

INSTALLATION INSTRUCTIONS

385 LEVER-TYPE FUEL SENDER

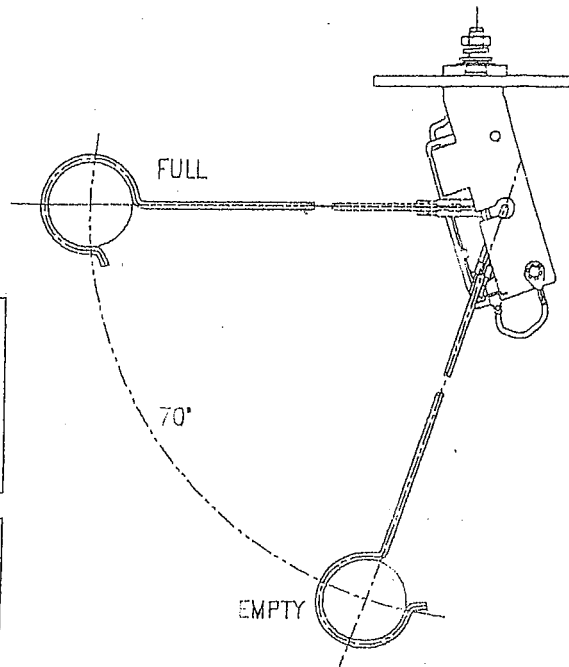


CAUTION

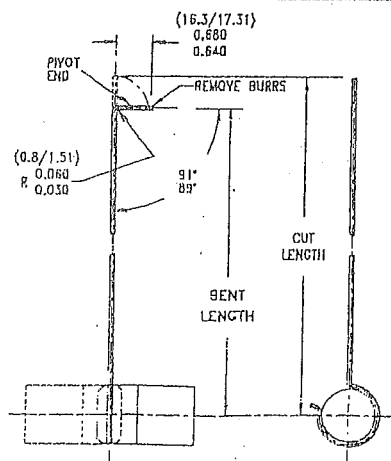
Use extreme caution when working around fuel. Work in well ventilated area and keep all hot materials away. Consult vehicle service manual if fuel tank must be removed.

CAUTION

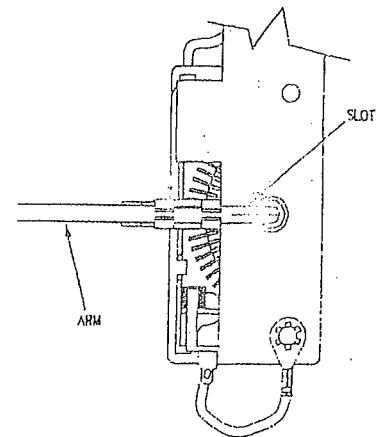
A new gasket must be placed between the flange of the sender and the flange of the tank during final installation.



TANK DEPTH	CUT LENGTH	BENT LENGTH
6.00	4.78	4.03
6.50	5.31	4.56
7.00	5.84	5.09
7.50	6.37	5.62
8.00	6.91	6.16
8.50	7.44	6.69
9.00	7.97	7.22
9.50	8.50	7.75
10.00	9.03	8.28
10.50	9.57	8.82
11.00	10.10	9.35
11.50	10.63	9.88
12.00	11.16	10.41



*FLOAT CAN BE LOCATED ON EITHER SIDE OF BEND.

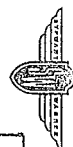


FOR PIVOT-END ARM ADJUSTMENT

Determine float arm length required for tank depth and cut float arm wire to cut length shown to table. Bend wire sharply at right angle (90°) to 'Shepherd's Crook.'

Align arm with slot in the bracket. Insert the pivot end of the float arm into the hole and snap the wire into the follower.

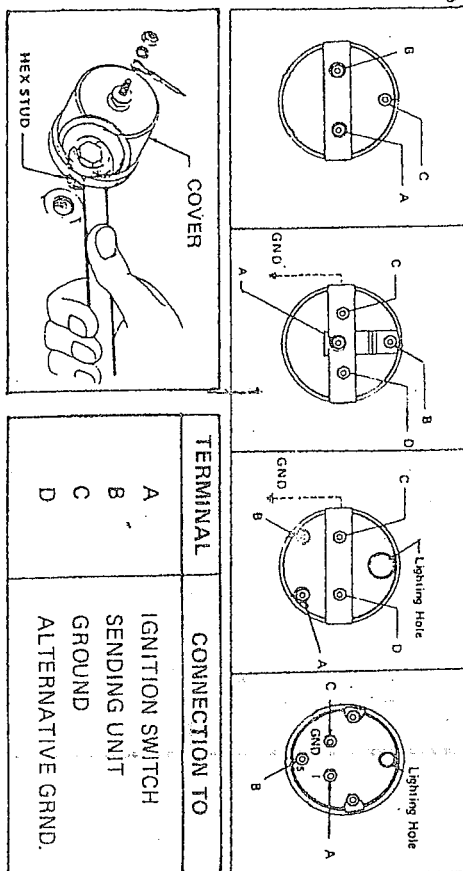
When unit is side mounted, the float arm will require additional adjustment.



INSTALLATION INSTRUCTIONS



TRACK FORCE PRESSURE SENDERS



Locate terminal configuration of existing gauge & make necessary wire connections according to table.

IMPORTANT WIRING AND INSTALLATION NOTES

- If using an adapter, install it first, then thread sending unit into adapter.
- Do not grasp cover of sending unit to tighten when installing. This will damage sender rendering it inoperable.
- Tighten sending unit with 1/2" open end wrench on hex stud at base of sending unit (see illustration).
- DO NOT use sealing tape or compounds when installing electric sending units.
- Some gauges ground through the mounting bracket & provide no ground terminal. If instrument panel is not grounded, connect a wire between one of the mounting bracket terminals & a chassis ground.
- Use No. 18 AWG wire & eyelet type terminals with insulated shanks to make wire connections to gauge.
- When routing wires, protect from damage due to sharp edges, moving parts, & hot engine components.

Stewart-Warner warrants to the consumer that its instrument products will be free from defects in material and workmanship for a period of 24 months following date of purchase. Instrument products which fail within the warranty period due to defects in material or workmanship will be repaired or replaced, at Stewart-Warner's option, without charge to the consumer when returned with proof of purchase to any authorized Stewart-Warner dealer in the United States or Canada, transportation prepaid. All implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, shall be limited in duration to the 24 month express warranty period specified above. STEWART-WARNER DISCLAIMS ANY LIABILITY FOR CONSEQUENTIAL DAMAGES DUE TO BREACH OF ANY WRITTEN OR IMPLIED WARRANTY ON ITS INSTRUMENT PRODUCTS.

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1811 ROHRERSTOWN RD. LANCASTER, PA. 17601 (1 800-676-1837)

P/N 434894
REV. 08-02



INSTALLATION INSTRUCTIONS

TRACK FORCE SENDERS AND SWITCHES



Coolant Temperature Senders:

IMPORTANT: Some emission control systems require temperature warning switch remain in system. Use alternative location for sender in these situations.

CAUTION: If using adapter, install it before threading sender into adapter. Do not "bottom out" coolant temperature senders when installing. Tighten 1/2 turn past finger tight. If leakage occurs, tighten additional 1/4 turn or torque to approximately 15 in./lb.

Locate and remove existing sender or pipe plug. Install new sender sufficiently submerged in coolant using sealing washer only if provided. Check coolant level. (See note below).

Oil Temperature Sender (Figure 1):

IMPORTANT: It is not recommended to install sender on bottom side of oil pan.

1. Drain oil.
2. Install washer and sender in place of drain plug. Snap on wire. (See note below).
3. Unsnap wire before removing sender.

Oil Pressure & Coolant Temperature Warning Switches:

Replace existing switch with new switch, using sealing washer only if provided, and adapters as needed. (See note below).

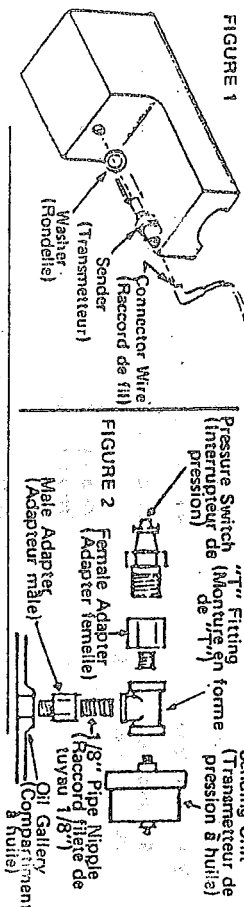
Adapters (Figure 2):

Install adapters as illustrated. Use sealing washer only if provided. (See note below).

Lighting Kit:

1. Install lamp bracket, lamp and socket onto GND terminal of gauge.
2. Connect socket lead to instrument panel light source.
3. If gauge is not grounded through panel, connect a wire from GND terminal of gauge to chassis ground.

NOTE: Do not use sealing tape or compounds. (Check for leaks).



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