

INSTRUCTIONS FOR INSTALLING THE MODEL 28
MULTI-MAGNET REPERFORATOR SET (REPERFORATOR
LARP1, BASE LARB1 AND MOTOR UNIT LMU3)

1. GENERAL

- a. The Model 28 Multi-Magnet Reperforator Set consists of a Multi-Magnet Reperforator Unit (LARP1), Multi-Magnet Reperforator Base (LARB1), Motor Unit (LMU3 Synchronous), 159036 Gear and a 159037 Pinion
- b. Each unit is packed in an individual cardboard carton. Open the cartons carefully so as not to damage the units or mar the finish.
- c. For part numbers referred to in this specification, refer to the Teletype Model 28 Multi-Magnet Reperforator Parts Bulletin.
- d. Parts for mounting the units are in a bag attached to the base.
- e. All references to direction are made from the operator's position in front of the unit.

2. INSTALLATION

- *a. Mount the LARP1 Reperforator Unit to the three 10-32 tapped holes and the 6-40 tapped hole in the center front of the base, (see Wiring Diagram 3258WD for approximate location) using the three 156887 screws, 2669 lock washers, 3438 washers and the 151631 screw, 2191 lock washer and 7002 washer in the bag attached to the base. The 151631 screw, 2191 lock washer and 7002 washer are for mounting the 156183 bracket to the base.
- b. Remove the two 151630 screws, 2191 lock washers and 7002 washers which fasten the 156969 gear guard to the base. Remove the gear guard.
- c. Remove the 156334 stud from the bag and screw it loosely into the shorter motor mounting post. Remove the 156344 adjusting bracket, four 156936 screws (1/4 - 32) and 2449 lock washers from the bag. Mount the adjusting bracket to the gear end of the motor, using two of the screws and lock washers. The third hole in the bracket should be away from the fan end of the motor.
- d. Place the motor with bracket over the three motor mounting posts, with the hole in the adjusting bracket passing over the stud in the shorter (right) post. Using two 156936 screws and 2449 lock washers, fasten the fan end of the motor to the two posts.
- e. Remove the 125224 nut (1/4 - 32) and 2449 lock washer from the bag and install them (friction tight) on the stud holding the adjusting bracket.
- *f. Mount the 159036 gear on the reperforator drive shaft using the three 153538 screws and 2191 lock washers on the shaft.

- g. Mount the 159037 pinion on the motor shaft using the 151346 screw and 2191 lock washer furnished with the motor.
- h. Route and connect the reperfector and motor cables to the terminal blocks on the base as shown on Wiring Diagrams 3257WD and 3258WD.

NOTE: The reperfector cables should follow the same route as the power cable.

3. ADJUSTMENTS AND LUBRICATION

- *a. There should be adequate clearance between the tape container and the function magnet armature spring. To adjust, loosen the three reperfector unit mounting screws and the bracket mounting screw and position the unit to the left. Tighten the screws.
- *b. There should be adequate clearance between the tape feed out mounting bracket and the tape guide mounting screw on the tape container. To adjust, loosen the tape container mounting screws and position the tape container. Tighten the screws.
- *c. The tape in the tape guide should be aligned with the tape chute. To adjust, bend the tape guide.
- d. There should be a minimum amount of backlash in the gear train. To adjust, loosen the nut that secures the motor adjusting bracket and position the gear end of the motor in a vertical direction by rotating the stud. Tighten the nut.
- e. Apply a thin film of grease to the gears.
- f. Remount the 156969 Gear Guard, reversing the procedure in paragraph 2.b.

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