



Genuine Parts

**PRECAUTIONS:**

- ❑ Read ALL instructions before installing instrument.
- ❑ Follow ALL safety precautions when working on vehicle-wear safety glasses!
- ❑ ALWAYS disconnect (-) negative battery cable before making electrical connections.

**HELP?:**

- ❑ If after reading these instructions you don't fully understand how to install your instrument(s), contact your local Stewart Warner distributor, or contact our Technical Support Team toll free at **1-800-676-1837**
- ❑ Additional applications information may be found at [www.stewartwarner.com](http://www.stewartwarner.com).

**GENERAL APPLICATION:**

- ❑ Top mounted fuel level sender for tank depths of 6"-12".

**Installation Instructions**  
391PX Fuel Level Senders

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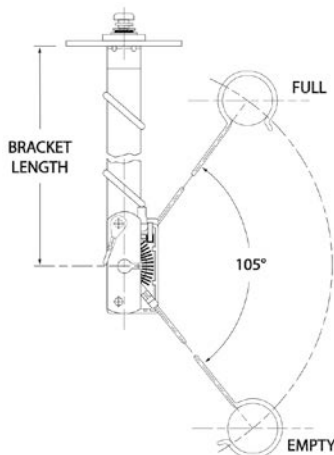
**CAUTION:**

- ❑ Use extreme caution when working around fuel.
- ❑ Work in well ventilated area and keep all hot materials away.
- ❑ NEVER smoke near fuel tank. Extinguish all smoking material and open flames while working near fuel source.
- ❑ Consult vehicle service manual if fuel tank must be removed
- ❑ A new gasket must be placed between the flange of the sender and the flange of the tank during final installation.

**SENDER ADJUSTMENT/INSTALLATION (Figures 1-4):**

1. Determine bracket length required for tank depth and adjust the rheostat position as shown on table (**Figure 1 and 3**)
2. Determine float arm length required for tank depth and cut float arm wire to cut length shown on table (**Figure 2 and 4**).
3. Determine Bent Length shown on table (**Figure 4**) and bend wire at right angle (90°) in direction of float (**Figure 2**).
4. Align arm with slot in the rheostat bracket. Insert the bent pivot end of the float arm into the hole and snap the wire into the follower (**Figure 2**).
5. Secure fuel sender in tank using appropriate hardware for tank being used. Be sure to tighten hardware appropriately to ensure proper sealing of gasket. A new gasket must be placed between the flange of the sender and the flange of the tank during final installation.

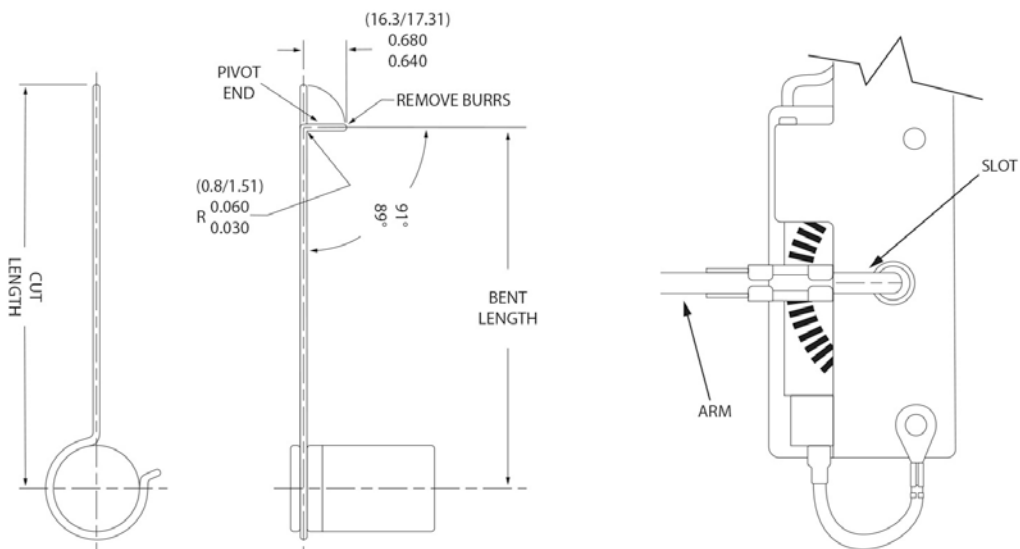
Figure 1



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Figure 2



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Figure 3

| TANK DEPTH | BRACKET LENGTH | TANK DEPTH | BRACKET LENGTH |
|------------|----------------|------------|----------------|
| 27.00      | 13.50          | 32.00      | 16.00          |
| 27.50      | 13.75          | 32.50      | 16.25          |
| 28.00      | 14.00          | 33.00      | 16.50          |
| 28.50      | 14.25          | 33.50      | 16.75          |
| 29.00      | 14.50          | 34.00      | 17.00          |
| 29.50      | 14.75          | 34.50      | 17.25          |
| 30.00      | 15.00          | 35.00      | 17.50          |
| 30.50      | 15.25          | 35.50      | 17.75          |
| 31.00      | 15.50          | 36.00      | 18.00          |
| 31.50      | 15.75          |            |                |

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Figure 4

| TANK DEPTH | CUT LENGTH | BENT LENGTH | TANK DEPTH | CUT LENGTH | BENT LENGTH |
|------------|------------|-------------|------------|------------|-------------|
| 27.00      | 16.07      | 15.32       | 32.00      | 19.22      | 18.47       |
| 27.50      | 16.38      | 15.63       | 32.50      | 19.53      | 18.78       |
| 28.00      | 16.70      | 15.95       | 33.00      | 19.85      | 19.10       |
| 28.50      | 17.01      | 16.26       | 33.50      | 20.16      | 19.41       |
| 29.00      | 17.33      | 16.58       | 34.00      | 20.48      | 19.73       |
| 29.50      | 17.64      | 16.89       | 34.50      | 20.79      | 20.04       |
| 30.00      | 17.96      | 17.21       | 35.00      | 21.11      | 20.36       |
| 30.50      | 18.27      | 17.52       | 35.50      | 21.42      | 20.67       |
| 31.00      | 18.59      | 17.84       | 36.00      | 21.74      | 20.99       |
| 31.50      | 18.90      | 18.15       |            |            |             |

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**WARRANTY INFORMATION:**

**TWO (2) YEAR LIMITED WARRANTY.** Stewart Warner products are warranted against defects in workmanship and materials for a period of two (2) years from the date of purchase. Proof-of-purchase is required; otherwise, the warranty period shall default to two (2) years from date-of-manufacture (as indicated by the date code on the product). See detailed Warranty Policy for other Terms & Conditions.

**STEWART WARNER**  
**1-800-676-1837**  
**www.stewartwarner.com**