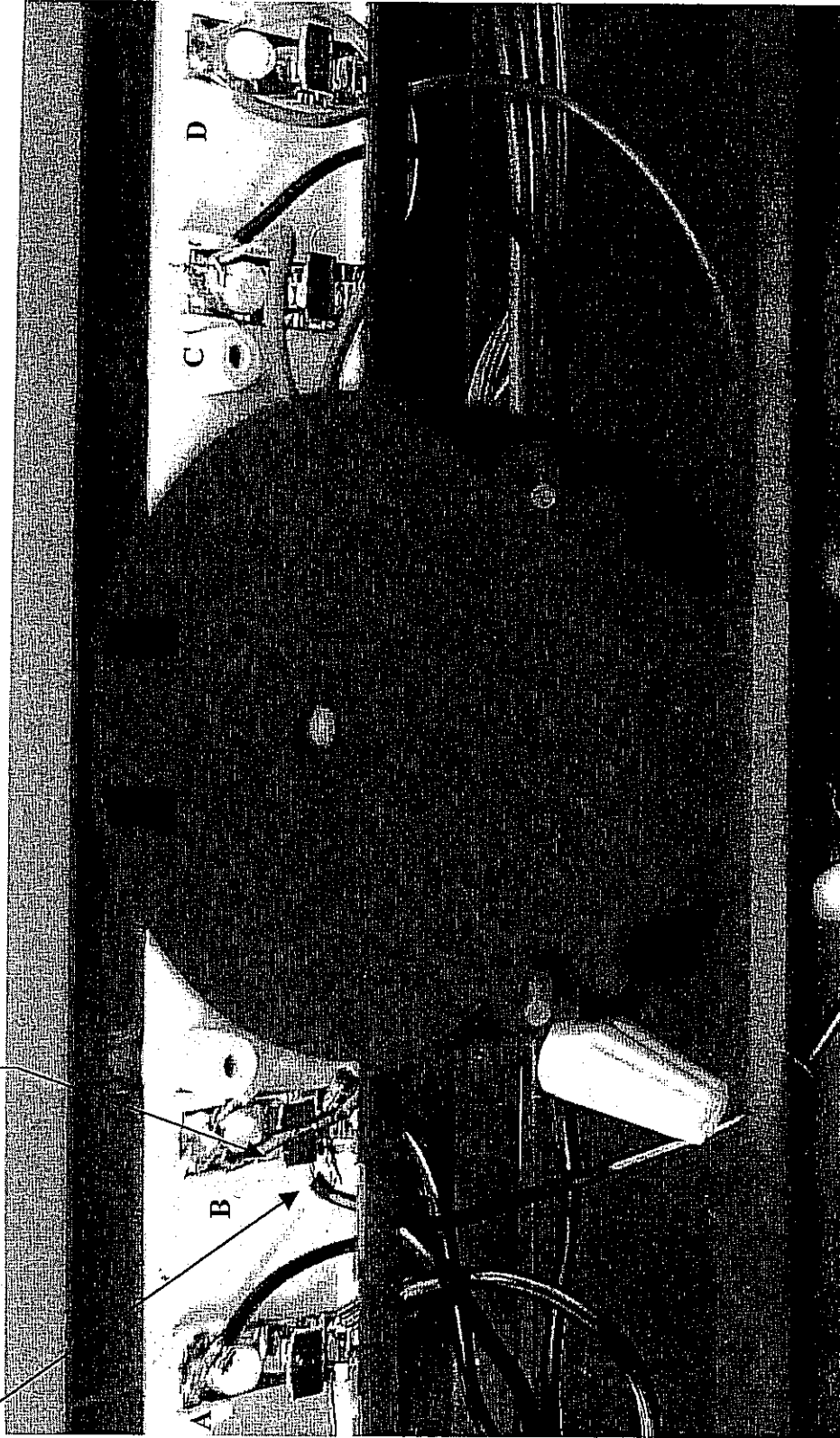


497 COALING STATION 6-14107

THE BLACK WIRE
COMING UP
THRU THE BIN FROM
THE LOADING
SOLENOID

WIRE #4 FROM THE
REMOTE CONTROL TRACK

MOVE THE 2-LABELED BLACK WIRES FROM
TERMINAL B TO TERMINAL A. SEE INSTRUCTION
SHEET FOR COMPLETE DETAILS



TERMINAL A

B

C

D

**Fix for improper dump car activation during load function and/or no Post
War #3459/3469 Coal Dump Car Operation on the
No. 497 Coaling Station 6-14107**

Problem The dump car is being activated and dumping when the "LOAD" function is activated. The Post-War dump cars will not work.

Cause Incorrect wiring at the terminal strip inside the coal bin.

Fix Place the station in front of you so that with the roof off and the coal tray in the lowered position you can see the white terminal strip mounted on the rear of the bin.

Starting from the left side of the strip and moving to the right you will see terminal A, then terminal B, next you will see the motor, then terminals C and D. We will be working on terminals A and B only.

NOTE! The wires we will be working with are all black so proper identification of the wires to be moved is critical!

We will be repositioning two wires, the first wire can be found by looking right below the motor/gearbox and you will see 2 black wires from the loading solenoid coming thru a hole in the bottom of the bin between the 2 coal chutes. Follow the wires back to the terminal strip and you will find that one is attached to terminal C which is correct and no further action is required. The other wire will trace back to terminal B. This wire must be disconnected either by unsoldering or cutting it off from the terminal. Use caution as several other wires must remain on the terminal, and excessive soldering iron heat can damage the terminal strip. The wire then has to be connected onto terminal A. The wire can be soldered onto the terminal or preferably the wire end can be stripped back and inserted into the spring clip portion of terminal A.

The second wire comes from the black 4-wire cable that is wired to the remote control track section. The terminals on the track section are marked 1-4. We will call the wires attached to them wire #1,2,3,4 respectively. **NOTE!** To help identify wire #4 look at the black 4-wire cable closely and you will see that wire #1 has a raised ridge or "tračce" molded into it. The wires then follow in order as #2, #3, and the last wire across the cable is wire #4. Follow wire #4 that is

attached to terminal #4 on the track section up to terminal B in the bin. You will note that a second wire from the cable, wire #2 is also attached to terminal B.

You will find that these 2 wires are soldered together and are inserted into the clip portion of terminal B.. Cut off wire #4 leaving wire #2 in the clip.

Now take wire #4 and also attach it to terminal A on the terminal strip in the same manner as you attached the previous wire.

That completes the rewire. Your 497 Coaling Station will now operate as intended.