

For use with Lancer JR. Type L or
L1 General Purpose AC Inverter Drives.

FORWARD/REVERSE MOD KIT

MODEL 92199

46S02642-0010

Before installing this kit, a **TECHNICALLY QUALIFIED INDIVIDUAL** who is familiar with this type of equipment and the hazards involved, should **READ** this **ENTIRE INSTRUCTION SHEET**.

DESCRIPTION

This Louis Allis kit includes all the material described in Table 1 and illustrated in Figure 1.

The installation of this kit will allow the drive to respond to a local 2-wire "Run Forward-Stop-Run Reverse" command.

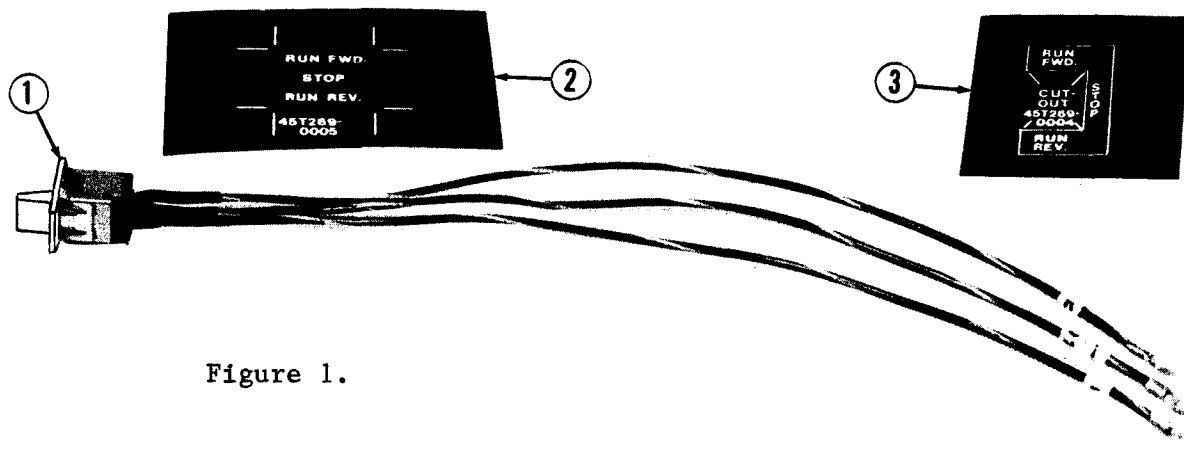


Figure 1.

Table 1. Kit Contents

ITEM	QTY	DESCRIPTION	PART NO.
1	1	DPDT 3-Position Lever Switch & Wiring	05P00054-0177
2	1	Switch Legend Plate	45T00269-0005
3	1	Switch Legend Plate	45T00269-0004

CHANGE RECORD

1 STD-2718 3-18-85
RJR

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INSTALLATION

1. Disconnect all electrical power to the drive.

2. Remove drive front cover as follows:

a. Remove thumbscrew(s) by turning CCW.

b. Push up on the front cover to release the side latches, and then pull cover off.

c. Retain thumbscrew(s) for future use.

3. Verify voltage has been disconnected by using a voltmeter to check for voltage at incoming power terminals.

HAZARDOUS VOLTAGE CAN CAUSE SEVERE INJURY OR DEATH.

LOCK ALL POWER SOURCES FEEDING DRIVE IN "OFF" POSITION.

4. Using a Phillips screwdriver, remove the two screws which secure the OCS plate to the inverter chassis. Retain these screws for future use.

5. Rotate the OCS plate to a position that allows observance of the back of the "DRIVE RUN-STOP" switch. The "DRIVE RUN-STOP" switch is wired to terminals on the Main Control PCB marked ST and F. Remove these connections at the Main Control PCB.

6. Using a small flat screwdriver, remove the existing switch and wiring by alternately depressing one of the (4) switch mounting tabs while exerting a slight forward pressure to the back of the switch. Discard the switch and wiring.

7. (See Figure 2). Secure the kit furnished 3-position lever switch with wiring, pass the wiring from the front of the operator's plate, through the existing switch hole. Switch terminal with wire tagged F must be positioned toward top of plate. Snap the switch into place in the OCS plate.

8. Connect switch leads tagged ST, F and R to their respective terminals on the Main Control PCB.

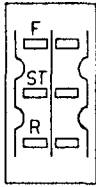
9. Reposition and fasten the OCS plate to the inverter chassis.

10. This kit contains two adhesive backed switch nameplates. These nameplates are designed to cover the original "RUN-STOP" caption on the OCS plate. Only one of the nameplates (dependent on style of drive) will be used. Select the nameplate that appropriately covers the original captions and cut excess as shown on Figure 3. Remove backing from nameplate and press into place on the OCS plate.

11. The modification of the drive is now complete. Place the new "RUN FWD.-STOP-RUN REV." switch in the center (STOP) position, apply power to the drive and observe that the drive motor rotates in the forward and reverse direction by properly toggling the lever switch.

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REAR VIEW
OF SWITCH



SIDE VIEW
OF SWITCH

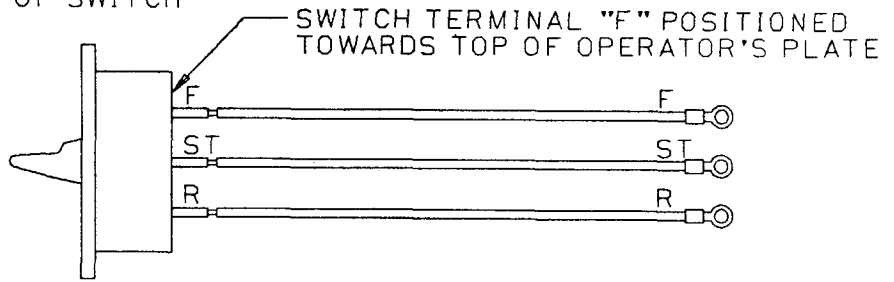


Figure 2.

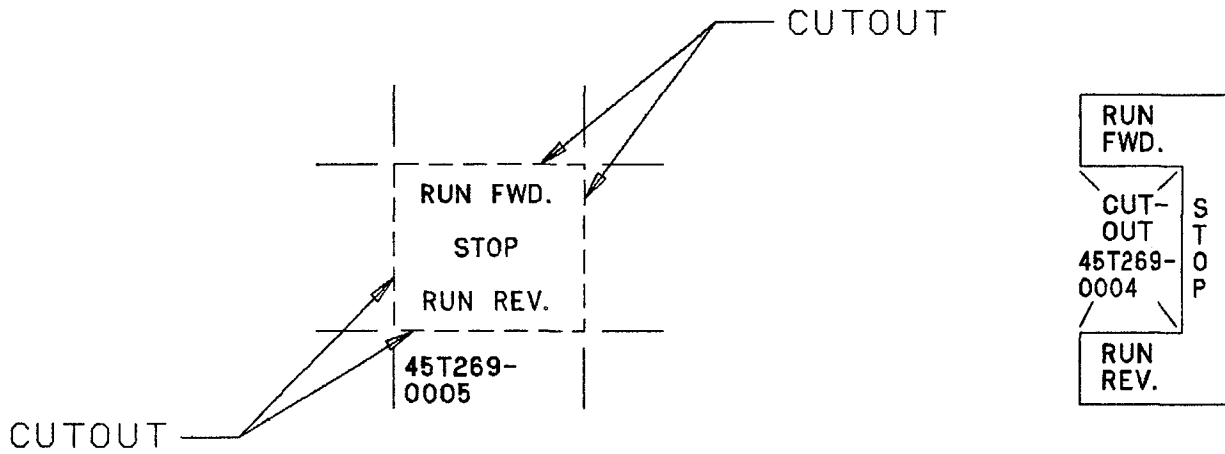


Figure 3.

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