

For Lancer JR. Type L1 General Purpose AC Inverter Drives having ARNI-889 REV D and above Main Control PCB.

IR SPEED COMP OPTION

46S02724-0010

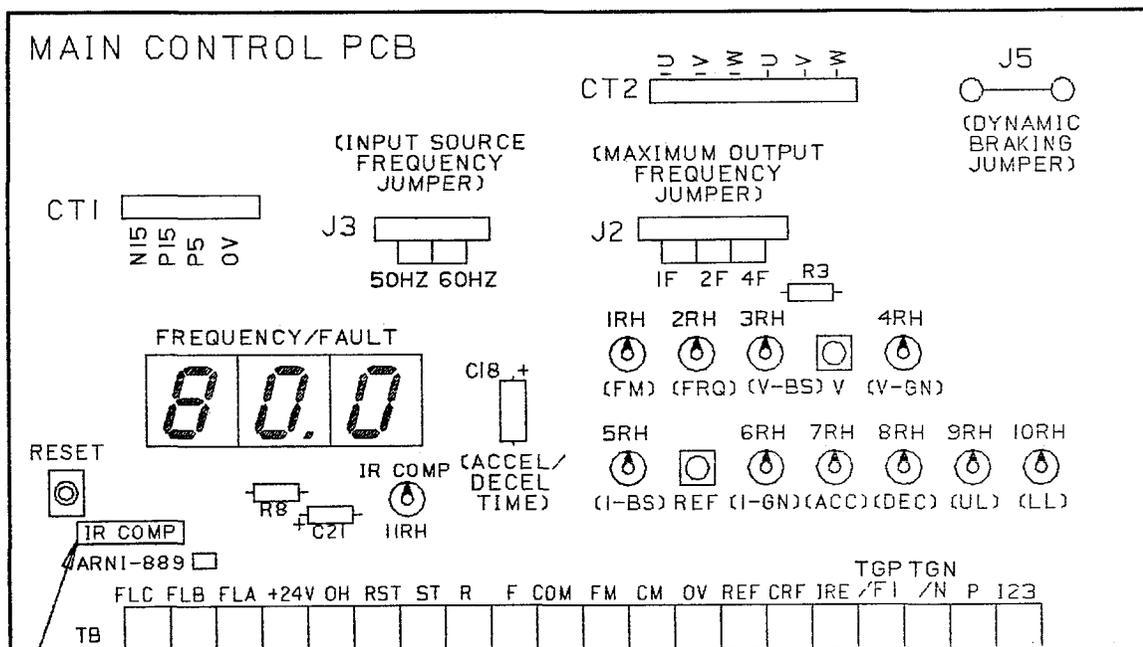
Before making any adjustment for this option, a **TECHNICALLY QUALIFIED INDIVIDUAL**, who is familiar with this type of equipment and hazards involved, should **READ** this **ENTIRE INSTRUCTION SHEET**.

DESCRIPTION

This factory installed option to the Main Control PCB reduces changes in speed when the load is increased.

IMPORTANT

Test equipment that measures motor RPM is needed to adjust the added circuit.



INDICATES IR COMP CIRCUITRY INSTALLED BY FACTORY.

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FIGURE 1.

CHANGE RECORD			

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ADJUSTMENT

NOTE

The IR Speed Comp circuit has been factory adjusted, however, steps 2 thru 4 should be performed at the installation site to verify that the adjustment is correct for the application.

1. See Figure 1. Turn 11RH fully clockwise.

2. Run the motor to rated frequency under no load conditions. Note the speed (RPM) of the motor at this frequency.

3. Adjust load for rated full load current. The speed (RPM) will drop below the level determined in step 2.

4. Adjust 11RH CCW until full load RPM is equal to no load RPM.

IMPORTANT

Do not adjust 11RH fully CCW; this could cause an overcurrent trip.

5. This completes the adjustment for this modification.

6. Place this instruction sheet immediately behind the inverter instruction manual front cover.

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