










Livorsi can supply you with the necessary cables and connectors to expand your NMEA 2000® network. Below is a chart of in-stock parts, for more options please call Livorsi Marine for pricing and availability.

		
<p>single T connector Part Number: 010-11078-00</p>	<p>120 Ohm female terminator Part Number: 010-11081-00</p>	<p>120 Ohm male terminator Part Number:010-11080-00</p>
		
<p>backbone/drop cable 2 ft Part Number: 000-10068-001</p>	<p>single power cable Part Number: 010-11079-00</p>	<p>MercMonitor page 62</p>
		
<p>backbone/drop cable 6 ft Part Number: 010-11076-00</p>	<p>backbone/drop cable 18 ft Part Number: 010-11076-01</p>	<p>backbone/drop cable 30 ft Part Number: 010-11076-02</p>

# Mercury® In Line Gateways

The new Mercury® Gateway converts SmartCraft® engine and system data to NMEA 2000® protocol for use on non-Mercury gauges and displays such as our Adjustable Position LED Indicators. page 65

Note: Gateway will not provide operation power for devices on the NMEA 2000® network.

## Included with Gateway

- Module
- 4 mounting screws
- N2K Tee
- installation instructions



Description	Part Number
single engine gateway	SEGCANP
multi-engine gateway	MEGCANP

Signal	J1939 PGN	Mode
RPM	61444 / 0xF004	TX
Voltage	65271 / 0xFE7F	TX
Coolant Temperature	65262 / 0xFEE4	TX
Fuel Level	65276 / 0xFEFC	TX
Fuel Flow	65266 / 0xFE72	TX
Oil Pressure	65263 / 0xFEEF	TX
Boost Pressure	65270 / 0xFE76	TX
Engine Hours	65253 / 0xFEE5	TX
Manufacturer ID	61182 / 0xEEFE	TX
Alarm Data	65226 / 0xFECA	TX

Signal	NMEA2K PGN	Mode
RPM	127498 / 0x1F20A	RX / TX
Coolant Pressure	127489 / 0x1F201	RX / TX
Speed	128259 / 0x1F503	RX / TX
RPM	127488 / 0x1F200	RX / TX
Voltage	127489 / 0x1F201	RX / TX
Coolant Temperature	127489 / 0x1F201	RX / TX
Fuel Pressure	127489 / 0x1F201	RX / TX
Fuel Level	127505 / 0x1F211	RX / TX
Fuel Tank Size	127505 / 0x1F211	RX / TX
Fuel Flow	127489 / 0x1F201	RX / TX
Oil Pressure	127489 / 0x1F201	RX / TX
Oil Temperature	127489 / 0x1F201	RX / TX
Gear Temp	127493 / 0x1F205	RX / TX
Gear Pressure	127493 / 0x1F205	RX / TX
Boost Pressure	127488 / 0x1F200	RX / TX
Trim Position	127488 / 0x1F200	RX / TX
Rudder Angle	127245 / 0x1F10D	RX / TX
Depth	128267 / 0x1F50B	RX / TX
Depth Offset	128267 / 0x1F50B	RX / TX
Sea Water Temp	130310 / 0x1FD06	RX / TX
Engine hours	127489 / 0x1F201	RX / TX
Manufacturer ID	060928 / 0xEE00	RX / TX
Alarm Data	127489 / 0x1F201	RX / TX
Tabs	130576 / 0x1FE10	RX / TX
Battery	127508 / 0x1F214	RX / TX
ISO Acknowledge	059392 / 0x0E800	RX / TX
Course Over Ground	129026 / 0x9F802	RX / TX
Speed Over Ground	129026 / 0x9F802	RX / TX
GPS Position	129025 / 0x1F801	RX / TX
Address Claim	060928 / 0x0EE00	RX / TX
Product Info	126996 / 0x1F014	RX / TX

# SmartCraft® MercMonitor

featuring Mercury® Gateway

MercMonitor featuring the Mercury® Gateway converts SmartCraft® engine and system data to NMEA 2000®/J1939 protocol for use on NMEA 2000®/J1939 multi-function displays and gauges. The ECO-Screen feature constantly monitors engine RPM, boat speed, fuel consumption and engine trim<sup>‡</sup> to automatically calculate and guide you to your best fuel economy settings. No calibration required.



Displays  
NMEA 2000®  
compatible



Gauges  
NMEA 2000®  
compatible



Engines  
NMEA 2000®  
Outboards &  
Sterndrives



Systems  
Trim Tabs &  
Depth Sounders



GPS  
Chartplotters  
Pucks/Receivers

Cutout: 3 3/8"

Overall: 3 3/4"

Merc Monitor Kits		Part Number	Notes:
Data Level 1	Single Engine- Troll Control- NMEA 2000	879337K51	Race Rim sold separately
Data Level 2	Single Engine- RPM SmartTow- NMEA 2000	879338K51	Race Rim included
Data Level 3	Multi Engine- RPM SmartTow- NMEA 2000	879337K52	Race Rim included
Data Level 3	Multi Engine- SmartTow Pro- NMEA 2000	879339K51	Race Rim included
Race Rim for MercMonitor - chrome		MMRRCH	

NMEA 2000® Only Out/In Supported	Data Level
Multiple Tank Levels	2 · 3
Tabs	2 · 3
Depth	2 · 3
Sea Water Temp	2 · 3
Paddle speed	2 · 3
Pitot Speed	2 · 3
Rudder Angle	3
Gear Pressure <sup>6</sup>	3
Gear Temp <sup>6</sup>	3
Fuel Pressure	3

<sup>6</sup> Available on Cummins MerCruiser Diesel Engines  
†† Digital Trim sender required for full functionality.

NMEA 2000®/J1939† Out/In Supported	Data Level
RPM	1 · 2 · 3
Voltage	1 · 2 · 3
Oil Pressure	1 · 2 · 3
Coolant Temperature	1 · 2 · 3
Tank Level Fuel	1 · 2 · 3
Trim Position	1 · 2 · 3
Water Pressure	1 · 2 · 3
GPS Speed/COG/ Lat-Lon (in only)	1 · 2 · 3
Check Engine Alarm	1 · 2 · 3
Fuel Flow	2 · 3
Engine Hours	2 · 3
Boost Pressure <sup>5</sup>	2 · 3
Oil Temperature <sup>5</sup>	2 · 3

<sup>5</sup> Available on Mercury Verado  
† J1939 limits signals and data levels

NOTE: This MercMonitor is needed to transmit SmartCraft® information to our Adjustable Position LED Indicators, see page 65

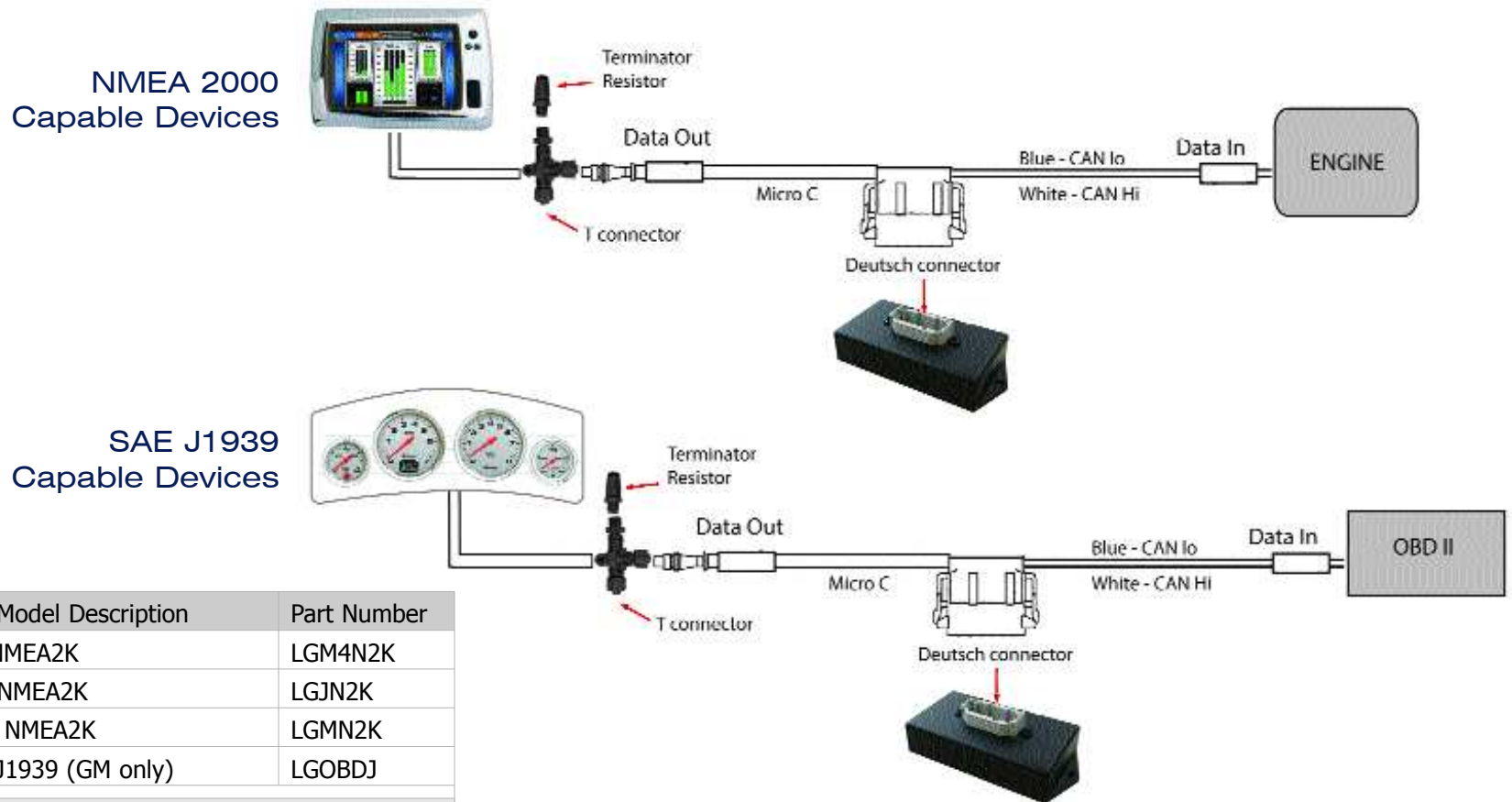
# Data Gateway (Automotive/Marine)

With the Livorsi Data Gateway you can export CAN (Controller Area Network) engine data to a NMEA 2000® device and display engine data. For use with Vantage View® gauges or a NMEA 2000® navigation device such as Garmin, Lowrance or Raymarine. Please note that engine data is only transmitted if there is a sensor to support it.

Use this gateway to translate information to our state of the art Vantage View® Gauges.

Livorsi's Data Gateway simply plugs into a standard NMEA 2000® Tee connector which can be hooked directly to your device. On the engine side it will interface via CAN+ / CAN- wires to gather the info and send it off to a screen and or gauges.

## Possible Configurations



Gateway Model Description	Part Number
MEFI to NMEA2K	LGM4N2K
J1939 to NMEA2K	LGJN2K
MoTeC to NMEA2K	LGMN2K
OBD2 to J1939 (GM only)	LGOBDJ
<b>Harness</b>	
Deutsch/Micro C, 36 inch harness	GATEWH