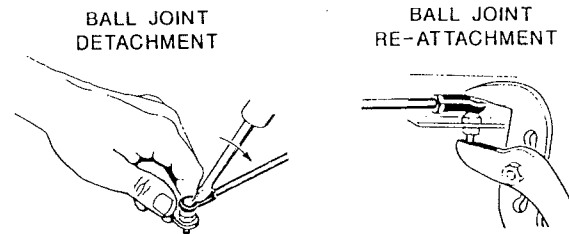


POTENTIOMETER ASSEMBLY



THE SYMBOL ◁ REFERS TO A NOTE CORRESPONDING TO THE LETTER ENCLOSED WITHIN IT. SEE FOLLOWING PAGE(S) FOR NOTES AND PARTS LISTS. RETAIN THIS DOCUMENT TO FACILITATE THE ORDERING OF REPLACEMENT PARTS.

TITLE **LDI POTENTIOMETER REPLACEMENT KIT**

REV B



DRN BY GDM
ORIG DATE 10/02/91

REV BY D. HORTON
REV DATE 07/29/99

A DRAWING NO. 27098

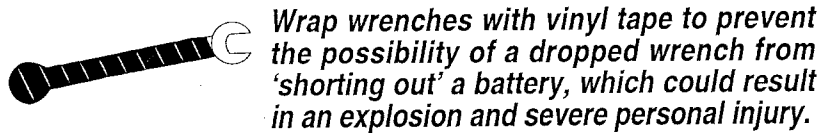
PG. 1 OF 2

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NOTE: TO ORDER THIS ENTIRE FIELD KIT, REQUEST PART NO. 27094-G01
READ ALL INSTRUCTIONS BEFORE PROCEEDING.



To reduce the danger of battery explosion, disconnect the negative (-) battery cable before proceeding.



Removing Existing potentiometer

- A. Turn the key switch to the "OFF" position and remove key.
- B. Place the direction selector lever in the neutral position.
- C. Remove the ESC (Electronic Speed Controller) cover.
- D. Detach the blue wire from the ESC terminal at "A", and the orange wire from the coil positive (+) terminal at "B".
- E. Detach the black and white (grey wrapped) wires from the ESC terminals at "C", and the black and white (grey wrapped) wires from the direction selector micro switch terminals.
- F. Detach the adjusting rod ball joint socket from the pivot assembly ball at "D" (see ball joint detachment procedure).
- G. Remove the potentiometer mounting screws and pull the potentiometer from the ESC assembly.

Installing potentiometer Replacement Kit

- A. Press the ball joint socket at either end of the adjusting rod (provided with kit) onto the ball on the potentiometer pivot arm.
- B. Position new potentiometer into the ESC assembly and install the mounting screws.
- C. Adjust the accelerator rod for new ball joint position:

- 1. Make sure that the potentiometer arm is positioned against the upper stop. With the arm in this position, the micro switch is de-energized (not actuated).
- 2. Detach the accelerator rod ball joint socket from the pivot assembly at "E".
- 3. Attach new adjusting rod to pivot assembly at "D".



Be sure the vehicle is on a firm and level surface. Never get under a vehicle while it is supported by a jack. Use safety stands and test the stability of the vehicle on the stands. Always place chocks in front and behind the wheels not to be raised. Use extreme care since the vehicle is extremely unstable during the lifting process.

- 4. Lift the front of the car to gain access to the entire length of the accelerator rod.
- 5. While preventing the accelerator rod and accelerator pedal yoke from turning, loosen the yoke jam nut at "F".
- 6. With the pivot assembly rotated so that the potentiometer arm is pushed against the upper stop, turn the accelerator rod counter-clockwise until the accelerator rod ball joint socket is aligned with the pivot assembly ball at "E".
- 7. Tighten the yoke jam nut and re-attach the accelerator rod to the pivot assembly.
- 8. Re-attach wiring and install cover

ITEM	QTY	PART NO.	DESCRIPTION
1	1	25399-G1	POTENTIOMETER ASSEMBLY
2	1	22587-G8	ADJUSTING ROD ASSEMBLY

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