Original
A Tradition of Excellence
VDO Performance Instruments

VDO Programmable Speedometers
One Button Programming—no need to mess with dip switches.
Go to www.vdo.com for more programming details.

The catalog you are holding contains what we at Siemens VDO believe are the highest quality, best performing instruments on the market today. Ever since automobiles first hit the streets, we've worked to provide the most reliable, best built, and most advanced instruments available. Today, VDO Performance Instruments have earned a dedicated following among professional teams in NASCAR, IHRA, NHRA, NIRA and other major sanctions. The pros go with what works, and they've learned through real track experience that VDO's performance, accuracy, and light weight puts us ahead of the competition. Street Rodders have always known VDO for the superb fit, finish, and appearance of our instrument kits, as well as the wide range of styles we offer. Tuners have made VDO their choice for advanced technology and rock-solid reliability. World-class quality and top technology have helped make Siemens VDO an instrument supplier to leading car makers such as GM, Mercedes, BMW, Porsche, and Ford.
We thank you for choosing VDO Performance Instruments. We wish you success, whether you're on the street, strip, or track.

VDO proudly participates in the following:
Millennium Series

Since its introduction, the VDO Millennium Series has been a hit with Street Rodders and customizers. It's the look that takes performance gauges to the next level. By day, Millennium gauges wear the look of white carbon fiber. By night, dial faces go black and the backlit numerals and illuminated pointer seem to float above the dials. You choose the color of lighting to match your mood: white, red, orange, blue or green. The Millennium Series gives you the advanced technology you expect from VDO, the world leader in automotive instrumentation. Every gauge is hand-built to VDO's exacting specifications and most gauges feature our own patented rotary magnet movements for unmatched accuracy, reliability, and smooth operation. Plus, you can change tires, gears, or differential and recalibrate the auto-calibrating speedometer with the push of a button. Spin-Lok mounts make installation easier and quicker than you can say chopped and channelled.

Put more flash in your dash and pull away from the crowd with the look that takes performance to the next level... the Millennium Series from VDO.

FEATURES:
- A carbon fiber look with custom numeral graphics.
- Dramatic backlit/multiple color lighting options.
- Push-button programmable speedometer.
- Quick and easy, Spin-Lok mounting.
- Custom wiring harness with SXL insulation.
- Two-year limited warranty.

COMPLETE INSTRUMENT KIT
Complete Kit 600 Y2K
Tachometer 7,000 RPM 333 Y2K

See page 15 for a complete list of kit contents.
authentic

Cockpit Royale®

The perfect choice for the custom car builder who wants the look of the '30s and '40s. Cockpit Royale's brilliant chrome bezels and crisp white dials contrast with flat black printing and pointers.

Typography is authentic to the period, giving this gauge line a truly unique look. Cockpit Royale features VDO's unique air core electric movements, computer-balanced pointers and fully illuminated dials.

600 926
Panel not included.

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SPEEDOMETERS
Electronic, programmable, 12V, w/resettable LCD trip odometer
Features unique, easy, auto-calibration function through LCD readout.
120 MPH, 3½" dia. 437 750
120 MPH, 3½" dia. 437 752
See sending unit application page 23.

TACHOMETERS
7,000 RPM, 3½" dia. 333 707
7,000 RPM, 3½" dia. 333 708

TEMPERATURE GAUGES
Electrical, 2½" dia.
250°F, "Water Temperature" 310 710
300°F, "Oil Temperature" 310 709
250°F, "Water Temperature"
US Kit, (gauge and sender) 310 7101
250°F, "Water Temperature"
Metric Kit, (gauge and sender) 310 7102
300°F, "Water Temperature"
US Kit, (gauge and sender) 310 7091
300°F, "Water Temperature"
Metric Kit, (gauge and sender) 310 7092
See sending unit application page 24.

PRESSURE GAUGES
Electrical, 2½" dia.
80 PSI, "Oil Pressure" 350 702
80 PSI, "Oil Pressure" 350 7021
US Kit, (gauge and sender) 350 7022
Metric Kit, (gauge and sender) 350 7022
See sending unit application page 24.

FUEL GAUGES
Electrical, 2½" dia.
For VDO sender 226 002, 10-180 Ohms "Fuel" 301 733
For VDO sender 226 007, 240-33 Ohms "Fuel" 301 740
See sending unit application page 23.

VOLTMETER
2½" dia., on dial: "Volts" 332 702
12V

COMPLETE INSTRUMENT KITS
3½" dia. LCD Programmable Speedo 600 926
3½" dia. LCD Programmable Speedo 600 927
3½" dia. Mechanical Speedometer Kit 600 909
See page 15 for a complete list of kit contents.
**Heritage Gold**

If you're after the warm glow of gold and a truly elegant presentation, VDO's Heritage Gold is the gauge for you. These premium instruments feature highly polished, clear-coated brass bezels, antique weather vane-style pointers and period graphics on rich, cream-colored dials.

Heritage Gold gauges are designed and built with VDO’s unique air core electric movements and feature computer balanced pointers. A great choice for the custom car builder.

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**600 928**
Panel not included.

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**SPEEDOMETERS**

Electronic, programmable, 12V, w/resettable LCD trip odometer

Features unique, easy, auto-calibration function through LCD readout.

- 120 MPH, 3.1/8" dia. 437 850
- 120 MPH, 3.1/8" dia. 437 852

See sending unit application page 23.

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**TACHOMETERS**

Electronic, 4-6-8 cylinder, ignition hook-up

- 7,000 RPM, 3.1/8" dia. 333 800
- 7,000 RPM, 3.1/8" dia. 333 801

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**TEMPERATURE GAUGES**

Electronic, 2.1/2" dia.

- 250°F, "Water Temperature" 310 800
- 250°F, "Water Temperature" 310 8001
- US Kit, (gauge and sender) 310 8001
- 250°F, "Water Temperature" Metric Kit, (gauge and sender) 310 8002

See sending unit application page 24.

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**PRESSURE GAUGES**

Electronic, 2.1/2" dia., on dial: “Oil Pressure”

- 80 PSI 350 800
- 80 PSI, US Kit (gauge and sender) 350 8001
- 80 PSI, Metric Kit, (gauge and sender) 350 8001

See sending unit application page 24.

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**FUEL LEVEL GAUGES**

Electronic, 2.1/2" dia., on dial: “Fuel”

For VDO sender 226 002,
- 10–180 Ohms 301 800

See sending unit application page 23.

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**VOLTmeter**

2.1/2" dia., on dial: “Volts”

12V 332 800

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**COMPLETE INSTRUMENT KITS**

- 3.1/8" dia. LCD Programmable Speedo 600 928
- 3.1/8" dia. LCD Programmable Speedo 600 929
- 3.1/8" dia. Mechanical Speedometer Kit 600 919

See page 15 for a complete list of kit contents.
Cockpit

The gauge that started it all.
Years of research have revealed the best combination of colors for readability and reduced eye fatigue. The result: VDO Cockpit Instruments—great styling with uncompromising VDO quality.

**SPEEDOMETERS**
Electronic, programmable, 12V, w/ resettable LCD trip odometer
Features unique, easy, auto-calibration function through LCD readout.

- 120 MPH, 3½" dia. 437 050
- 120 MPH, 3¾" dia. 437 052
- 160 MPH, 3¾" dia. 437 053

See sending unit application page 25.

**TACHOMETERS**
6,000 RPM, 2½" dia. 333 958
8,000 RPM, 2¼" dia. 333 959
7,000 RPM, 3½" dia. 333 051
7,000 RPM, 3¾" dia. 333 055

*Also compatible with alternator hook-up.
Without shift pointer.

**TEMPERATURE GAUGES**
Electrical, 2¼" dia.

- 250°F, VDO Ohm range, “Water” 310 039
- 250°F, VDO Ohm range, “Water” w/ symbol 310 041
- 250°F, US Kit (gauge and sender) 310 0391
- 250°F, Metric Kit (gauge and sender) 310 0392
- 300°F, VDO Ohm range, “Oil” 310 012
- 300°F, US Kit (gauge and sender) 310 0121
- 300°F, Metric Kit (gauge and sender) 310 0122
- 400°F, US Kit (gauge and sender) 310 0151
- 400°F, Metric Kit (gauge and sender) 310 0152

See sending unit application page 23.

**ADAPTERS**
1/2"–14 NPT (included in kit) 180 066
3/8"–18 NPT 180 067

**CYLINDER HEAD TEMPERATURE GAUGE**
2½" dia., on dial: “Cylinder Head Temp”

- 600°F Kit 310 901
  Kits consist of gauge, 14mm sender
  (323 701) and wiring. (240 701)

**CYLINDER HEAD TEMPERATURE GAUGE ACCESSORIES**
15' intermediate wire 240 701
14mm (inside dia.) thermal sender
  (included in kit) 323 701
12mm (inside dia.) thermal sender 323 705

*Fits under spark plug or cyl. head bolt.

**PRESSURE GAUGES**
Electronic, 2¼" dia., on dial: “Oil Pressure”

- 80 PSI, 10–180 Ohms (VDO), “Oil” 350 040
- 100 PSI 10–180 Ohms (VDO), “Oil” 350 085
- 150 PSI 10–180 Ohms (VDO), “lbs/sq.in.” 350 041
- 80 PSI, US Kit (gauge and sender) 350 0401
- 80 PSI, Metric Kit, (gauge and sender) 350 0402
- 100 PSI, US Kit (gauge and sender) 350 0651
- 100 PSI, Metric Kit, (gauge and sender) 350 0652
- 150 PSI, US Kit (gauge and sender) 350 0411
- 150 PSI, Metric Kit, (gauge and sender) 350 0412

**Mechanical, 2½" dia., ½–27 NPT connection**

- 15 PSI, "Boost" 150 051
- 30 PSI, "Boost" 150 052
- 100 PSI, "Oil" 150 030

Tubing kit not included, see page 25.

**Mechanical, Oil Pressure, 2¼" dia.**

- 100 PSI, US Kit (gauge and tubing) 150 0301
- 100 PSI, Metric Kit, (gauge and tubing) 150 0302
**TURBO/BOOST GAUGES**
*Mechanical, 2 1/16" dia.*
- 15 PSI boost, US Kit (gauge and tubing) 150 0511
- 15 PSI boost, Metric Kit, (gauge and tubing) 150 0512
- 30 PSI boost, US Kit (gauge and tubing) 150 0521
- 30 PSI boost, Metric Kit, (gauge and tubing) 150 0522
- Turbo Boost, US Kit (gauge and tubing) 150 0631
- Turbo Boost, Metric Kit, (gauge and tubing) 150 0632

**PYROMETER (EXHAUST TEMP)**
*1600°F, 2 1/16" dia., on dial: "Exhaust Temp"
- 12' Kit 310 953
  Kit contains gauge (310 951), sender (323 892) and wiring harness.

**PYROMETER ACCESSORIES**
*Lead Wires*
- 30' Extension 240 092
- Thermocouple, ¼-18 NPT, Type K (included in kit) 323 892
- Weld-On Adapter (not included in kit) 240 863

**TURBOCHARGER GAUGE**
*Mechanical, 2 1/16" dia., ½-27 NPT connection*
- 0-30 In. Hg. to 25 PSI, "Turbo" 150 063
  Tubing kit not included, see page 25.

**FUEL LEVEL GAUGES**
*Electrical, 2 1/16" dia.*
- For VDO sender 226 002, 10-180 Ohms, "Fuel" 301 015
- For Beetle O.E. sender or VDO 221 012, 73-10 Ohms, "Fuel" 301 020
- For US sender, 226 007, 240-33 Ohms, "Fuel" 301 029
- For GM sender (from 1965) 0-90 Ohms, "Fuel" 301 030
  See sending unit application page 23.

**VACUUM GAUGE**
*Mechanical, 2 1/16" dia., ½-27 NPT connection*
- 0-30 In. Hg., Complete Kit, "Vacuum" 150 042
  Kit contains gauge (150 045), tubing, adapter and T-connector.

**VOLTMETER**
*2 1/16" dia., on dial: "Volt"
- 12V 332 041

**AMMETER**
*2 1/16" dia., on dial: "Amps"
- 60 Amp 190 031

**CLOCK**
*2 1/8", 12V 370 955

**COMPLETE INSTRUMENT KITS**
- 3 ½" dia. LCD Programmable Speedometer 600 923
- 3 ½" dia. LCD Programmable Speedometer 600 924
- 3 ½" dia. Mechanical Speedometer Kit 600 905
  See page 15 for a complete list of kit contents.

See page 21-22 for A-Pillar Mounting Pods and Mounting Accessories.
Cockpit White

SPEEDOMETERS
Electronic, programmable, 12V, w/resettable LCD trip odometer
Features unique, easy, auto-calibration function through LCD readout.
120 MPH, 3/4" dia. 437 201
120 MPH, 3/8" dia. 437 202
See sending unit application page 23.

TACHOMETERS
7,000 RPM, 3/4" dia. 333 255

TEMPERATURE GAUGES
Electrical, 2 1/4" dia.
250°F, "Water" 310 239
250°F, US Kit, (gauge and sender) 310 2391
250°F, Metric Kit, (gauge and sender) 310 2392
300°F, US Kit, (gauge and sender) 310 2421
300°F, Metric Kit, (gauge and sender) 310 2422
See sending unit application page 24.
Mechanical, 2 1/4" dia., 1/2"-14 adapter included
265°F, 66° Cap. tubing, "Water" 180 204
340°F, 66° Cap. tubing, "Oil" 180 206
340°F, 66° Cap. tubing, "Oil" 180 208

CYLINDER HEAD TEMPERATURE GAUGE
2 1/4" dia., on dial: "Cylinder Head Temperature"
600°F Kit 310 902

PRESSURE GAUGES
Electrical, 2 1/4" dia.
80 PSI, 10–180 Ohm (VDO), "Oil" 350 240
80 PSI, US Kit, (gauge and sender) 350 2401
80 PSI, Metric Kit, (gauge and sender) 350 2402
See sending unit application page 24.
Mechanical, 2 1/4" dia., 1/8-27 NPT connection
100 PSI, "Oil" 150 202
100 PSI, "Oil", US Kit, (gauge and tubing) 150 2021

Mechanical (Cont.)
Metric Kit, (gauge and tubing) 150 2022
0-30 in. Hg. Complete Kit, "Vacuum" 150 212
Kit contains gauge (350 214), tubing, adapter and T-connection.
See sending unit application page 24.

TURBO/BOOST GAUGES
Mechanical, 2 1/4" dia., 1/8-27 NPT connection
30 PSI, "Boost", US Kit, (gauge and tubing) 150 2081
30 PSI, "Boost", Metric Kit, (gauge and tubing) 150 2082
30 PSI, "Boost" 150 208

TURBOCHARGER GAUGE
Mechanical, 2 1/4" dia., 1/8-27 NPT connection
30 In. Hg., -25 PSI, "Turbo" 150 206
25 PSI, "Turbo Boost", US Kit, (gauge and tubing) 150 2061
25 PSI, "Turbo Boost", Metric Kit, (gauge and tubing) 150 2062

VACUUM GAUGE
Mechanical, 2 1/4" dia., 1/8-27 NPT connection
30 In. Hg. "Vacuum" 150 212
Kit contains gauge (350 214), tubing, adapter and T-connection.

FUEL GAUGE
Electrical, 2 1/4" dia.
For VDO sender 226 002, 10–180 Ohms, "Fuel" 301 216
See sending unit application page 23.

PYROMETER (EXHAUST TEMP.)
1600°F, 2 1/4" dia.
12" Kit, exhaust temperature 310 240

VOLTMETER
2 1/4" dia.
12V 332 241

COMPLETE INSTRUMENT KITS
LCD Programmable Speedometer, 3 3/8" 600 921
LCD Programmable Speedometer, 3 3/8" 600 922
See page 15 for a complete list of kit contents.
2½/8" Pro Cockpit White

VDO Pro Cockpit performance and quality with white dials and crisp, black numerals. Light, accurate, and competition proven.

See pages 9 (Cockpit White) and 7 (Cockpit) for matching Speedometers and Tachometers.

TEMPERATURE GAUGES

**Mechanical, 2½/8" dia., ½–24 NPT adapter included**

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>265°F</td>
<td>360</td>
<td>180 623</td>
</tr>
<tr>
<td>265°F</td>
<td>960</td>
<td>180 625</td>
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<tr>
<td>340°F</td>
<td>360</td>
<td>180 626</td>
</tr>
<tr>
<td>340°F</td>
<td>960</td>
<td>180 627</td>
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</table>

PRESSURE GAUGES

**Mechanical, 2½/8" dia., ½–27 NPT connection**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>15 PSI</td>
<td>150 621</td>
<td></td>
</tr>
<tr>
<td>100 PSI</td>
<td>150 624</td>
<td></td>
</tr>
<tr>
<td>100 PSI</td>
<td>US Kit, (gauge and sender) 150 6241</td>
<td></td>
</tr>
<tr>
<td>100 PSI</td>
<td>Metric Kit, (gauge and sender) 150 6242</td>
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</tr>
</tbody>
</table>

VOLTOMETER

**2½/8" dia.**

12V, “Volt” 332 621

FUEL LEVEL GAUGE

**2½/8" dia.**

10–180 Ohms for VDO sender 226 002, “Fuel” 301 621

FUEL PRESSURE GAUGE AND ISOLATOR

15 PSI, gauge only 150 621

Isolator 240 830

2½/8" Pro Cockpit Black

VDO's Pro Cockpit Black and Pro Cockpit White instruments are the result of years of competition experience and strict design and test procedures. Light, accurate and competition proven.

- Easy-to-read 2½/8" diameter.
- 360° internal balanced lighting.
- Mechanical gauges feature precision machined brass movements.
- Electrical gauges feature air core movements; pointer returns to the same rest position each time when not in use.
- Mechanical temperature gauges include armor braided capillary tubing for superior protection from abrasion.

See page 9 (Cockpit White) and page 7-8 (Cockpit) for matching Speedometers and Tachometers.

TEMPERATURE GAUGES

**Electrical, 2½/8" dia.**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>250°F</td>
<td>310 603</td>
<td></td>
</tr>
<tr>
<td>250°F</td>
<td>“Oil”</td>
<td>310 6031</td>
</tr>
<tr>
<td>US Kit, (gauge and sender)</td>
<td>310 6032</td>
<td></td>
</tr>
<tr>
<td>250°F</td>
<td>“Oil”, Metric Kit, (gauge and sender) 310 6011</td>
<td></td>
</tr>
<tr>
<td>300°F</td>
<td>“Oil”, US Kit, (gauge and sender) 310 6012</td>
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</tr>
<tr>
<td>300°F</td>
<td>“Oil”, Metric Kit, (gauge and sender) See sending unit application page 24.</td>
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</tbody>
</table>

Mechanical, 2½/8" dia., ½–24 NPT adapter included.

<table>
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<tbody>
<tr>
<td>265°F</td>
<td>310 609</td>
<td></td>
</tr>
<tr>
<td>340°F</td>
<td>310 610</td>
<td></td>
</tr>
<tr>
<td>340°F</td>
<td>Cap. Tubing, “Oil” 310 611</td>
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</tbody>
</table>

PRESSURE GAUGES

**Electrical, 2½/8" dia.**

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>15 PSI</td>
<td>350 602</td>
<td></td>
</tr>
<tr>
<td>150 PSI, US Kit, (gauge and sender) 350 6021</td>
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<tr>
<td>150 PSI, Metric Kit, (gauge and sender) 350 6022</td>
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</tr>
<tr>
<td>See sending unit application page 24.</td>
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</tbody>
</table>

**Mechanical, 2½/8" dia., ½–27 NPT connection.**

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>15 PSI</td>
<td>150 605</td>
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<tr>
<td>100 PSI</td>
<td>150 604</td>
<td></td>
</tr>
<tr>
<td>100 PSI</td>
<td>US Kit, (gauge and tubing) 350 6041</td>
<td></td>
</tr>
<tr>
<td>100 PSI</td>
<td>Metric Kit, (gauge and tubing) 310 6042</td>
<td></td>
</tr>
</tbody>
</table>

VOLTOMETER

**2½/8" dia.**

12V, “Volt” 332 601

FUEL PRESSURE GAUGE WITH ISOLATOR

15 PSI, gauge only 150 605

Isolator 240 830
Vision

VDO Vision represents a true technological advancement in instrument illumination and installation. Using fiber-optic technology, Vision instruments feature VDO's TriOptic™ through-dial lighting technology for superb nighttime illumination and pointer lighting. Illumination color can be changed from white to red or green with light diffusers (included).

The mounting system provides maximum flexibility and ease of installation. No metal brackets, nuts or washers are needed. The VDO Spin-Lok 360° Mounting System uses a spin-on clamp, which holds the instrument with 360° of force, preventing panel warping and gauge rotation. Mechanical pressure and temperature gauges have metal housings with u-clamp brackets.

**SPEEDOMETERS**
Programmable, 12/24V, w/ resettable LCD trip odometer
Features unique, easy, auto-calibration function through LCD readout.
- 120 MPH, 3¼" dia.  437 151
- 85 MPH/130 KMH, 3¾" dia.  437 152
- 120 MPH, 3¾" dia.  437 153
- 120 MPH, 4" dia.  437 155
- 220 MPH, 370 KMH, 4" Dia.  437 159
See sending unit application page 23.

**TACHOMETERS**
Programmable, 12V, 4-6-8 cylinder
For use with alternator, ignition, and 12V square wave applications.
- 4,000 RPM, 2½" dia.  333 156
- 6,000 RPM, 2½" dia.  333 158
- 8,000 RPM, 2½" dia.  333 159
- 7,000 RPM, 3½" dia.  333 151
- 7,000 RPM, 3¾" dia.  333 155
- 8,000 RPM, 4" dia.  333 160
See sending unit application page 23.

**FUEL LEVEL GAUGES**
2½" dia., on dial: "Fuel"
For VDO fuel sender 226 002, 10-180 Ohms 301 104
For US sender 226 007, 240-33 Ohms 301 105
For GM sender 226 008, 0-90 Ohms (from 1965) 301 106
See sending unit application page 23.

**VACUUM GAUGE**
Mechanical, 2¼" dia., 1/8-27 NPT connection
0-30 in.Hg, "Vacuum" 150 131
Tubing kit not included, see page 25.

**TEMPERATURE GAUGES**
Electrical, 2½" dia.
- 250°F, VDO Ohm range, "Water" 310 105
- 300°F, VDO Ohm range, "Oil" 310 106
- 400°F, VDO Ohm range, "Trans" 310 107
- 250°F, US Kit, (gauge and sender) 310 1051
- 250°F, Metric Kit, (gauge and sender) 310 1052
- 300°F, US Kit, (gauge and sender) 310 1061
- 300°F, Metric Kit, (gauge and sender) 310 1062
- 400°F, US Kit, (gauge and sender) 310 1071
- 400°F, Metric Kit, (gauge and sender) 310 1072
See sending unit application page 24.

**ADAPTERS**
½-14 NPT 180 066
¾-18 NPT 180 067

**OUTSIDE TEMPERATURE GAUGE**
Electrical, 2½" dia., 12V
Complete kit, Fahrenheit (-10-120°F) 397 154
PRESSURE GAUGES

Electrical, 2 1/8" dia.

- 80 PSI, 10–180 Ohms (VD0), "Oil" 350 104
- 100 PSI, 10–180 Ohms (VD0), "Oil" 350 106
- 150 PSI, 10–180 Ohms (VD0), "Oil" 350 108
- 200 PSI, 10–180 Ohms (VD0), "Oil" 350 110
- 250 PSI, 10–180 Ohms (VD0), "Trans PSI" 350 110

80 PSI, US Kit, (gauge and sender) 350 1041
80 PSI, Metric Kit, (gauge and sender) 350 1042
100 PSI, US Kit, (gauge and sender) 350 1061
100 PSI, Metric Kit, (gauge and sender) 350 1062
150 PSI, US Kit, (gauge and sender) 350 1081
150 PSI, Metric Kit, (gauge and sender) 350 1082

See sending unit application page 24.

Mechanical, 2 1/2" dia. 1/8-27 NPT connection

- 30 PSI, "Boost" 150 104
- 100 PSI, "Oil" 150 107
- 150 PSI, "Oil" 150 111

- 15 PSI, "Boost", US Kit, (gauge and tubing) 150 1211
- 15 PSI, "Boost", Metric Kit, (gauge and tubing) 150 1212
- 25 PSI, "Turbo Boost", US Kit, (gauge and tubing) 150 1011
- 25 PSI, "Turbo Boost", Metric Kit, (gauge and tubing) 150 1012
- 30 PSI, "Boost", US Kit, (gauge and tubing) 150 1041
- 30 PSI, "Boost", Metric Kit, (gauge and tubing) 150 1042
- 100 PSI, "Oil", US Kit, (gauge and tubing) 150 1071
- 100 PSI, "Oil", Metric Kit, (gauge and tubing) 150 1072
- 150 PSI, "Oil", US Kit, (gauge and tubing) 150 1111
- 150 PSI, "Oil", Metric Kit, (gauge and tubing) 150 1112

Tubing kit not included, see page 25.

PYROMETERS

Electrical, 2 1/8" dia., 250–1,650°F

Kit, 12' lead
- Kit includes gauge (310 151), sender (323 892) and harness. (240 701)
- Gauge only 310 151
- 15' Extension 240 092

VOLTOMETER

2 1/8" dia.

12V, "Volt" 332 103

AMMETERS

2 1/8" dia.

60 Amp, "Amp" 190 104
100 Amp, "Amp" 190 105

COMPLETE INSTRUMENT KITS

3 3/8" dia. LCD Programmable Speedo 600 903
3 3/8" dia. LCD Programmable Speedo 600 904

See page 15 for a complete list of kit contents.

See page 26 for LED replacement lamps

Special Sizes Available with Vision Line!


Vision
Contour

The distinctive look of domed lenses gives Contour the authentic look of the '30s. Contour features VDO's exclusive auto-calibrating speedometer technology and the latest generation of movements for unsurpassed accuracy and reliability. Change tire sizes or gears and recalibrate in minutes using the push button on the speedometer face. All instruments are fully illuminated.

SPEEDOMETERS
Electronic, programmable, 12V, w/resettable LCD trip odometer
Features unique, easy, auto-calibration function through LCD readout.
120 MPH, 3⅞" dia. 437 720
120 MPH, 3¾" dia. 437 722
See sending unit application page 23.

TACHOMETERS
Electronic, Ignition hook-up, 12V only, 4-6-8 cylinder
7,000 RPM, 3½" dia. 333 720
7,000 RPM, 3¾" dia. 333 722

TEMPERATURE GAUGE
Electrical, 2⅛" dia.
250°F, “Water” 310 720
250°F, US Kit, (gauge and sender) 310 7201
250°F, Metric Kit, (gauge and sender) 310 7202

PRESSURE GAUGE
Electrical, 2⅛" dia.
80 PSI, “Oil” 350 720
80 PSI, US Kit, (gauge and sender) 350 7201
80 PSI, Metric Kit, (gauge and sender) 350 7202

VOLTMETER
2½" dia.
12V, “Volts” 332 720

FUEL GAUGES
Electrical, 2½" dia.
For VDO Sender 226 002, “Fuel” 301 720
For US Sender 226 007, 240-33 Ohms, “Fuel” 301 722

COMPLETE INSTRUMENT KITS
LCD Speedometer, 120 MPH, 3¾" 600 940
LCD Speedometer, 120 MPH, 3½" 600 941
See page 15 for complete kit contents.

Panel and Tachometer not included.

Contour's domed lenses give an authentic look of the 30's.
Series 1®

The Series 1 line of instruments was designed to provide the traditional style of the '50s and '60s while maintaining all the modern quality and functions of today. A brilliant chrome ring accents the timeless black dial and white pointer. Adapts well to a modern race car or a retro custom project. All instruments have metal housings and stud-type electrical connections except clock and hourmeters.

**SPEEDOMETERS**

Programmable, 3½" dia., 12V, w/ resettable LCD trip odometer

Features unique, easy, auto-calibration function through LCD readout.

120 MPH

See sending unit application page 23.

Mechanical, 3½" dia.

120 MPH/200 KMH, ¾-18 thread, 1:1 ratio

**TACHOMETERS**

Programmable, 12V, 4-6-8 cylinder, w/o hourmeter

For use with alternator, ignition and 12V square wave applications.

4,000 RPM, 3½" dia.

7,000 RPM, 3½" dia.

**TEMPERATURE GAUGES**

**Electrical, 2 ½" dia.**

250°F, VDO Ohm range, "Water"

400°F, VDO Ohm range, "Transmission"

250°F, US Kit, (gauge and sender)

250°F, Metric Kit, (gauge and sender)

300°F, US Kit, (gauge and sender)

300°F, Metric Kit, (gauge and sender)

400°F, US Kit, (gauge and sender)

400°F, Metric Kit, (gauge and sender)

See sending unit application page 24.

**Mechanical, 2 ½" dia., ½-14 NPT adapter included. Water temperature, 110° - 265°F**

48" Cap Tubing, "Water"

72" Cap Tubing, "Water"

144" Cap Tubing, "Water"

**Mechanical, 2 ½" dia. ½-14 adapter incl., oil temperature, 120° - 340°F, on dial: "Oil"**

72" Cap Tubing

144" Cap Tubing

**ADAPTERS**

½-14 NPT

¾-18 NPT

**Cylinder Head Temperature Senders**

15' intermediate wire

12 mm (inside diameter) thermal sender

14 mm (inside diameter) thermal sender

*Fits on spark plug or cylinder head bolt.

**PRESSURE GAUGES**

**Electrical, 2½" dia.**

80 PSI, 10-180 Ohms (VDO), "Oil" 350 353

100 PSI, 10-180 Ohms (VDO), "Oil" 350 356

80 PSI, US Kit, (gauge and sender) 350 351

80 PSI, Metric Kit, (gauge and sender) 350 352

100 PSI, US Kit, (gauge and sender) 350 356

See sending unit application page 24.

**Mechanical, 2½" dia., ⅜-27 NPT connection**

100 PSI, "Oil" 150 330

150 PSI, "Oil" 150 356

100 PSI, "Oil" US Kit, (gauge and tubing) 350 3301

100 PSI, "Oil" Metric Kit, (gauge and tubing) 350 3302

150 PSI, "Oil" US Kit, (gauge and tubing) 350 3561

150 PSI, "Oil" Metric Kit, (gauge and tubing) 350 3562

Tubo Boost, US Kit, (gauge and tubing) 150 3611

Turbo Boost, Metric Kit, (gauge and tubing) 150 3612

*Tubing kit not included, see page 25.

**TURBOCHARGER GAUGE**

**Mechanical, 2 ½" dia., ⅜-27 NPT connection**

30 In. Hg. to 15 PSI 150 361

*Tubing kit not included, see page 25.

**FUEL LEVEL GAUGES**

**Electrical, 2 ½" dia.**

For VDO sender 226 002, "Fuel" 301 301

For US sender 226 007, 240-33 Ohms, "Fuel" 301 302

For GM sender 226 008, 0-90 Ohms, (from 1965), "Fuel" 301 303

See sending unit application page 23.

**VOLTMETER**

2 ½" dia.

12V, "Volts" 332 341

12V w/ color band, "Volts" 332 342

**AMMETER**

2 ½" dia.

60 Amp, "Amps" 190 301

**COMPLETE INSTRUMENT KITS**

3½" dia. LCD programmable speedo 600 925

3½" dia. Mechanical Speedometer Kit 600 907

See page 15 for a complete list of kit contents.
VDO Instrument Kits

A quick and easy installation for every application. VDO Instrument Kits include the gauges and senders you need for complete and trouble free installation. 

Note: Kits include speedometer sender for General Motors transmissions only.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Millenium Vision</th>
<th>Cockpit</th>
<th>Cockpit White</th>
<th>Series 1</th>
<th>Contour</th>
<th>Cockpit Royale</th>
<th>Heritage Gold</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speedometer, Mech., 120 MPH, 1.0 Ratio, 3 3/8&quot; dia.</td>
<td>X</td>
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<tr>
<td>Speedometer Sender, Programmable, Hall Effect, 16 Pulse 7/8&quot;-18 Thread For GM transmissions only</td>
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<td>X</td>
<td>X</td>
<td>X</td>
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<tr>
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<tr>
<td>Pressure Sender, 80 PSI, 1/8 -27 NPT Thread</td>
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<tr>
<td>Temperature Sender 250°F, 1/2 -14 NPT Thread</td>
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<tr>
<td>Fuel Gauge, 2 3/8&quot; dia.</td>
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<tr>
<td>Fuel Level Sender, Tank Depth - 6&quot; - 23&quot; deep</td>
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<td>X</td>
<td>X</td>
<td>X</td>
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<tr>
<td>Voltmeter, 2 3/8&quot; dia.</td>
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</tr>
</tbody>
</table>

Instrument Kits

Vision  Cockpit  Cockpit White  Series 1  Cockpit Royale  Heritage Gold
STREET ROD KIT WIRING HARNESS
Complete wiring harness with connectors in place. Makes installation easy and clean.

SRK kit 240 022

Pressure Sender
Temperature Sender
Speedometer Sender
For GM transmissions only.
VDO 5" PRT™ Tachs

VDO's latest Tach! The PRT gives you advanced VDO tachometer technology in a highly affordable design. PRT is engineered using the lightest materials available and is built to perform season after season on demanding Pro circuits. Approved by major racing sanctioning bodies.

- Peak recall helps determine optimal gearing.
- Easy to use, straightforward, built-in controls.
- Rugged, durable and lightweight design features an aluminum housing, acrylic lens.
- In-dash mountable with a quick, 3-wire hook-up.
- Edge lighting provides excellent nighttime vision.
- Advanced, surface-mount electronics for accuracy and reliability.

<table>
<thead>
<tr>
<th>RPM</th>
<th>Part Number</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>10,000 RPM, white</td>
<td>333 924</td>
<td></td>
</tr>
<tr>
<td>10,000 RPM, black</td>
<td>333 922</td>
<td>Will not work with magneto ignitions</td>
</tr>
</tbody>
</table>

Mini Shift Light

Super Bright Red LED lighting.

Completely self contained. No adaptors, activation modules, “pills”, etc. are needed! Simply turn the two rotary RPM switches for the desired setting and select the cylinder setting to match your vehicle. Cycle the power and the new settings are stored in memory. For 1 (coil-on-plug), 2, 3, 4, 5, 6, or 8 cylinder engines. Settings can be changed instantly with a small adjusting tool. High strength aluminum housing. 10 ft. long cable.

Mini Shift Light XRP 5324

Mega-Lite™ Shift Light

VDO Mega-Lite features 8 highly visible, LED lights and mounts easily on tach, roll bar, or dash. While filament-bulb shift lights need time to warm up, Mega-Lite responds instantly. Set the light intensity switch on high for daytime or low for nighttime. The low setting eliminates the need for diffuser covers. Hooks up easily to the VDO Xtreme Series Tachometers or any MSD-activated switch.

Mega-Lite™ Shift Light 600 895
Xtreme® Series 5" Tachometers

VDO has earned a spot in the cars of winning drivers in NASCAR, IHRA, NHRA, NIRA, SCCA, and just about every other major racing sanction in North America. From the import drag wars, to local dirt ovals, to drag strips and circuit tracks from coast to coast, drivers have learned from race day experience that VDO delivers the reliability, light weight, and top technology that the others just talk about.

- Playback counts down until time of launch if connected to line lock or trans brake.
- Automatic start with connection to line lock or trans brake.
- Selectable record times, 90 or 360 seconds per run.
- Selectable replay speed, ½ slow motion or real time.
- Fast forward or rewind during playback.
- Touch control pad can be mounted on left or right side of the tachometer; remote control mounts up to 6 feet from tach with optional kit.
- 4 stored replays.
- 4 shift point settings.
- Compatible with all 2, 4, 5, 6, 8, 10, and 12 cylinder applications.
- Large, 30mm, internal shift light.

A recording tach should give you the information you need to make your next run faster—but most recording tachs don't start recording until you've left the line. They're missing vital information that can make or break your runs. VDO'S Xtreme Tachometer records your RPM before you launch, RPM at stall speed, and RPM for the entire race to help you get faster in every phase of your run.

- **BURNOUT**—Monitor RPM and duration of burnout to achieve consistent tire temperatures and more predictable launches.
- **STAGING**—Monitor RPM to control tire and clutch slippage and optimize your launch.
- **RUN**—Monitor RPM and shift points. Set up to 4 individual shift points.
- **POST RACE**—Check accuracy of shifts, under/over revving, tire or clutch slippage, and peak RPM "by playing back in slow motion and real time".

**Drag Racers:**
Use VDO Xtreme to improve every part of your run.

9,000 RPM, white 333 938
11,000 RPM, white 333 939
9,000 RPM, black 333 936
11,000 RPM, black 333 937

*Note: Will not work with magneto ignitions*
4" Dia. Performance Tachometers

Proven VDO accuracy and dependability is yours in the Performance Tachometer designed specifically for street machine and performance enthusiasts.

- 2, 4, 6, or 8 cylinder compatible with standard and most electronic ignitions and high performance ignition systems including ACCEL, Mallory, and Allison (will not work with Magneto ignitions).
- Matte black or polished chrome finish.
- 4" diameter.
- Unique mounting bracket housing can be rotated 360° and reversed for mounting at any angle on the dashboard or steering column.
- Adjustable, orange shift indicator.
- Superior illumination: VDO's light distribution ring floods the dial face with even lighting.
- Choice of lighting color: each VDO Performance Tachometer includes green and red light diffusers to match your existing dashboard lighting.

<table>
<thead>
<tr>
<th>Style</th>
<th>RPM</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>BLACK DIAL / BLACK HOUSING</td>
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<tr>
<td>WHITE DIAL / BLACK HOUSING</td>
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<td>333 903</td>
</tr>
<tr>
<td>BLACK DIAL / CHROME HOUSING</td>
<td>8,000</td>
<td>333 906</td>
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</tbody>
</table>

4" Dia. Performance Tachometers with Shift Light

VDO Performance Shift Light Tachometers feature a built-in shift light and use precision air core movements and electronic surface mount circuitry to bring you ultimate accuracy and reliability. All of the features of the Performance Tachometer plus:

- Super-bright, 10 mm LED shift light.
- Adjusts to any RPM setting, even while the engine is running.
- Built-in shift light.

<table>
<thead>
<tr>
<th>Style</th>
<th>RPM</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>BLACK DIAL / BLACK HOUSING</td>
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<td>WHITE DIAL / BLACK HOUSING</td>
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<tr>
<td>BLACK DIAL / CHROME HOUSING</td>
<td>8,000</td>
<td>333 941</td>
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</table>

2 1/16" Mini-Performance Tachometers

Perfect for tight interiors, this Mini-Performance Tachometer will maximize the driver's awareness. This is one of the smallest tachometers on the market. This 8,000 RPM tachometer installs easily in most vehicles. Tachometer operates on 4, 6, or 8 cylinder engines with most factory ignitions. 2 1/16" diameter, 3 3/4" long.

<table>
<thead>
<tr>
<th>Style</th>
<th>RPM</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>BLACK DIAL / BLACK HOUSING</td>
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<tr>
<td>BLACK DIAL / CHROME HOUSING</td>
<td>8,000</td>
<td>333 992</td>
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</table>
Mini Pressure Gauges

1½" outside diameter, direct mount, ½"–27 NPT connection.

For direct-mount monitoring of fuel and oil pressure systems, rely on VDO 1½" dia. mechanical pressure gauges. Precision-machined brass movements, built-in restrictors and steel housings give you the accuracy and durability you need.

Compatible with all fuel management systems from carburetion to fuel injection. 100 PSI gauge can be used for direct-mount oil pressure readings.

Chrome pressure gauges feature black numbers on white dial, black pointer, and chrome bezel/housing. Black pressure gauges feature white numbers on black dial, red pointer, and black bezel/housing.

<table>
<thead>
<tr>
<th>PSI</th>
<th>Black</th>
<th>Chrome</th>
<th>Black</th>
<th>Chrome</th>
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<tbody>
<tr>
<td>15</td>
<td>153 006</td>
<td>153 002</td>
<td>153 007</td>
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<td>100</td>
<td>153 009</td>
<td>153 005</td>
<td>153 009</td>
<td>153 003</td>
</tr>
</tbody>
</table>

NOTE: Not for direct fuel pump mounting. Non-illuminated.
# A-Pillar Mounting Pods

A-Pillar Mounting Pods—new from VDO! The best way to mount gauges in today's cars. Every A-Pillar Mounting Pod is made of durable ABS black plastic and includes double-sided mounting tape for an easy installation.

<table>
<thead>
<tr>
<th>Brand</th>
<th>Model &amp; Description</th>
<th>Code</th>
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<tbody>
<tr>
<td>ACURA</td>
<td>Integra, 90-93, Dual Pod, 2½&quot;</td>
<td>240 357</td>
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<td>Integra, 94-97, Dual Pod, 2½&quot;</td>
<td>240 343</td>
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<tr>
<td>BUICK</td>
<td>Grand National, 84-87, Dual Pod, 2½&quot;</td>
<td>240 337</td>
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<tr>
<td>CHEVROLET</td>
<td>Camaro, 82-92, Dual Pod, 2½&quot;</td>
<td>240 351</td>
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<td>Camaro, 93-00, Dual Pod, 2½&quot;</td>
<td>240 353</td>
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<tr>
<td>DODGE</td>
<td>Neon, 00-01, Dual Pod, 2½&quot;</td>
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<td>Neon, 94-99, Dual Pod, 2½&quot;</td>
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<td>Ram, 98-01, Dual Pod, 2½&quot;</td>
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<td>FORD</td>
<td>F150, 97, Dual Pod, 2½&quot;</td>
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<td>F150/250/Expedition, 98-02, Dual Pod, 2½&quot;</td>
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<td>F-Series (Except 97 F150), 87-97, Dual Pod, 2½&quot;</td>
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<td>Mustang, 79-93, Dual Pod, 2½&quot;</td>
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<td>MITSUBISHI</td>
<td>Conquest/Starion, 83-86, Replaces Clock, 2½&quot;</td>
<td>240 321</td>
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<td>Firebird, 93-00, Dual Pod, 2½&quot;</td>
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<td>SUBARU</td>
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<td>WRX, 01-02, Full Pillar, Triple 2½&quot;</td>
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<td>VW</td>
<td>Beetle, 98-01, Dash Bezel-Dual 2½&quot;</td>
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<td></td>
<td>Golf/Jetta, 93-98, Dual Pod, 2½&quot;</td>
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</tr>
</tbody>
</table>
Gauge Mounting Accessories

MOUNTING CUPS
Steel mounting cups with smooth black or polished chrome finish.
For 2 5/8" dia. gauge, chrome 240 017*
For 2 5/8" dia. gauge, black 240 016*
For 2 7/8" dia. gauge, black 240 019
For 3 3/8" dia. gauge, chrome 240 015
For 3 3/8" dia. gauge, black 240 018
*Will not work with 2 1/4" dia. clocks, outside temperature gauges or pyrometers.

ADJUSTABLE MOUNTING CUPS
In durable ABS plastic with matte black finish.
For all 2 1/8" dia. electrical gauges, except outside temp. gauge, pyrometer, clock, ammeter and 2 5/8" tachometer 240 100
2 1/8" dia., long version for outside temp. gauge, pyrometer, clock, ammeter and 2 5/8" dia. tachometer 240 101
For 3 3/4" dia. tachometer 240 102

CUSTOM CONSOLE
Available with single opening for mounting of VDO 21/16" dia. gauges. Made of durable ABS plastic. Console is angled toward the driver for maximum readability. Surface mount for a clean, original equipment look.
1 opening, 4 1/4" x 3 1/2" x 4 1/4" 110 869

CUSTOM MINI CONSOLES
Consoles are made of durable ABS plastic with black leather-like finish. Select from two models, each designed for VDO 21/16" gauges. Can be surface mounted to nearly any flat surface, horizontally or vertically. Consoles are angled toward driver for maximum readability.
2 openings, 2" x 3 1/4" x 8" 110 861
3 openings, 2" x 3 1/4" x 11 1/4" 110 862

PLEASE NOTE: An additional 2 1/2" of depth is required beneath console to ensure proper installation of gauges.

SAFETY MOUNTING BRACKETS
These unique mounting brackets are made of a flexible material for safety and can be used to install 21/16" dia. gauges. Matte black color.
1 opening, 3 1/4" x 1 1/4" x 2 1/2" 240 802
2 openings, 3 1/4" x 1 1/4" x 4 1/8" 240 803
Programmable Speedometer & Electronic Tachometer Senders

SPEEDOMETER SENDERS
For electronic, programmable speedometer, 7/8"-18 thread, hall effect, 16 pulse

- GM Standard 340 011
- GM Standard for cruise control 340 012
- Ford, plug-in Standard 340 013
- Ford, plug-in, through drive
  for cruise control 340 014

INDUCTIVE / MAGNETIC PICKUP SENDER
For electronic and programmable speedometers
2" long, 3/8"-16 thread 340 020

Fuel Tank Senders

All VDO senders feature heavy-duty metal construction and advanced technology of "thick film" resistance cards. This is the same technology that provides the accuracy and durability found in all of today's finer automobiles. Fully adjustable for tank depths from 6" to 23" right or left hand applications.

FUEL Senders WITH INSTALLATION KIT (226 451)
Includes flange, gasket and necessary mounting hardware. Required on all fuel tanks where sender-mounting holes are not provided in the tank.

- Standard VDO resistance, 10-180 Ohm 226 002

FUEL SENDER AND GASKET
The following senders include mounting gasket only and are designed to be used where standard SAE five-hole mounting is already provided.

- Standard VDO resistance, 10-180 Ohms 226 001
- US 240-33 Ohm resistance 226 007
- GM 0-90 Ohm resistance 226 008
- VW Beetle (except 1999 Super Beetle)
  OEM replacement sender and gasket 226 451

MOUNTING KITS
Standard SAE five-hole mounting
flange kit 226 451
Ford flange kit for 1935-56
OEM bolt patterns 226 902

REPLACEMENT FUEL SENDER GASKET
Neoprene 2½" (54mm) bolt circle
for sender 226 001, 226 002,
226 007, and 226 008 226 451
# Temperature Senders

**UNIVERSAL TEMPERATURE SENDER KITS**
- 250°F, (120°C) 323 900
- 300°F, (150°C) 323 905

Includes: ¼-27 NPT temperature sender, ¼-18" bushing, ⅜-18" bushing and ½-14" bushing and ¼" spade terminal.

**UNIVERSAL BUSHING KIT**
*Inside diameter ¼-27 NPT*

For use with all pressure senders 240 903

Includes: ¼-18", ⅜-18", and ½-14" bushings.

## INDIVIDUAL TEMPERATURE SENDERS

Note: All Temperature senders are designed to work with VDO gauges only, unless otherwise noted. Senders are matched to gauges according to maximum reading on dial face.

<table>
<thead>
<tr>
<th>RANGE</th>
<th>THREAD</th>
<th>WARNING</th>
</tr>
</thead>
<tbody>
<tr>
<td>250°F</td>
<td>¼-27 NPT</td>
<td>15°F ± 5°F</td>
</tr>
<tr>
<td>300°F</td>
<td>¼-27 NPT</td>
<td>20°F ± 5°F</td>
</tr>
<tr>
<td>350°F</td>
<td>¼-27 NPT</td>
<td>25°F ± 5°F</td>
</tr>
<tr>
<td>400°F</td>
<td>¼-27 NPT</td>
<td>30°F ± 5°F</td>
</tr>
</tbody>
</table>

**PRESSURE SENDER KITS**
- 80 PSI, (5 Bar) 360 900
- 150 PSI, (10 Bar) 360 905

Includes: ¼-27 NPT pressure sender, ¼-18" bushing, ⅜-18" bushing and ½-14" bushing.

**UNIVERSAL BUSHING KIT**
*Inside diameter ¼-27 NPT*

For use with all pressure and temperature senders 240 903

Includes: ¼-18", ⅜-18", and ½-14" bushings.

## INDIVIDUAL PRESSURE SENDERS

Note: All Pressure senders are designed to work with VDO gauges only, unless otherwise noted. Senders are matched to gauges according to maximum reading on dial face.

<table>
<thead>
<tr>
<th>RANGE</th>
<th>THREAD</th>
<th>WARNING</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-30 PSI</td>
<td>¼-27 NPT</td>
<td>0 PSI</td>
</tr>
<tr>
<td>0-80 PSI</td>
<td>¾-27 NPT</td>
<td>7.0 PSI</td>
</tr>
<tr>
<td>0-150 PSI</td>
<td>½-18 NPT</td>
<td>8.0 PSI</td>
</tr>
<tr>
<td>0-300 PSI</td>
<td>¾-27 NPT</td>
<td>14.0 PSI</td>
</tr>
</tbody>
</table>

**NOTE:** All pressure senders are 10-180 Ohms unless otherwise noted. = 240-33 Ohms ** = Floating ground

All senders are standard ground (sender case to common ground) unless otherwise noted. Floating ground indicates the presence of an additional terminal to be used as a ground (isolated terminal to common ground). Please note: VDO senders have tapered threads. DO NOT use teflon tape or pipe sealant. This will interfere with grounding.

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* = Spade Terminal  ** = Screw Cap
Gauge Accessories

**TUBING KITS**
*Designed for 1/8-27 and 1/4-18 NPT adapters.*
- 6' plastic tubing: $150.851
- 16' plastic tubing: $150.855
- 6' copper tubing: $150.856

**PUSH-ON CONNECTORS**
Provides convenient installation for all temperature, pressure, and fuel gauges with three-spade connectors.
- Housing w/ crimp connectors: $240.026

**WIRING KIT**
*Includes necessary wire and terminals.*
For all instruments except ammeters:
- $240.023

**STUD MOUNTING KITS**
*For converting Spin-Lok mounted instruments to stud type mounting.*
- 2 3/4" gauge dia.: $600.402
- 3/8" and 3/8" gauge dia.: $600.401

**CONNECTOR**
VDO programmable gauge connector provides convenient installation for speedometers and tachometers.
- Connector w/ terminals: $240.053

**T-ADAPTERS**
- Male 1/8-27 NPT: $240.855
- Male M10 x 1: $240.859

**REPLACEMENT SPIN-LOK MOUNTING RINGS**
- 2 3/4" gauge dia.: $600.404
- 3/8" gauge dia.: $600.405
- 3/8" gauge dia.: $600.406

**5" PRO RECORDING TACHOMETER ACCESSORIES**
*for Xtreme Series Tachometers*
- In-Dash Mounting Bracket: $240.104
- 6' Extension Cable for remote mounting control pad: $240.207
**LED Lighting**

Replace standard wedge base bulbs with brighter, less power demanding, vibrant LED lamps.

<table>
<thead>
<tr>
<th>RED</th>
<th>BLUE</th>
<th>YELLOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>5mm, replaces mini-wedge base bulb, Red</td>
<td>5mm, replaces mini-wedge base bulb, Blue</td>
<td>5mm, replaces mini-wedge base bulb, Yellow</td>
</tr>
<tr>
<td>10mm, replaces std. size wedge base bulb, Red</td>
<td>10mm, replaces std. size wedge base bulb, Blue</td>
<td>10mm, replaces std. size wedge base bulb, Yellow</td>
</tr>
<tr>
<td>600 985</td>
<td>600 986</td>
<td>600 987</td>
</tr>
<tr>
<td>600 995</td>
<td>600 996</td>
<td>600 997</td>
</tr>
</tbody>
</table>

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**Light Bulbs and Sockets**

**TYPE A BULBS**
Fits sockets #600 813, #600 816 and #600 817.

- 9/32" 12V, 2W: 600 802
- 9/32" 24V, 3W: 600 807

**TYPE B BULB**
Fits sockets #600 818, #600 819.

- 1/8" 12V, 2W: 600 804

**TYPE C BULB**
Fits socket #600 821.

- 1/8" 12V, 2W: 600 820

**TYPE D BULB**
Fits socket #600 823.

- Peanut-type, 12V, 1.2W: 600 809

**TYPE E BULBS**
Fits socket #600 839.

- Wedge-base, 12V: 600 815
- Wedge-base, 24V: 600 826

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**INSULATED LIGHT BULB SOCKETS**

- 9/32" steel, uses bulb Type B: 600 819
- Uses peanut-type bulb Type D: 600 808
- Uses wedge-base bulb Type E: 600 840
- Uses peanut-type bulb Type D: 600 823

*Bulb not included.*

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**LIGHT BULB SOCKETS**

- 3/8" steel, uses bulb Type A: 600 816
- 3/8" brass, uses bulb Type A: 600 817
- 3/8" steel, uses bulb Type C: 600 821
- 1/32" steel, uses bulb Type B: 600 818

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**LIGHT DIFFUSERS**
The easy and convenient way to change the lighting color in your VDO gauge. Simply slips over the light bulb to give your dash a whole new color at night.

- Red, Type A, 9/32" bulb: 600 853
- Green, Type A, 9/32" bulb: 600 856
- Orange, Type A 9/32" bulb: 600 866
- Red, Type B, 1/8" bulb: 600 857
- Green, Type B, 1/8" bulb: 600 858
- Red, Type D, peanut bulb: 600 859
- Green, Type D, peanut bulb: 600 860
- Red, Types E and C bulbs: 600 861
- Green, Types E and C bulbs: 600 862

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**WARNING LIGHTS**

12V, snap-in warning lights with bulb. These require a 9/32" hole.

- Red lens: 600 844
- Green lens: 600 845
- Yellow lens: 600 846
- Blue lens: 600 847
VDO LIMITED WARRANTY

Every VDO Instrument and Accessory is backed by our 2-year limited warranty against defects in factory workmanship or materials.

For details on our warranty, contact Siemens VDO Automotive.

Siemens VDO Automotive Corp.
Service and Special Solutions
4905 Tilghman Street, Suite 120
Allentown, PA 18104
USA
Phone: 610-289-0488
E-mail: fmbeproductsupport@siemensvdo.com

Please note: All instruments are 12 volt negative ground and illuminated unless otherwise specified. Sending units and wiring kits must be ordered individually unless listed as a kit. The instruments shown in this catalog are NOT intended for aircraft use.