

**LIVORSI**  
Automotive

**cmi**   
STAINLESS EXHAUST



The #1 Choice in Performance!

Volume 3

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Vehicles featured on the front cover from the top:  
Tatum Motorsports, Code Red Firebird by Bob Bertelsen and Fesler Built.

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## Livorsi DashDesigner®

If you're ready to start crafting your new dash, visit [www.livorsi.com/auto](http://www.livorsi.com/auto) where you'll find the Livorsi Dash Designer. This interactive tool lets you choose from several color options to help you imagine the possibilities.

To view more ideas, see page 4.



# Stock Gauges

The charts below illustrate part numbers for our stock gauges. Choose from Platinum on Platinum or Platinum on Black. Each gauge will include all required hardware for proper installation.  
For replacement senders see page 9.

The plug-in connectors are waterproof and resist dust intrusion.  
These gauges include LED back lighting for easy viewing in low light conditions.

cutout size	overall size
2 1/16"	2 3/8"
2 5/8"	2 3/4"
3 3/8"	3 3/4"
4 5/8"	5"

## Gas Tachometers- 3 3/8" - 4 5/8"

Function	Platinum Dial Platinum Rim			Platinum Dial Black Rim			Info
	2 5/8"	3 3/8"	4 5/8"	2 5/8"	3 3/8"	4 5/8"	
6,000 RPM	-	332061	452061	-	332065	452065	gas, 4, 6, 8 cylinder & V10 engines, includes DCH
8,000 RPM	252081	332081	452081	252085	332085	452085	gas, 4, 6, 8 cylinder & V10 engines, includes DCH
10,000 RPM	-	332101	452101	-	332105	452105	gas, 4, 6, 8 cylinder & V10 engines, includes DCH

## GPS Speedometers- 3 3/8" - 4 5/8"

Function	Platinum Dial Platinum Rim		Platinum Dial Black Rim		Info
	3 3/8"	4 5/8"	3 3/8"	4 5/8"	
80 MPH	331081	451081	331085	451085	requires a GPS receiver
100 MPH	331101	451101	331105	451105	requires a GPS receiver
120 MPH	331121	451121	331125	451125	requires a GPS receiver

## Electric & Mechanical 2 1/16" - 2 5/8"

Function	Platinum Dial Platinum Rim		Platinum Dial Black Rim		Info
	2 1/16"	2 5/8"	2 1/16"	2 5/8"	
Boost 0-35 PSI	203431	253431	203435	253435	mechanical, includes HKA (10')
Clock	-	259001	-	259005	electric , includes DCH
Fuel Level 240-33 ohms	204141	254141	204145	254145	electric, includes DCH
Fuel Level 0-90 ohms	204201	254201	204205	254205	electric, includes DCH
Fuel Pressure 0-15 PSI	204101	254101	204105	254105	electric, includes DCH, sender 004150
Fuel Pressure 0-90 PSI	204191	254191	204195	254195	electric, includes DCH, sender 004190
Fuel Pressure 0-100 PSI	203111	253111	203115	253115	mechanical
Oil Pressure 0-80 PSI	204381	254381	204385	254385	electric, includes DCH, 003080
Oil Pressure 0-100 PSI	203311	253311	203315	253315	mechanical, includes HKA (10')
Oil Temperature 140-340° F	204501	254351	204505	254355	electric, includes DCH, sender 005180
Transmission Temperature 100-340° F	204601	254601	204605	254605	electric, includes DCH, sender 005180
Vacuum/Boost 30 in hg /boost 20 PSI	203421	253421	203425	253425	mechanical, includes HKA (10')
Voltmeter 8-18V	204701	254701	204705	254705	electric, includes DCH
Water Level	-	254801	-	254805	electric, includes DCH
Water Temperature 100-250° F	204861	254861	204865	254865	electric, includes DCH, sender 005180



# Stock Gauges

Tachometers- Gas  
3 3/8" - 4 5/8"



Mini Tach- Gas  
2 5/8"



Speedometers- GPS  
3 3/8" - 4 5/8"



Electric  
2" - 2 5/8"



Mechanical  
2" - 2 5/8"



# Custom Gauges

## Private Labeling

Reach the final frontier of personalized gauges!

Livorsi can screen your company name, your team mascot or even your nickname on gauge dials. Ink colors are limited to: black, white, red & yellow.

Extra fees apply.



## More Color Options

Livorsi has in-house powder coating capabilities. This means that in addition to our 5 standard dial colors, we have the ability to powder coat dials and pointers in any of the Livorsi colors. Check out the color guide. Extra fees apply.



## More Freedom

Want something totally unique?

Livorsi's new digital printer opens up a whole new world of possibilities including: intricate multi-colored logos, unique fonts and realistic photographic backgrounds.





# Color Options

## Dial Colors



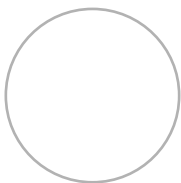
Platinum  
PL



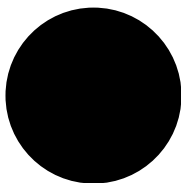
Carbon Fiber  
CF



Silver Carbon Fiber  
SF



White  
W

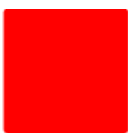


Black  
BK

## Rim & Bezel Colors



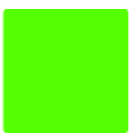
Mustard  
MU



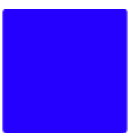
Red  
R



Orange  
O



Lime  
L



Purple  
PU



Blue  
BL



Black  
BK



White  
W



Platinum  
PL



Polished  
Stainless  
Steel  
PSS

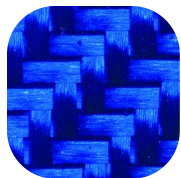
## Gauge Rim Styles

Race Rim  
Code: RR

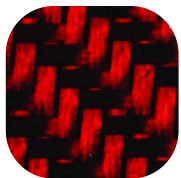


Mega Rim  
Code: MR

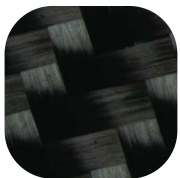
## Carbon Fiber Colors for Dash Panels



blue carbon fiber



red carbon fiber



carbon Fiber



silver carbon fiber

# Mega & Race Series

Easy to install, the plug-in feature on our instruments significantly decreases installation time. The plug-in connectors are waterproof and resist dust intrusion. These gauges include LED back lighting for easy viewing in low light conditions.



Tachometers- Gas  
3 3/8" - 4 5/8"

Mini-Tach 8K RPM -  
2 5/8" cutout

Function	SIZES			Info
	2 5/8"	3 3/8"	4 5/8"	
6,000 RPM	-	DCS6000	DCL6000	gas, 4, 6, 8 cylinder & V10 engines, requires: DCH
8,000 RPM	MT8000*	DCS8000	DCL8000	gas, 4, 6, 8 cylinder & V10 engines, requires: DCH * MT8000 does not require DCH
10,000 RPM	-	DCS10000	DCL10000	gas, 4, 6, 8 cylinder & V10 engines, requires: DCH



Dial		Rim	
	W		
	PL		
	BK		
	CF		
	SF		

Speedometers- GPS  
3 3/8" - 4 5/8"

Function	SIZES		Info
	3 3/8"	4 5/8"	
80 MPH (0-80)	GPSS80	GPSL80	requires: a GPS receiver GPSSQ3
100 MPH (0-100)	GPSS100	GPSL100	
120 MPH (30-120)	GPSS120	GPSL120	
140 MPH (50-140)	GPSS140	GPSL140	
160 MPH (40-160)	GPSS160	GPSL160	
180 MPH (60-180)	GPSS180	GPSL180	

cutout size	overall size
2 1/16"	2 3/8"
2 5/8"	2 3/4"
3 3/8"	3 3/4"
4 5/8"	5"



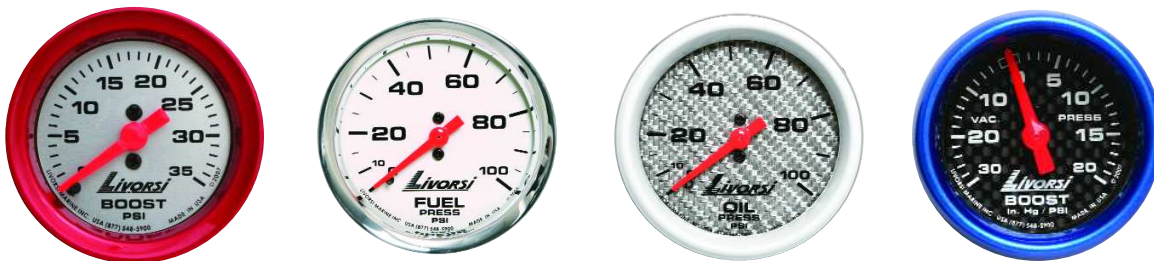
# Mega & Race Series

Electric  
2" - 2 5/8"



Function	SIZES		Info
	2 1/16"	2 5/8"	
Clock	-	DCC	electric , requires: DCH
Fuel Level 240-33 ohms	DCSFL	DCLFL	electric, requires: DCH
Fuel Level 0-90 ohms	DCSFLGM	DCFLGM	electric, requires: DCH
Fuel Pressure 0-15 PSI	DCSFP	DCFP	electric, requires: DCH, sender 004150
Fuel Pressure 0-90 PSI	DCSFP90	DCFP90	electric, requires: DCH, sender 004190
Oil Pressure 0-80 PSI	DCSOP80	DCOP80	electric, requires: DCH, 003080
Oil Temperature 140-340° F	DCSOT	DCOT	electric, requires: DCH, sender 005180
Transmission Temperature 100-340° F	DCSTT	DCTT	electric, requires: DCH, sender 005180
Voltmeter 8-18V	DCSVM	DCVM	electric, requires: DCH
Water Level	DCSWL	DCWL	electric, requires: DCH
Water Temperature 100-250° F	DCSWTA	DCWTA	electric, requires: DCH, sender 005180

Mechanical  
2" - 2 5/8"



Function	SIZES		Info
	2 1/16"	2 5/8"	
Boost 0-35 PSI	DCSMB35	DCMB35	mechanical, requires: HKA (10')
Fuel Pressure 0-100 PSI	DCSMFP100	DCMFP100	mechanical
Oil Pressure 0-100 PSI	DCSMOP	DCMOP	mechanical, requires: HKA (10')
Vacuum/Boost 30 in hg /boost 20 PSI	DCSMVB	DCMVB	mechanical, requires: HKA (10')

# Gauge Accessories

GPS Antenna  
Part# GPSSQ3

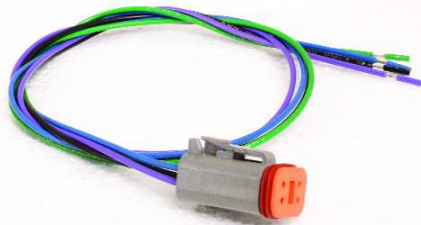


Memory Tach Recall



black switch plate	MTRBK
white switch plate	MTRW

Four Pin Connector & Wire  
Harness  
18 in.  
Part# DCH



Pin # 1 = BLUE, 12v+ illumination  
Pin # 2 = VIOLET, 12v+ ignition power  
Pin # 3 = BLACK, engine or battery ground  
Pin # 4 = GREEN, signal from sender

LED Gauge Lighting

Wedge base bulb for  
4 5/8", 3 3/8" & 2 5/8"  
Mega & Race Series gauges



Color	Part #
amber	LEDWA
blue	LEDWBL
green	LEDWG
red	LEDWR
white	LEDWW



Hand Crimper  
Part# DCHCS



wedge



lock

DC Connector Components

Description	Part #
2 pin plug	DC2CPLUG
2 pin wedge lock	DC2CWL
4 pin plug	DC4CPLUG
4 pin wedge lock	DC4CWL
8 pin plug	DC8CPLUG
8 pin wedge lock	DC8CWL
12 pin plug	DC12CPLUG
12 pin wedge lock	DC12CWL
dummy plug	DCDP



Contacts  
for 16 gauge wire  
Part# DCC1416



Hose Kit  
10 feet of hose for  
mechanical gauges  
(do not use for fuel)  
Part# HKA

More Gauge Accessories

bezels	pg 22
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## More Senders

Description	Part #
Oil Pressure Sender 0-100 PSI	003100
Fuel Pressure 0-15 PSI	004150
Fuel Pressure 0-60/ 0-90 PSI	004190
Oil Pressure Sender 0-80 PSI	003080
Oil Pressure Sender Dual 0-80 PSI	003280
Oil Temperature Sender 1/4" NPT	005140
Oil Temperature Sender 1/8" NPT	005180
Oil Temperature Sender 3/8" NPT	005380
Water Temperature Sender 1/2" NPT	008120
* Water Temperature Sender 1/4" NPT 1/8" NPT with bushing	008140
Water Temperature Sender 1/8" NPT	008180
Water Temperature Sender 1/8" NPT Dual	008280
Water Level Senders 0-12"	GSWLC12
Water Level Senders 13-24"	GSWLC24



Fuel Pressure Sender  
004190



Oil Pressure Sender  
003080



Oil Temperature Senders

### WARNING:

When installing the sender for your gauge onto the engine, do NOT use any sealant on the threads ( i.e. teflon tape, pipe dope, RTV, etc.). Doing so will prevent the sender from making clean contact with the engine, which will result in either faulty or no operation of the gauge. The senders have a tapered pipe thread to create a seal preventing leakage. This tapered pipe thread also completes the ground to the engine required for proper gauge operation.



### Autocal Fuel Level Senders

No moving parts to break or wear out!

- When installed in a full tank, the Auto Full Detection feature on this sender automatically calibrates itself to full
- Readings are unaffected by forward movement or rocky roads
- Electronics in the unit head converts the measured capacitance to the programmed output of ohms or volts
- A two terminal unit works on both 12 or 24 volts
- 240/33 ohms in stock, ready to ship
- Custom length and ohms resistances available, (10-14 day lead time)
- Installs in the standard SAE 5 bolt pattern floating arm mounting plate

When ordering...

- must have depth of tank
- specify if: gas, diesel or gasohol

Fuel Level Senders 240-33 ohm	
0-12"	AFLS12
13-24"	AFLS24
Fuel Level Senders 0-90 ohm	
0-12"	AFLS12-0/90
13-24"	AFLS24-0/90
cut & calibrate	CC FL
cork gasket	GSFLCG

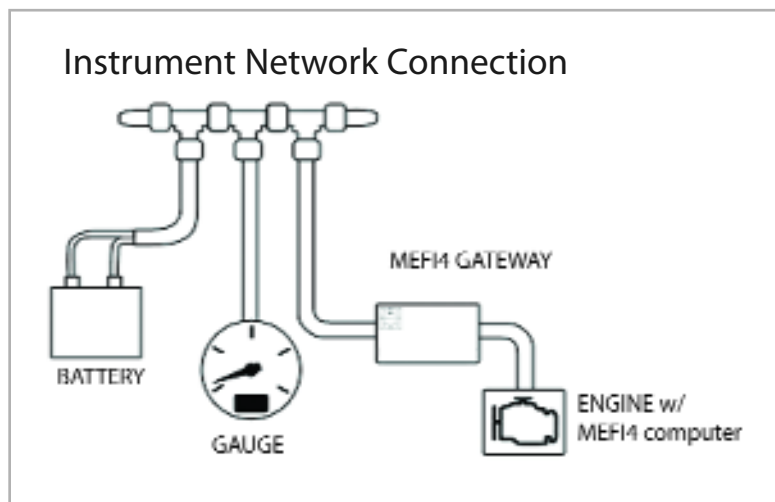


# MEFI4 Gateway



- Converts MEFI4 into NMEA2000 protocol
- Turn your Navigation screen into a digital dash
- Monitor your engine on your NMEA compatible Lowrance, Garmin or similar navigation unit
- Real time fault codes
- View real time accurate engine data
- Easy to install on any MEFI CAN set up

Description	Part#
MEFI4 Gateway	MEFI4G
MEFI4 rigging kit	MEFI4RK



## Translated J1939 Parameters

EEC1 - Electronic Engine Controller 1  
 Engine Speed  
 EFL/P 1 - Engine Fluid Level / Pressure 1  
 Fuel Pressure  
 Engine Oil Pressure

## Translated MEFI4A Parameters

Engine Speed  
 Engine Coolant Temperature  
 (transmitted as Engine Temp)  
 Battery Potential  
 (transmitted as Alternator Voltage)  
 Engine Oil Pressure  
 Vessel Speed  
 (transmitted as Speed, Water Referenced)  
 Engine Fuel Rate  
 Engine Hour Meter  
 Fuel Pressure  
 Engine Discrete Status flags:  
 Check Engine  
 Rev Limit Exceeded  
 Low Oil Pressure  
 Low System Voltage  
 Low Oil Level  
 General Warning 1  
 General Warning 2  
 Low Fuel Pressure  
 Emergency Stop Mode  
 Engine Over Temp

## Translated MEFI4B Parameters

Engine Speed  
 Engine Coolant Temperature  
 (transmitted as Engine Temp)  
 Battery Potential  
 (transmitted as Alternator Voltage)  
 Engine Oil Pressure  
 Vessel Speed  
 (transmitted as Speed, Water Referenced)  
 Engine Fuel Rate  
 Engine Hour Meter  
 Fuel Pressure  
 Engine Discrete Status flags:  
 Check Engine  
 Rev Limit Exceeded

# Garmin GPSMAP® Displays

## GPSMAP® 5212

- Dimensions: 12" W x 9.5" H x 4.7" D
- Screen size: 12.1 diagonally
- Resolution: 1024 x 768

5212 display 010-00594-01

color bezel GPSB5212 + color



GPSMAP® 5212

GPSMAP® 5208

GPSMAP® 740

## GPSMAP® 5208

- Dimensions: 10.1" W x 6.8" H x 4.2" D
- Screen size: 8.4" diagonally
- Resolution: 640 x 480

5208 display 010-00593-01

color bezel GPSB5208 + color

## GPSMAP® 740

- Dimensions: 8.8" W x 5.6" H x 3.1" D
- Screen size: 7" diagonally
- Resolution: 800 x 480
- Built in GPS Antenna

740 display GPSMAP740

color bezel GPSB704 + color

- Revolutionary menu-driven touchscreen interface
- High resolution display
- For the ultimate hi-tech dash, combine this awesome tool with Vantage View or Mega & Race Series gauges
- User settable warnings, screen will flash red when tripped
- Do more with less, the previous page shows all the parameters that can be viewed on these Garmin units

### Colors Available



# Vantage View®

Compatible with: MEFI4B, SAE J1939, Indmar, NMEA2000® & Smartcraft®

Vantage View is a system that displays performance data for J1939, MEFI, MEFI4B Controller compatible engines. This system comprises of a Master Tach that contains a LCD screen in which the user is able to view the overall performance of the vehicle.

- An exceptional tool for monitoring the performance of your vehicle
- User settable warning alarms- max. of 15
- Red LED backlighting- user adjustable intensity
- Mix and Match sizes to better accommodate your dash space



Alarm setup

The Vantage View system allows the user to input up to 15 alarms. The built-in LED warning light illuminates on the corresponding gauge when vehicle is operating outside the appointed limits.

Choose between two main screen formats: single or three parameter.



single



three parameter



black dial



white dial

## Master Tachometers- SAE J1939, Indmar & MEFI4B

Description	Part Number		Requires
	3 3/8"	4 5/8"	
4000 RPM black	VJS4KBK †	-	Corresponding Master Harness & slave harness
4000 RPM platinum	VJS4KPL	VJL4KPL	
4000 RPM white	VJS4KW	VJL4KW	
7000 RPM black	VJS7KBK †	-	
7000 RPM platinum	VJS7KPL	VJL7KPL	
7000 RPM white	VJS7KW	VJL7KW	

Note: † Available with black dials

cutout size	overall size
3 3/8"	3 7/8"
4 5/8"	5"





# Vantage View®

Navigation and setup is made possible with the use of VV Switches or a Control Pod.  
A simple menu combined with large easy to read graphics makes for easy navigation and a painless setup.

## VV Switches

VVSAW assembly kit includes:

- Two switches & 2 boots
- DCC contacts for easy installation
- Requires two 1/2" cutout outs for switches

Description	Part Number
assembly kit	VVSAW
mode switch only	TSMF
up/down switch only	TSMFM
black switch boot	TSRBBK
plate- optional, 2 3/4" diam.	PSSP + color



optional plate

## Slave Harnesses

Slave Harnesses- short	
2 gauge- 17 inches	VVSH2S
4 gauge- 37 1/2 inches	VVSH4S
6 gauge- 54 1/2 inches	VVSH6S
Slave Harnesses- long	
2 gauge- 27 1/2 inches	VVSH2L
4 gauge- 53 1/2 inches	VVSH4L
6 gauge- 78 1/2 inches	VVSH6L



2 Gauge Slave Harness

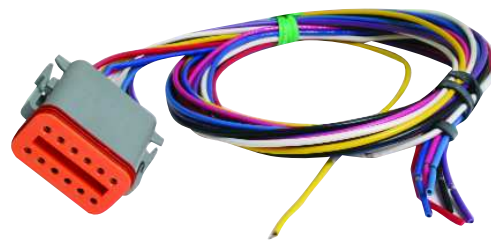


GPS Antenna  
Part# GPSSQ3VV



### Control Pod

2 1/8" diam. cutout  
2 11/16" x 2 11/16" overall  
Part # VVCPSA + color



SAEJ1939/Indmar  
Harness - 36 in.

Part Number VVMHJI



NMEA 2000 Micro C Male  
Master Harness - 36 in.

Part Number VVMHIL

# Vantage View®

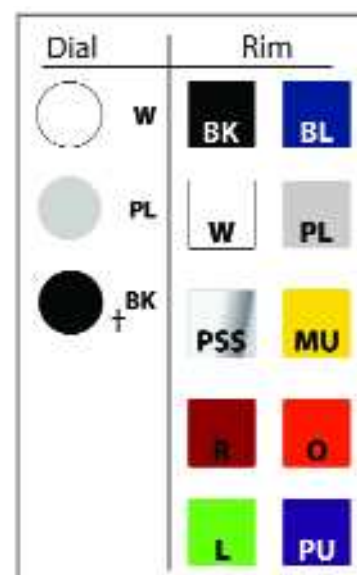
## Slave Gauges

Description	Part Number		Requires
	Small 2 1/8"	Large 2 1/2"	
boost 0-35 PSI	VJSB †	VJLB	slave harness
fuel level 1	VJSFL1 †	VJLFL1	
oil level 1	VJSOL1	VJLOL1	
oil pressure 0-80 PSI	VJSOP †	VJLOP	
oil temperature 0-280°F	VJSOT †	VJLOT	
voltmeter 10-16V	VJSVM †	VJLVM	
water pressure 30 PSI	VJSWP30	VJLWP30	
water pressure 60 PSI	VJSWP60	VJLWP60	
water temperature 100-240°F	VJSWT †	VJLWT	
† Note: Available with black dials			

cutout size	overall size
2 1/8"	2 1/4"
2 1/2"	2 7/8"
3 3/8"	3 7/8"
4 5/8"	5"

## Slave Gauges- NMEA2000® compliant

Description	Part Number		Requires
	Small 2 1/8"	Large 2 1/2"	
voltmeter- alternator 10-16V	VVNISVMA †	VVNILVMA	slave harness
water pressure 30 PSI	VVNISWP30C †	VVNILWP30C	
water pressure 60 PSI	-	VVNILWP60C	
†Note: Available with black dials			



## Speedometers

Description	Part Number		Requires
	3 3/8"	4 5/8"	
60 MPH	VJS60	VJL60	slave harness connection to CAN BUS or GPS antenna
80 MPH	VJS80	VJL80	
100 MPH	VJS100 †	VJL100	
120 MPH	VJS120	VJL120	
160 MPH	VJS160 †	-	
GPS antenna	GPSSQ3VV		
† Note: Available in a black dial			

## Four Function Gauge

- 4 5/8" cutout, 5" overall
- Platinum or white dial

Save dash space with this four function gauge:

- oil pressure
- water temperature
- volts
- fuel level

Part Number	VJ4F
-------------	------



# Vantage View®



boost



fuel level



oil pressure 0-80 PSI



oil temperature  
100-280° F



voltmeter 10-16V



water pressure 0-30 PSI



water pressure 0-60 PSI



water temperature  
100-240° F

## Speedometers



80 MPH



100 MPH



120 MPH



Four Function Gauge



# GPS Speedo

## with Odometer

This stand alone GPS speedometer is a digital gauge with an analog readout and a built in LCD odometer. Designed to be hassle free, this gauge relies on GPS satellite signals to display accurate speed and miles traveled, so there is no need to calibrate this gauge with gear ratios or tire size.

- Complements Livorsi Vantage View and Mega/Race Series Gauges
- No calibration required
- LCD displays odometer and 3 resettable trip odometers
- Updates 1x per second
- Optional 10x update is available

Function	SIZES		Info
	3 3/8"	4 5/8"	
120 MPH	GPSSO120K	GPSLO120K	Kit includes: gauge, GPS antenna, 1 switch, 1 harness
160 MPH	GPSSO160K	GPSLO160K	

### Colors Available



Tatum Motorsports

# Panels

- An attractive and functional addition to your 700, 660, or 450 Rhino dash
- Heavy gauge brushed aluminum panel
- Fits up to 3 gauges (2 1/16" cutout)
- Includes mounting frames for up to 6 weather resistant rocker switches
- Panel comes with mounting modules and plugs for 6 switches
- Complete with all mounting hardware
- One size fits all Rhinos

## Yamaha Rhino Panels



black- 2 gauge	RPB2
black- 3 gauge	RPB3
brushed aluminum- 2 gauge	RPA2
brushed aluminum- 3 gauge	RPA3

Note: Rhino gauges & rocker switches are not included. For Rhino gauges please contact Black Rhino.  
[www.blackrhinoperformance.com](http://www.blackrhinoperformance.com)

## Dash panels made to order!

Our panels provide the perfect backdrop for your gauges. Choose from aluminum with a powder coat finish or true carbon fiber. One of a kind or 100, send us a dimensional drawing or send in your existing panel & we'll do the rest.

For a quote please call 847-752-2700.



Carbon Fiber



Blue Carbon Fiber



Silver Carbon Fiber



Red Carbon Fiber

# Panel Accessories

super bright red- 3/8" panel mount	GWSL
indicator light small- 1/4" cutout	ILRS
indicator light- 5/16" cutout	ILR
Alarm - 97 decibel	GWA



GWSL



ILRS

ILR



GWA

# Keypad Start



SEKPSPLRR

Our new single ignition keypad start eliminates the need for a traditional style ignition key switch while adding an extra measure of security.

- 2 5/8" cutout size, 2 3/4" overall
- Black face only
- Available in all the Livorsi rim colors
- Uses the latest in vibration resistant circuitry
- Allows the use of a four digit code of your choice to operate ignition start, stop and accessory functions of a single engine application

Part# SEKPS + rim color + rim style

## Rim Colors Available



## Rim Styles Available

Mega- MR

Race- RR

# Switches



## Military Toggle Switches

- Military type specs
- Environmentally sealed
- 15 amps at 28 VDC
- 1/2" cutout
- Screw terminals
- Lift / lock lever

Single Pole	
on/off	MTSSNF
on/off/on	MTSSNFN
mom on/off	MTSSMF
Double Pole	
on/off	MTSDNF



## Military Rocker Switches

- Military type specs
- Environmentally sealed
- 15 amps at 28 VDC
- .94" X 1.51" cutout

Single Pole	
mom on/off/mom on	MRSSMFM
Double Pole	
mom on/off/mom on	MRSDMFM
military cover	MC + color
covers available: red (R), white (W) or translucent (TR)	



## Key Ignition Switch

single pole 3/4" cutout

KIS

## Start / Kill Switches

start switch panel mounted, push button	GSSM
shunt converts 24V to 12 V	GIS

kill switch/tether normally closed	KIO
kill switch/tether normally open	KOB

## Pressure / Temperature Switches

Low Pressure	
1/8" NPT normally closed 2, 4, 10, 30, 40 or 50 PSI	GWP + PSI
High Temperature	
oil- 3/8" NPT 275° F normally open	GWT275I



# Switches

Single Pole- Lighted	
on/off	RSSNFL
on/off/on	RSSNFNL
Single Pole- Non Lighted	
mom on/off	RSSMF
mom on/off/mom on	RSSMFM

Double Pole	
on/on- non lighted white	RSDNNW
on/off- lighted	RSDNFL
on/off/on- lighted	RSDNFNL
mom on/off/mom on -non lighted	RSDMFM

Switch Covers Only	
no light	SCNL
1 light	SC1L
2 lights	SC2L
Cover Removal Tool	SCRTL



## Rocker Switches

- Dust & moisture protected
- Snap bracket mounting hole
- 20 amps at 12 VDC
- 1/4" push-on connectors
- .83" x 1.450" cutout
- Available in black or white

## Push Button Circuit Breaker

w/ clear boot ( 3/8" cutout)

10 amp	PBCB10
15 amp	PBCB15
20 amp	PBCB20
boot only	PBBCL



## Xtreme Nut & Boot System

For Push Buttons  
3/8" threaded neck/ 6 pack  
Part# XCBNB + color



## Toggle Switches

- Nickel plated brass
- 1/2" cutout
- 25 amps at 12 VDC
- Boots sold separately

Single Pole	
on/off	TSNF
on/off/on	TSNFN
mom on/off/mom on	TSMFM
switch cover- red	TSC

rubber boot	TSRB + color
available in: purple, yellow, white, blue, red, orange, or black	

red switch cover	TSC
------------------	-----



## Xtreme Nut & Boot System

For Toggle Switches  
15/32" threaded neck/ 6 pack  
Part# XTNB + color



# Steering Wheels

## Isotta

- 13 1/2" diameter
- 6 bolt pattern
- 10-32 thread pitch

- 12" diameter
- 6 bolt pattern
- 10-32 thread pitch

Flat bottom



ISWFL13BLCH ISWFL13RCH



ISWFL13CHBK

Round bottom



ISW12R



ISW12BL

Aria



ISWAR



ISWABL



ISWAS

Carlotta



ISWCSF

## Momo

- 13 1/2" diameter
- 6 bolt pattern
- 10-32 thread pitch



MSSWPBL

MSSWPPU

MSSWPR

MSSWPMU

MSSWPPL

## Colors Available



### Billet Battery Boxes

- Fits group 34 Optima batteries
- Adds protection to your battery
- Machined from billet aluminum
- Optional cover hides battery terminals
- Private labeling available
- UV resistant powder coated finish for long lasting color

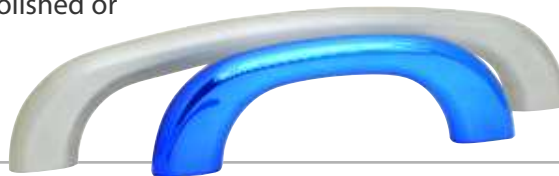


box only	BBBO + color
cover only	BBBCO + color

Private Labeling available,  
please call for details.

### Grab Handles

- Choose from smooth or grip handle
- Available in UV resistant polished or powder coated finish



smooth 7" 6 15/16" overall	GHAS7 + color
smooth 12" 11 7/16" overall	GHAS12 + color

### Xtreme Nut & Boot System

- Installs easily with out removing the dash panel
- Sold as a 6 pack, each pack includes:  
nuts, boots, seals and wrench
- Colors: Blue, Lime, Mustard, Orange, Platinum, Purple, Red, Teal & Stainless Steel



For Push Buttons  
3/8" threaded neck  
Part# XCBNB + color



For Toggle Switches  
15/32" threaded neck  
Part# XTNB + color

### Fire Extinguisher Mount

- Billet aluminum
- Quick release pin
- UV resistant powder coated finish for long lasting color

Part# FEM + color



### Fire Extinguisher

- Dry ABC extinguisher
- 2 1/2 lbs.
- Refillable

Part# FE



# Bezels

## Colors Available



### Flat



Fits a...	cutout	overall	part#
ignition switch	3/4"	15/16"	FL34
cigarette lighter	7/8"	1 3/8"	FL78
standard gauges	2 1/16"	2 3/4"	FL216
monster gauges	2 5/8"	3 1/4"	FL258
speedo/tach	3 3/8"	4 1/4"	FL338
monster GPS/tach	4 5/8"	5 1/2"	FL458



FL + size + color

### Angled



Fits a...	cutout	overall	part#
standard gauge	2 1/16"	2 3/4"	AG216
monster gauge	2 5/8"	3 1/4"	AG258
speedo/tach	3 3/8"	4 1/4"	AG338
monster GPS/tach	4 5/8"	5 1/2"	AG458



AG + size + color

### Polish Finish Only



Fits a...	cutout	overall	part#
standard gauges	2 1/16"	2 13/16"	FL216SS
monster gauges	2 5/8"	3 3/8"	FL258SS
speedo/tach	3 3/8"	3 3/4"	FL338SS
monster GPS/tach	4 5/8"	5 11/16"	FL458SS



FL + size + SS

# Actuators



Safe work load  
limit of 400 lbs.

- Heavy duty, sealed ball bearing motor allows for locking of truck covers, won't open at high speeds
- More cost effective than hydraulic or pneumatic models
- Provides consistent performance throughout their lifetime
- Lifts twice as fast and has twice the power of other actuators

Adjustable Bracket  
stainless steel bracket &  
aluminum sleeve  
HABT



Actuator Bracket  
stainless steel  
HAB



Quick Release Pin  
stainless steel & aluminum  
HAQRP



## Stainless Housing

SIZE	CLOSED	OPEN	PART #
4" throw	10.32"	14.32"	SSA4
8" throw	14.32"	22.32"	SSA8
12" throw	18.32"	30.32"	SSA12
16" throw	22.32"	38.32"	SSA16
18" throw	24.32"	42.32"	SSA18
24" throw	30.32"	54.32"	SSA24

# Beverage Holders

## LED Lighted Beverage Holders

- 3 1/2" cutout, 4 3/4" overall
  - Fits cans, bottles and kuzis
- Includes:
- Stainless steel rim
  - 3/8" drain fitting
  - Removable rubber insert for a snug fit
  - 12" harness



Color	Part Number
blue	LBHBL
green	LBHGR
red	LBHR

## Beverage Holders

- Fits: cans, bottles and kuzis
- 304 stainless steel
- Optional fittings available for both styles



## Stainless Finish

Description	cutout	overall	part#
small stainless	3 1/2"	4 1/8"	SBHS
large stainless	3 3/4"	4 1/2"	SBHL

## Drain Fittings

Description	part#
3/8" straight push on	SBHFS3/8
3/8" 90° push on	SBHF903/8
drain cap	SBHC

## Powder Coat Finish

Description	cutout	overall	part#
small	3 1/2"	4 1/8"	SBHS + color
large	3 3/4"	4 1/2"	SBHL + color

### Colors Available



# Stainless Headers



These headers are made from mandrel bent 304 stainless steel with a brushed satin finish.

Headers can be built with a minimum of 5/8" and maximum of 5" OD. Various wall thicknesses are available.

Pricing as low as  
\$1,150 standard collector  
\$1,350 with a muffler

For more information, please call CMI at  
920-720-4225.



# Terms and Conditions

## WARRANTY

All Livorsi® products carry a limited one year warranty for repair or replacement at Livorsi's discretion. All Livorsi® products are warranted to be free of defects in material and workmanship. Users/Customers of Livorsi Marine®/Livorsi® products agree not to hold Livorsi Marine, Inc., its owner or employees responsible for any damages occurring by improper installation or use of Livorsi Marine® or Livorsi® products. The company, owner or its employees will not be liable for more than the cost of the original product and in no event will Livorsi Marine® or Livorsi® be liable for special, indirect or consequential damages of any kind whatsoever.

## WARRANTY RETURNS

Due to a large number of non defective gauges being returned, Livorsi has had to implement the following procedure. If you think you have a defective product, before returning please trouble shoot the problem first. In many cases it is not a defective gauge and could be a defective or incorrect sender, bad connection or inefficient ground. There will be 2 ways for Livorsi to determine if the product is defective:

1. Return the product to Livorsi and we will determine if it is defective and if it is under warranty Livorsi will repair and return it. Products that to not fall under warranty will be quoted.
2. Livorsi will send a new product, charge your credit card and when you return the product in question we will determine if it is defective or not. If the gauge being returned is found defective we shall credit the original invoice. If the product is not found defective Livorsi will NOT issue any credit. If you would like the original product returned to you there will be an additional shipping charge.

For warranty questions please call 847-752-2706 or email [returns@livorsi.com](mailto:returns@livorsi.com).

For further questions or technical help go to [www.livorsi.com](http://www.livorsi.com) and click on Tech Tools or email Fred Ortega [fred@livorsi.com](mailto:fred@livorsi.com) or call 847-752-2705.

## RETURNS

A 15% restocking charge may apply to any returned items. Merchandise must be returned with shipping charges prepaid. Returns sent freight collect will be refused. Please enclose a copy of the original purchase invoice with return. Livorsi Marine, Inc. will not accept returns past 60 days. Credit will not be issued on custom or private label gauges.

## PRODUCTS

Due to changes in technology, customer demand and company direction, products may change without notice. Check our website for updated products and availability. Regardless of our line of products, our goals remain the same: QUALITY, OPTIONS AND AVAILABILITY!!

## PAYMENT TERMS

Individuals may pay by Visa, Mastercard, American Express, or cashiers check. Companies may pay by Visa, Mastercard, American Express, check, C.O.D. or on Net terms with prior credit approval

## PRICES

All prices are subject to change without verbal or written notice. Our price lists are intended as a guideline only. No responsibility is assumed for errors or omissions on product or pricing information. Possession of discount price list does not guarantee those prices to customer.

## ORDER PLACEMENT

You may phone 847-752-2700 or fax 847-752-2415 or mail your orders to Livorsi Marine®, 715 Center Street, Grayslake, IL 60030. You may also e-mail your order to [sales@livorsi.com](mailto:sales@livorsi.com). Please be sure to include your name, address, phone number and specific ordering requests.

## FREIGHT

All orders will be shipped UPS or Fedex, unless specified by customer. All orders are shipped F.O.B. Grayslake, Illinois. Any claims for shortage of product must be reported to Livorsi Marine® within 24 hours of receipt of order. If the shipment arrives damaged, contact the shipper directly, not Livorsi Marine®. Do not return damaged product to Livorsi Marine®. Handling charges are based on the speed and type of shipment requested. i.e. \$4 -ground, \$5- 3day, \$6- 2day, \$8-next day. Dropship fees may be charged if shipping to an address different from the billing address. An additional charge may be applied if customer requests special shipping company or instructions.

## REFUSED SHIPMENTS

Shipments returned to Livorsi Marine® marked "refused" or "not in when driver called" will cause the customer's buying status to be frozen until related handling and shipping charges are paid. Refusal of shipment does not release the customer from paying the related handling and shipping charges. Repeated refusal or returned shipments may cause the customer's buying status to be revoked.



For A Marine Catalog, Please Call...



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