

SECTION 9

ATR-100

NEW POWER SUPPLY AND DYNAMIC BRAKE PWA

All ATR-100 power supplies will soon have a new power supply and dynamic brake PWA (P/N 4050882-XX). This new PWA, which is completely interchangeable with the earlier version (P/N 4050794-XX), has improved +5V dc current rating so as to facilitate adding accessories. (Refer to Schematic 4840458.)

CASTER REPLACEMENT KIT

The original casters shipped with the pedestal assembly were found to be too light for the load imposed by the ATR-100. They were also extremely difficult to install or remove.

A replacement kit (P/N 4010185-XX) is now available which includes the new caster plus mounting hardware. Ordering the caster called out in the 4890407-01 ATR-100 Operation and Maintenance manual will ensure you receive the appropriate caster and mounting hardware.

Old Caster	Caster Kit
Without Brake - 082-066	4010285-01 - Without Brake
With Brake - 082-065	4010285-02 - With Brake

TAPE TIMER WHEEL (BEARING REPLACEMENT) 4041230-XX

The ATR-100 tape timer wheel bearings periodically need replacing due to the tight run-out specs. The bearings are pressed in at the factory and are difficult to remove or install without damaging the wheel itself or the replacement bearing. The tools described in this instruction (Figure 9-1), when used as directed, will facilitate the removal and installation of the bearing without damage to either the aluminum wheel or the bearing race. Proceed as follows:

NOTE

The use of the arbor press and the soft-noise hammer for bearing installation is not recommended as the bearing or the timer wheel may be damaged. Replacement of the bearings in this manner should only be attempted as a last resort.