

SENDERS/SHUNTS

NOTE: We have indicated which temperature or pressure sender is required next to each gauge in the product line section. Please ensure you use the correct sender for proper operation of your gauge.

Temperature Senders	
114873	1/8" NPT; For Imact & Competition Tachs & Gauges Lines
280EC	100-230°F; 1/8" NPT, 5/8" Hex, adapters: 1/4" 3/8" 1/2"
280EA	100-240°F; 1/8" NPT, 5/8" Hex, adapters: 1/4" 3/8" 1/2"
280ED-F	100-280°F; 1/8" NPT, 5/8" Hex, adapters: 1/4" 3/8" 1/2"
280EE-F	140-320°F; 1/8" NPT, 5/8" Hex, adapters: 1/4" 3/8" 1/2"
Pressure Senders	
114874	15 psi; 1/8" NPT; fuel and oil
114875	100 psi; 1/8" NPT; fuel and oil
279A	80 psi; 1/8" NPT; fuel and oil
279C	150 psi; 1/8" NPT; fuel and oil
Fuel Level Senders	
Fuel senders fit standard SAE 5-hole mounting, include mounting kit	
114876	240-33.5 Ohms; adjustable from 4-1/2" to 24"; right hand
439361-F	0-90 Ohm 10-15" tank depth; left hand
439362-F	0-90 Ohm 10-15" tank depth, right hand
439363-D	0-90 Ohm 15.5-24" tank depth, left hand
439364-D	0-90 Ohm 15.5-24" tank depth, right hand
366LP-F	Fuel sender install kit-convert fuel sender opening in tank to standard SAE 5-hole size, includes: flange, gasket, 5 washers, 5 screws
Speed Sensors & Accessories	
114877	Self-powered AC output, two wire with 0.104" tip
114878	Hall-effect, 8 pulse, requires 12V, with 0.104" tip
82527	Hall-effect, 16 pulse, requires 12V, with 0.104" tip
82646	Magnetic sender; Tach: flywheel application; Speed: tone wheel
114879	Ford quick-disconnect adapter for 114878 Hall-effect sender (sender not included)
114880	0.104" square drive tip
114882	0.187" drive tang
114883	0.203" drive tang
407010-F	Right angle adapter for flexshafts; 1:1; 5/8"; 0.104 square; clockwise
411335-D	Right angle adapter for flexshafts; 1:1; 5/8"; 0.104 square; counter-clockwise
114623	Odo-Reset button for Competition Tachs & Gauges speedometers
Shunts for Ammeters	
407616	Shunt for 100A ammeters not internally shunted
413717	Shunt for 150A ammeters not internally shunted

114873



280EC



114874



114876



0-90 Ohm Fuel Level Sender



114878



114877



407010-F



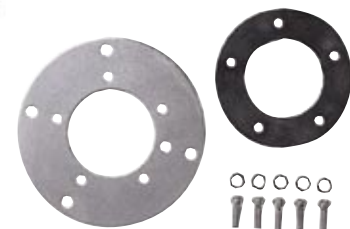
114879



407616



366LP-F



PROBES/SWITCHES/WARNING LIGHTS

Exhaust Temperature Probes/Thermocouples (Type K)	
114653	1/4" Street Probe kit with 10' wire & kit
114654	3/16" Street Performance Probe with 10' wire & kit
114655	3/16" High Performance Probe with 10' wire - no fittings
114656	1/4" High Performance Probe with 10' wire - no fittings
114657	1/4" x 1/8" NPT Probe Installation Kit
114658	3/16" x 1/8" NPT Probe Installation Kit
114659	3/16" Probe Band Kit
114660	1/4" Probe Band Clamp Kit

See Tech Info page 92 to determine which probe is best for your application.

NOTE: Use only the supplied extension wire. Do not alter the length or use other types of wiring to connect to the Type-K probe or your gauge will not read accurately.

Temperature Switches	
114884	200°F, 1/4" NPT, spade terminal
114885	225°F, 1/4" NPT, spade terminal
114886	225°F, 1/4" NPT, screw terminal
114887	240°F, 1/4" NPT, screw terminal

Solid brass body, gold-plated contacts; normally open contact; voltage independent; 2/85" in length, bulb .815", 1.00 Hex

Use with Ultra-Alert Light™ warning lights.

Pressure Switches	
114888	10 psi; 1/8-27 NPT male
114889	15 psi; 1/8-27 NPT male
114890	35 psi; 1/8-27 NPT male
114891	60 psi; 1/8-27 NPT male
114892	100 psi; 1/8-27 NPT male
79380	Boot for pressure/vacuum switches

These pressure switches are designed to operate with air, motor oils, transmission oils, jet fuels and other similar hydrocarbon media.

Contacts are silver alloy, gold plated; direct action blade contact

Feature Kapton diaphragms for compatibility with a wide variety of fluids

Use with Ultra-Alert Light™ warning lights.

Vacuum Switches	
77342-4	4" Hg; normally open; 1/8-27 NPT male
77343-4	4" Hg; normally closed; 1/8-27 NPT male
79380	Boot for pressure/vacuum switches

Contacts are silver alloy, gold plated; direct action blade contact

Feature fluorosilicone rubber for compatibility with a wide variety of fluids.

Warning Lights - Ultra-Alert Lights™	
114907	5" long by 1-5/8" dia, amber LED, gray case
114908	5" long by 1-5/8" dia, red LED, gray case
114909	5" long by 1-5/8" dia, blue LED, gray case

Night cover, mounting hardware and instructions included.

Warning Lights/Buzzers	
420125-F	Warning Light, 12VDC
825104-D	Warning Light/Buzzer
366TJ	Warning Light Kit: includes 825104-D and 6psi pressure switch(1/8" PT) and 200°F temperature switch(1/2" PT)



114653



114654



114655



114660



114884



114889



114907



420125-F



825104-D

Tubing/Hoses	
114840	Pressure, 6 ft. nylon, male/female comp. fittings
114841	Pressure, 16 ft. nylon, male/female comp. fittings
114842	Vacuum, 6 ft. hose w/T fitting & 1/8" NPT barbed adapter
114843	3 ft. -4-AN braided stainless steel over nylon with fittings
114844	4 ft. -4-AN braided stainless steel over nylon with fittings
114845	6 ft. -4-AN braided stainless steel over nylon with fittings
Adapters for Electric Temperature Senders	
114846	Std. 1/8" NPT ID X 3/8" NPT OD
114847	Std. 1/8" NPT ID X 1/4" NPT OD
114848	Std. 1/8" NPT ID X 1/2" NPT OD
114850	Metric 1/8" NPT ID - M14X1.5 OD
114851	Metric 1/8" NPT ID - M16X1.5 OD
114852	Metric 1/8" NPT ID - M18X1.5 OD
Adapters for Electric Pressure Senders	
114849	Std. 1/8" NPT ID X 1/4" NPT OD
114853	Metric 1/8" NPT ID - M10X1.5 OD
114854	Metric 1/8" NPT ID - M12X1.5 OD
114855	Metric 1/8" NPT ID - M14X1.5 OD
114856	PT 1/8"-28 JIS Male (Empirical Metric)
Adapters for Mechanical Temperature Gauges	
114858	Steel 5/8"-18 ID to 1/4" NPT OD
114859	Steel 5/8"-18 ID to 3/8" NPT OD
114860	Brass 5/8"-18 ID to 3/8" NPT OD
114861	Steel 5/8"-18 ID to 1/2" NPT OD, SAE Short OD
114862	Brass 5/8"-18 ID to 1/2" NPT OD
114863	Brass 5/8"-18 ID to 5/8" NPT OD
114864	Metric 5/8"-18 ID to M14X1.5 OD
114865	Metric 5/8"-18 ID to M16X1.5 OD
114866	Metric 5/8"-18 ID to M18X1.5 OD
114601	Right Angle Adapter, 1/8" NPT Female by -4AN Male
Extensions for Mechanical Temperature Gauges	
Extra clearance for narrow water passages	
114867	1/2" NPT temperature bulb extension
114868	3/8" NPT temperature bulb extension
Fuel Rail Adapters for Mechanical Fuel Pressure Gauges	
114869	1/16" NPT Male by -4AN Male
114870	1/16" NPT Male by 1/8" NPT Female
114871	-4AN Male by -4AN Female 45 Deg. with swivel on Female
114872	-4AN Male by -4AN Female 90 Deg. with swivel on Female



114840



114842



114844



114846



114849



114858



114601



114867



114871

LIGHTING/SHIFT LIGHTS

Replacement Bulbs for Impact and Competition Tachs & Gauges Lines	
114896	Lamp, WGB, 1 candle power
114897	Lamp, WGB, 2 candle power
Replacement Bulbs for Remaining Product Lines	
82551	1/2", 12V, 1" long metal socket, one wire
82550	1/2", 12V, 1" long metal socket, two wire
366FK-F	5/8", 12V, 1" long metal socket, one wire
366CH	5/8", 12V, 1" long metal socket, one wire, mounting bracket
366SZ	5/8", 12V, 1" long plastic socket, one wire
366SX	5/8", 12V, 1" long plastic socket, two wire
Light Boots for Incandescent Bulbs	
114910	Red Lamp Filter (3 boots per kit)
114911	Green Lamp Filter (3 boots per kit)
114912	Blue (Lunar White) Lamp Filter (3 boots per kit)
114913	Yellow Lamp Filter (3 boots per kit)
LED Light Kits for Impact & Competition Tachs & Gauges Lines	
Change the color not the gauge! Replace the 194 incandescent bulb with these LED circuit boards for longer life and brighter colors.	
114920	Red LED Kit for tachs and speedometers
114921	Red LED Kit for gauges
114922	Green LED Kit for tachs and speedometers
114923	Green LED Kit for gauges
114924	Blue LED Kit for tachs and speedometers
114925	Blue LED Kit for gauges
114953	Red/Orange LED Kit for tachs and speedometers
114952	Red/Orange LED Kit for gauges
114957	White LED Kit for tachs and speedometers
114956	White LED Kit for gauges



Change the color not the gauge!
Our LED light kits plug in to the light socket. You can change the lighting color anytime.

Shift Light Kits	
For use with 5" or 3-3/8" memory tachometers - not for Ultra-Shift Lights™ Plug into the connector on the tachometer to receive.	
114914	5" x 1-5/8", amber LED, gray case
114915	5" x 1-5/8", red LED, gray case
114916	5" x 1-5/8", blue LED, gray case
Replacement Shift Light LED Kits	
For external shift lights included with 5" tachometers - not for Ultra-Shift Lights™ Provided for those who wish to change the LED color of the shift light.	
114898	Amber Shift Lamp LED kit, 1-5/8" w/night cover
114899	Red Shift Lamp LED kit, 1-5/8" w/night cover
114600	Blue Shift Lamp LED kit, 1-5/8" w/night cover



BEZELS/FUEL PUMPS

Replacement Bezels for Competition Tachs & Gauges Line

The bezel on the Competition Tachs & Gauges line can be removed without interfering with the inner workings of the instruments. We have provided the following replacement bezels for those who want to customize their instruments or if a bezel gets damaged..

114615	2-1/16" Silver replacement bezel
114616	2-5/8" Silver replacement bezel
114617	3-3/8" Silver replacement bezel
114618	5" Silver replacement bezel
114603	2-1/16" Black replacement bezel
114604	2-5/8" Black replacement bezel
114605	3-3/8" Black replacement bezel
114606	5" Black replacement bezel
114611	2-1/16" Paintable replacement bezel
114612	2-5/8" Paintable replacement bezel
114613	3-3/8" Paintable replacement bezel
114614	5" Paintable replacement bezel

Original Black w/Silver



Black w/Black Bezel

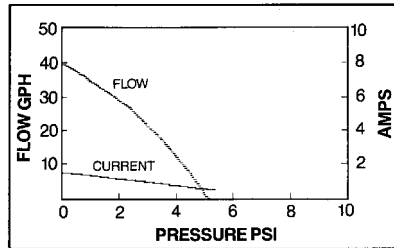


3 Painted Bezels

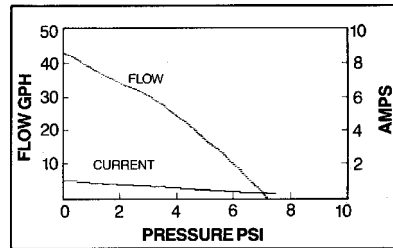
Silver w/Black Bezel



82050



82051



82050, -52, -54

Electric Fuel Pumps - Gasoline

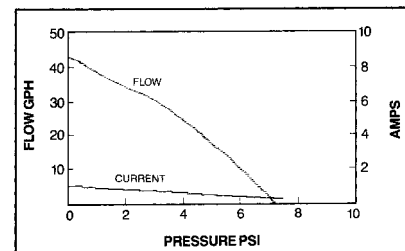
82050 Series (below) is a powerful piston type pump with solid state reliability. Built in filters, microcarbon filter dissipates water, magnetic filter traps metallic particles.

82051	12V Neg Ground, 5 psi, 1/4" internal PT
82050	12V Neg Ground, 7 psi, 1/4" internal PT
82052	12V Pos/Neg Ground, 7 psi, 1/4" internal PT, double insulated
82504	12V Pos/Neg Ground, 7 psi, 1/4" internal PT
82053	Gasoline Fuel Pump Service Kit, Gasket, Filter Element

Electric Fuel Pumps - Marine(Diesel)

Corrosion resistant to prevent leakage. No possibility for accidental grounding. Approved by Underwriters Laboratories and U.S. Coast Guard regulations for diesel applications.

82055	12V Pos/Neg Ground, 7 psi, 1/4" internal PT
82057	12V Pos/Neg Ground, 4 psi, 1/4" internal PT
82058	Diesel Fuel Pump Service Kit, Gasket, Filter Element
76579-4	Recommended safety switch



82055



82055

MOUNTING OPTIONS: CUPS/PANELS/BRACKETS

Cup Kits	
The first four cups below fit the Competition Tachs & Gauges product line	
114835	2-1/16" Chrome plated, for electric and mechanical gauges
114836	2-5/8" Chrome plated, for electric and mechanical gauges
114837	2-1/16" Gray, for electric and mechanical gauges
114838	2-5/8" Gray, for electric and mechanical gauges
The cup below fits the Deluxe line 2-5/8" gauges	
366MP-F	2-5/8", black w/strap and mounting hardware
Panels	
The panels below fit all the Stewart Warner instruments for the specified size	
114829	2-1/16" Chrome plated, one-hole
114830	2-5/8" Chrome plated, one-hole
114831	2-1/16" Chrome plated, two-hole
114833	2-1/16" Chrome, three-hole
114834	2-5/8" Chrome, three-hole
	5-gauge panel w/engine turned insert-available in Spring 2006-see www.StewartWarner.com for part number.
Strap & In-Dash Mounting Kit	
The strap and in-dash kit below fit the Competition Tachs & Gauges product line	
114839	Strap and base for 5" and 3-3/8" tachs
114624	In-dash mounting kit for 5" and 3-3/8" tachs



114836



114837



114839



114624



5-Gauge panel available
in Spring 2006
(Gauges not included)



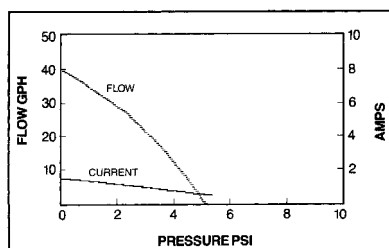
114833



114831



114829



82057