

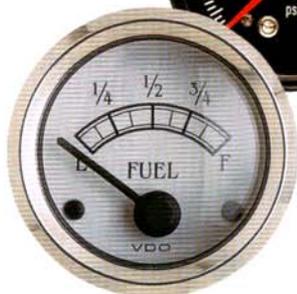


Handling a complex world.



# Original

A Tradition of Excellence



# VDO Performance Instruments



Millennium



Cockpit Royale



Heritage Gold



Cockpit White



Cockpit



Series 1

## VDO Programmable Speedometers

One Button Programming—no need to mess with dip switches.

Go to [www.vdo.com](http://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:



Look for the New symbol throughout the catalog!

# New Products for 2004



Millennium Gauges in single packs! Page 3-4



Page 5, 6, 8, and 14



New lower cost Mechanical Speedometer kits



Page 17

New Mini-Performance Tachometer

Page 11



New 220MPH Vision 4" Speedometer

Page 17



New Mini-Shift Light

Page 26



New LED Lighting

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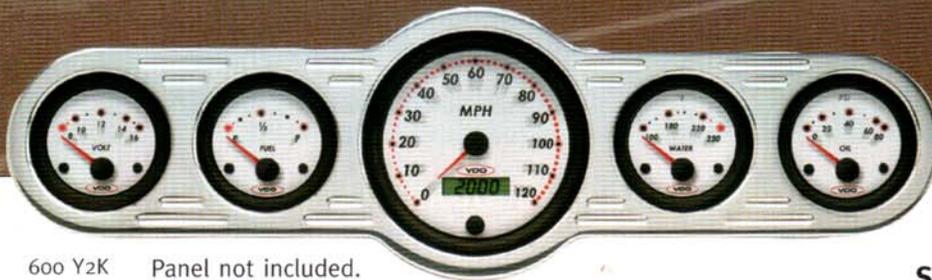
# precision

## 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 channeled.

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.



600 Y2K Panel not included.

## millennium GAUGE SET

### 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.

### SINGLE GAUGES



#### SPEEDOMETER

Electrical, 3 3/8" dia.

120mph, (gauge only)

437 Y22

#### TEMPERATURE GAUGES

Electrical, 2 1/16" dia.

250°F, "Water Temperature",  
US kit (gauge and sender)

310 Y111

250°F, "Water Temperature",  
Metric kit, (gauge and sender)

310 Y112

#### PRESSURE GAUGES

Electrical, 2 1/16" dia.

80 PSI, "Oil Pressure",  
US kit, (gauge and sender)

350 Y221

80 PSI, "Oil Pressure",  
Metric kit, (gauge and sender)

350 Y222

#### FUEL GAUGE (VDO)

Electrical, 2 1/16" dia.

10-180 Ohms

301-Y11

#### VOLTMETER

2 1/16" dia., on dial: "Volts"

12V, (gauge only)

332 Y11



Five Illumination Options



# authentic

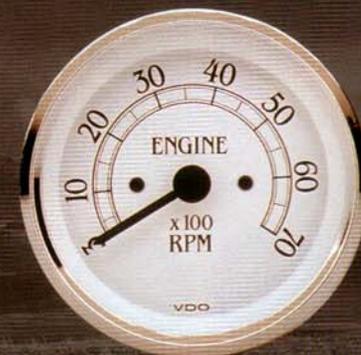
## Cockpit Royale®

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.

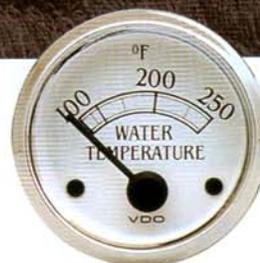


437 752



333 708

600 926  
Panel not included.



310 710



350 702



301 733

### SPEEDOMETERS

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

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

120 MPH, 3 1/8" dia. 437 750  
120 MPH, 3 3/8" dia. 437 752

See sending unit application page 23.

### TACHOMETERS

7,000 RPM, 3 1/8" dia. 333 707  
7,000 RPM, 3 3/8" dia. 333 708

### TEMPERATURE GAUGES

Electrical, 2 1/16" 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, 2 1/16" dia.

80 PSI, "Oil Pressure" 350 702  
80 PSI, "Oil Pressure" US Kit (gauge and sender) 350 7021  
80 PSI, "Oil Pressure" Metric Kit, (gauge and sender) 350 7022

See sending unit application page 24.

### FUEL GAUGES

Electrical, 2 1/16" 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

2 1/16" dia., on dial: "Volts"

12V 332 702

### COMPLETE INSTRUMENT KITS

3 1/8" dia. LCD Programmable Speedo 600 926  
3 3/8" dia. LCD Programmable Speedo 600 927  
3 3/8" dia. Mechanical Speedometer Kit 600 909  
See page 15 for a complete list of kit contents.

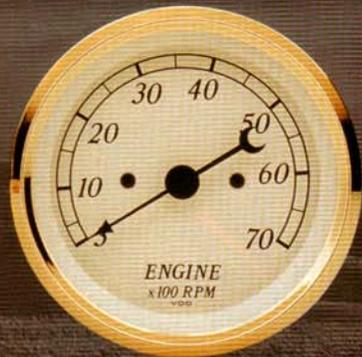
# Heritage Gold®

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.



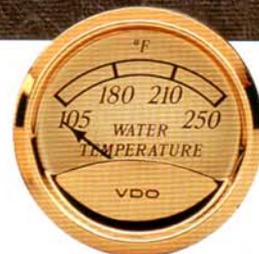
437 852



333 801



600 928  
Panel not included.



310 800



350 800



301 800

## 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 3/8" dia. 437 852

See sending unit application page 23.

## TACHOMETERS

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

7,000 RPM, 3 1/8" dia. 333 800  
7,000 RPM, 3 3/8" dia. 333 801

## TEMPERATURE GAUGES

*Electrical, 2 1/16" dia.*

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

See sending unit application page 24.

## PRESSURE GAUGES

*Electrical, 2 1/16" dia., on dial: "Oil Pressure"*

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

See sending unit application page 24.

## FUEL LEVEL GAUGES

*Electrical, 2 1/16" dia., on dial: "Fuel"*

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

See sending unit application page 23.

## VOLTMETER

*2 1/16" dia., on dial: "Volts"*

12V 332 800

## COMPLETE INSTRUMENT KITS

3 1/8" dia. LCD Programmable Speedo 600 928  
3 3/8" dia. LCD Programmable Speedo 600 929  
NEW 3 3/8" dia. Mechanical Speedometer Kit 600 919

See page 15 for a complete list of kit contents.



600 924  
Panel not included.



437 050



437 053



310 039

## 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, 3 <sup>1</sup> / <sub>8</sub> " dia.	437 050
120 MPH, 3 <sup>3</sup> / <sub>8</sub> " dia.	437 052
160 MPH, 3 <sup>3</sup> / <sub>8</sub> " dia.	437 053

See sending unit application page 25.

### TACHOMETERS

6,000 RPM, 2 <sup>1</sup> / <sub>16</sub> " dia.	333 958*
8,000 RPM, 2 <sup>1</sup> / <sub>16</sub> " dia.	333 959*
7,000 RPM, 3 <sup>1</sup> / <sub>8</sub> " dia.	333 051
7,000 RPM, 3 <sup>3</sup> / <sub>8</sub> " dia.	333 055

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

### TEMPERATURE GAUGES

**Electrical, 2<sup>1</sup>/<sub>16</sub>" 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.

**Mechanical, 110-265°F, 2<sup>1</sup>/<sub>16</sub>" dia., 1/2-14 adapter included, on dial: "Water"**

265°F, 96" Cap. Tubing	180 041
------------------------	---------

**Mechanical, 110-340°F, 2<sup>1</sup>/<sub>16</sub>" dia., 1/2-14 adapter included, on dial: "Oil"**

340°F, 96" Cap. Tubing	180 087
------------------------	---------

### ADAPTERS

1/2-14 NPT (included in kit)	180 066
3/8-18 NPT	180 067

### CYLINDER HEAD TEMPERATURE GAUGE

**2<sup>1</sup>/<sub>16</sub>" 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

**Electrical, 2<sup>1</sup>/<sub>16</sub>" dia., on dial: "Oil Pressure"**

80 PSI, 10-180 Ohms (VDO), "Oil"	350 040
100 PSI 10-180 Ohms (VDO), "Oil"	350 065
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, 2<sup>1</sup>/<sub>16</sub>" dia., 1/8-27 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, 2<sup>1</sup>/<sub>16</sub>" dia.**

100 PSI, US Kit (gauge and tubing)	150 0301
100 PSI, Metric Kit, (gauge and tubing)	150 0302



301 015

## 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
<b>NEW</b> 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, 1/4-18 NPT, Type K (included in kit)	323 892
Weld-On Adapter (not included in kit)	240 863

## TURBOCHARGER GAUGE

*Mechanical, 2 1/16" dia., 1/8-27 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., 1/8-27 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
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## AMMETER

*2 1/16" dia., on dial: "Amps"*

60 Amp	190 031
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## CLOCK

2 1/16", 12V	370 955
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## COMPLETE INSTRUMENT KITS

3 1/8" dia. LCD Programmable Speedometer	600 923
--	---------

3 3/8" dia. LCD Programmable Speedometer	600 924
--	---------

<b>NEW</b> 3 3/8" dia. Mechanical Speedometer Kit	600 905
---	---------

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



332 041



350 040



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



600 921  
Panel not included.



437 202

## Cockpit White

### SPEEDOMETERS

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

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

- |   |         |
|---|---------|
| 120 MPH, 3 <sup>3</sup> / <sub>8</sub> " dia. | 437 201 |
| 120 MPH, 3 <sup>3</sup> / <sub>8</sub> " dia. | 437 202 |
- See sending unit application page 23.

### TACHOMETERS

- |   |         |
|---|---------|
| 7,000 RPM, 3 <sup>3</sup> / <sub>8</sub> " dia. | 333 255 |
|---|---------|

### TEMPERATURE GAUGES

**Electrical, 2<sup>1</sup>/<sub>16</sub>" 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<sup>1</sup>/<sub>16</sub>" dia.,  
1/2-14 adapter included**

- |                                 |         |
|---------------------------------|---------|
| 265°F, 96" Cap. tubing, "Water" | 180 204 |
| 340°F, 36" Cap. tubing, "Oil"   | 180 206 |
| 340°F, 96" Cap. tubing, "Oil"   | 180 208 |

### CYLINDER HEAD TEMPERATURE GAUGE

**2<sup>1</sup>/<sub>16</sub>" dia., on dial: "Cylinder Head Temperature"**

- |           |         |
|-----------|---------|
| 600°F Kit | 310 902 |
|-----------|---------|

### PRESSURE GAUGES

**Electrical, 2<sup>1</sup>/<sub>16</sub>" 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<sup>1</sup>/<sub>16</sub>" dia., 1/8-27 NPT connection**

- |   |          |
|---|----------|
| 100 PSI, "Oil"                                | 150 202  |
| 100 PSI, "Oil",<br>US Kit, (gauge and tubing) | 150 2021 |
| 100 PSI, "Oil",                               |          |

### Mechanical (Cont.)

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

### TURBO/BOOST GAUGES

**Mechanical, 2<sup>1</sup>/<sub>16</sub>" dia., 1/8-27 NPT connection**

- |  |          |
|--|----------|
| 30 PSI, "Boost",<br>US Kit, (gauge and tubing)     | 150 2081 |
| 30 PSI, "Boost",<br>Metric Kit, (gauge and tubing) | 150 2082 |
| 30 PSI, "Boost"                                    | 150 208  |

### TURBOCHARGER GAUGE

**Mechanical, 2<sup>1</sup>/<sub>16</sub>" dia., 1/8-27 NPT connection**

- |  |          |
|--|----------|
| 30 In. Hg.-25 PSI, "Turbo"                               | 150 206  |
| 25 PSI, "Turbo Boost",<br>US Kit, (gauge and tubing)     | 150 2061 |
| 25 PSI, "Turbo Boost",<br>Metric Kit, (gauge and tubing) | 150 2062 |

### VACUUM GAUGE

**Mechanical, 2<sup>1</sup>/<sub>16</sub>" dia., 1/8-27 NPT connection**

- |                     |         |
|---------------------|---------|
| 30 In. Hg. "Vacuum" | 150 212 |
|---------------------|---------|
- Kit contains gauge (150 214), tubing, adapter and T-connection.

### FUEL GAUGE

**Electrical, 2<sup>1</sup>/<sub>16</sub>" dia.**

- |  |         |
|--|---------|
| For VDO sender 226 002,<br>10-180 Ohms, "Fuel" | 301 216 |
|--|---------|
- See sending unit application page 23.

### PYROMETER (EXHAUST TEMP.)

**1600°F, 2<sup>1</sup>/<sub>16</sub>" dia.**

- |                              |         |
|------------------------------|---------|
| 12' Kit, exhaust temperature | 310 240 |
|------------------------------|---------|

### VOLTMETER

**2<sup>1</sup>/<sub>16</sub>" dia.**

- |     |         |
|-----|---------|
| 12V | 332 241 |
|-----|---------|

### COMPLETE INSTRUMENT KITS

- |   |         |
|---|---------|
| LCD Programmable Speedometer, 3 <sup>1</sup> / <sub>8</sub> " | 600 921 |
| LCD Programmable Speedometer, 3 <sup>3</sup> / <sub>8</sub> " | 600 922 |
- See page 15 for a complete list of kit contents.



310 239



150 208



310 902



350 240

# 2<sup>5</sup>/<sub>8</sub>" 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, 2<sup>5</sup>/<sub>8</sub>" dia., 1/2-14 NPT adapter included**

265°F, 36" Cap. Tubing, "Water"	180 623
265°F, 96" Cap. Tubing, "Water"	180 625
340°F, 36" Cap. Tubing, "Oil"	180 626
340°F, 96" Cap. Tubing, "Oil"	180 627

## PRESSURE GAUGES

**Mechanical, 2<sup>5</sup>/<sub>8</sub>" dia., 1/8-27 NPT connection**

15 PSI, "Fuel"	150 621
100 PSI, "Oil"	150 624
<b>NEW</b> 100 PSI, US Kit, (gauge and sender)	150 6241
<b>NEW</b> 100 PSI, Metric Kit, (gauge and sender)	150 6242

## VOLTMETER

**2<sup>5</sup>/<sub>8</sub>" dia.**

12V, "Volt"	332 621
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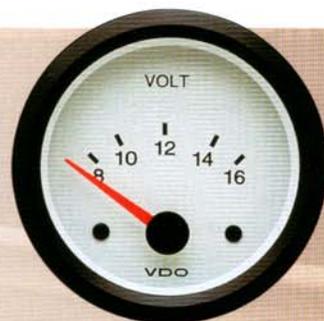
## FUEL LEVEL GAUGE

**2<sup>5</sup>/<sub>8</sub>" dia.**

10-180 Ohms for VDO sender 226 002, "Fuel"	301 621
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## FUEL PRESSURE GAUGE AND ISOLATOR

15 PSI, gauge only	150 621
Isolator	240 830



332 621



301 621

# 2<sup>5</sup>/<sub>8</sub>" 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 2<sup>5</sup>/<sub>8</sub>" 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, 2<sup>5</sup>/<sub>8</sub>" dia.**

250°F, "Water"	310 603
250°F, "Oil", US Kit, (gauge and sender)	<b>NEW</b> 310 6031
<b>NEW</b> 250°F, "Oil", Metric Kit, (gauge and sender)	310 6032
300°F, "Oil", US Kit, (gauge and sender)	310 6011
300°F, "Oil", Metric Kit, (gauge and sender)	<b>NEW</b> 310 6012

See sending unit application page 24.

**Mechanical, 2<sup>5</sup>/<sub>8</sub>" dia., 1/2-14 NPT adapter included.**

265°F, 96" Cap. Tubing, "Water"	180 609
340°F, 36" Cap. Tubing, "Oil"	180 610
340°F, 96" Cap. Tubing, "Oil"	180 611

## PRESSURE GAUGES

**Electrical, 2<sup>5</sup>/<sub>8</sub>" dia.**

150 PSI, "Oil"	350 602
<b>NEW</b> 150 PSI, US Kit, (gauge and sender)	350 6021
<b>NEW</b> 150 PSI, Metric Kit, (gauge and sender)	310 6022

See sending unit application page 24.

**Mechanical, 2<sup>5</sup>/<sub>8</sub>" dia., 1/8-27 NPT connection.**

15 PSI, "Fuel"	150 605
100 PSI, "Oil"	150 604
<b>NEW</b> 100 PSI, US Kit, (gauge and tubing)	350 6041
<b>NEW</b> 100 PSI, Metric Kit, (gauge and tubing)	310 6042

## VOLTMETER

**2<sup>5</sup>/<sub>8</sub>" dia.**

12V, "Volt"	332 601
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## FUEL PRESSURE GAUGE WITH ISOLATOR

15 PSI, gauge only	150 605
Isolator	240 830



310 603



150 604

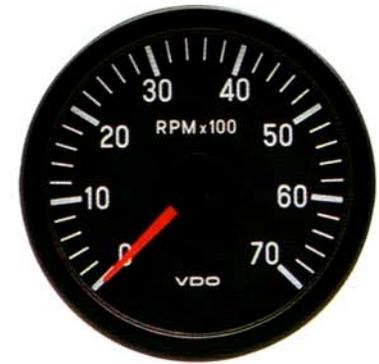
# Vision

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.



437 153



333 155



301 106



310 105

## SPEEDOMETERS

**Programmable, 12/24V, w/ resettable LCD trip odometer**

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

- 120 MPH, 3 1/8" dia. 437 151
- 85 MPH/130 KMH, 3 3/8" dia. 437 152
- 120 MPH, 3 3/8" dia. 437 153
- 120 MPH, 4" dia. 437 155
- 220 MPH, 330 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, 2 1/16" dia. 333 156
- 6,000 RPM, 2 1/16" dia. 333 158
- 8,000 RPM, 2 1/16" dia. 333 159
- 7,000 RPM, 3 1/8" dia. 333 151
- 7,000 RPM, 3 3/8" dia. 333 155
- 8,000 RPM, 4" dia. 333 160

See sending unit application page 23.

## FUEL LEVEL GAUGES

**2 1/16" 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, 2 1/16" dia., 1/8-27 NPT connection**

- 0-30 In.Hg., "Vacuum" 150 131

Tube kit not included, see page 25.

## TEMPERATURE GAUGES

**Electrical, 2 1/16" 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.

**Mechanical, 110-265°F, 2 1/16" dia.**

- 72" Cap. Tubing, "Water" 180 101

**Mechanical, 120-340°F, 2 1/16" dia.**

- 72" Cap. Tubing, "Oil" 180 105

## ADAPTERS

- 1/2-14 NPT 180 066
- 3/8-18 NPT 180 067

## OUTSIDE TEMPERATURE GAUGE

**Electrical, 2 1/16" dia., 12V**

- Complete kit, Fahrenheit (-10-120°F) 397 154





## PRESSURE GAUGES

*Electrical, 2 1/16" dia.*

80 PSI, 10-180 Ohms (VDO), "Oil"	350 104
100 PSI, 10-180 Ohms (VDO), "Oil"	350 106
150 PSI, 10-180 Ohms (VDO), "Oil"	350 108
400 PSI, 10-180 Ohms (VDO), "Trans PSI"	350 110

<b>NEW</b> 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 1/16" dia. 1/8-27 NPT connection*

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

<b>NEW</b> 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

Tube kit not included, see page 25.

## PYROMETERS

*Electrical, 2 1/16" dia., 250-1,650°F*

Kit, 12' lead	310 153
Kit includes gauge (310 151), sender (323 892) and harness. (240 701)	
Gauge only	310 151
15' Extension	240 092

## VOLTMETER

*2 1/16" dia.*

12V, "Volt"	332 103
-------------	---------

## AMMETERS

*2 1/16" dia.*

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

## COMPLETE INSTRUMENT KITS

3 7/8" 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

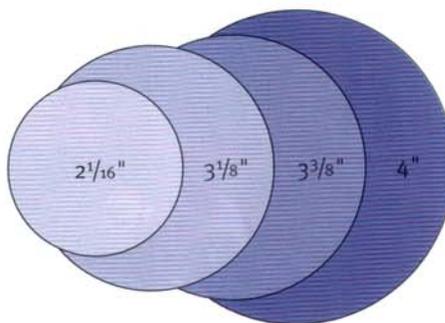


332 103

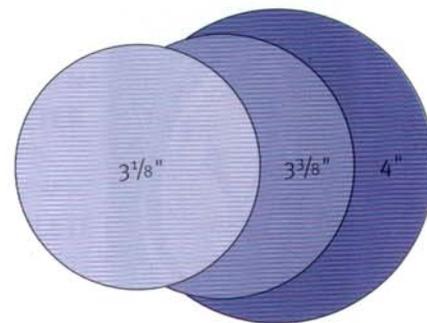


333 159

## Special Sizes Available with Vision Line!



Our Vision Tachometer is available in 4 sizes: 2 1/16", 3 1/8", 3 3/8", and 4".



Our Vision Speedometer is available in 3 sizes: 3 1/8", 3 3/8", and 4".

# 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.



437 722

## SPEEDOMETERS

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

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

- 120 MPH, 3<sup>1</sup>/<sub>8</sub>" dia. 437 720
  - 120 MPH, 3<sup>3</sup>/<sub>8</sub>" dia. 437 722
- See sending unit application page 23.

## TACHOMETERS

Electronic, ignition hook-up, 12V only, 4-6-8 cylinder

- 7,000 RPM, 3<sup>1</sup>/<sub>8</sub>" dia. 333 720
- 7,000 RPM, 3<sup>3</sup>/<sub>8</sub>" dia. 333 722

## TEMPERATURE GAUGE

Electrical, 2<sup>1</sup>/<sub>16</sub>" dia.

- 250°F, "Water" 310 720

- NEW** 250° F, US Kit, (gauge and sender) 310 7201
- NEW** 250°F, Metric Kit, (gauge and sender) 310 7202

## PRESSURE GAUGE

Electrical, 2<sup>1</sup>/<sub>16</sub>" dia.

- 80 PSI, "Oil" 350 720
- NEW** 80 PSI, US Kit, (gauge and sender) 350 7201
- NEW** 80 PSI, Metric Kit, (gauge and sender) 350 7202

310 720

## VOLTMETER

2<sup>1</sup>/<sub>16</sub>" dia.

- 12V, "Volts" 332 720

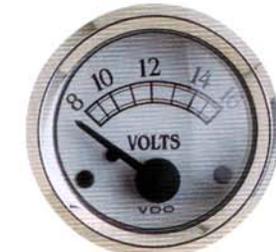
## FUEL GAUGES

Electrical, 2<sup>1</sup>/<sub>16</sub>" 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, 3<sup>1</sup>/<sub>8</sub>" 600 940
  - LCD Speedometer, 120 MPH, 3<sup>3</sup>/<sub>8</sub>" 600 941
- See page 15 for complete kit contents.



332 720



350 720



600 940

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.



437 353



180 310



350 303



301 301



## SPEEDOMETERS

**Programmable, 3<sup>3</sup>/<sub>8</sub>" dia., 12V, w/ resettable LCD trip odometer**

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

120 MPH

437 353 **NEW**

See sending unit application page 23.

**Mechanical, 3<sup>3</sup>/<sub>8</sub>" dia.**

120 MPH/200 KMH, 5/8-18 thread,  
1.0 ratio

120 302

## TACHOMETERS

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

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

4,000 RPM, 3<sup>3</sup>/<sub>8</sub>" dia.

333 353

7,000 RPM, 3<sup>3</sup>/<sub>8</sub>" dia.

333 355

## TEMPERATURE GAUGES

**Electrical, 2<sup>1</sup>/<sub>16</sub>" dia.**

250°F, VDO Ohm range, "Water"

310 304

400°F, VDO Ohm range, "Transmission"

310 303

250°F, US Kit, (gauge and sender)

310 3041

250°F, Metric Kit, (gauge and sender)

310 3042

300°F, US Kit, (gauge and sender)

310 3051

300°F, Metric Kit, (gauge and sender)

310 3052

400°F, US Kit, (gauge and sender)

310 3031

400°F, Metric Kit, (gauge and sender)

310 3032

See sending unit application page 24.

**Mechanical, 2<sup>1</sup>/<sub>16</sub>" dia., 1/2-14 NPT adapter included. Water temperature, 110° - 265°F**

48" Cap. Tubing, "Water"

180 310

72" Cap. Tubing, "Water"

180 301

144" Cap. Tubing, "Water"

180 302

**Mechanical, 2<sup>1</sup>/<sub>16</sub>" dia. 1/2-14 adapter incl., oil temperature, 120° - 340°F, on dial: "Oil"**

72" Cap. Tubing

180 315

144" Cap. Tubing

180 317

## ADAPTERS

1/2-14 NPT

180 066

3/8-18 NPT

180 067

## Cylinder Head Temperature Senders

15' intermediate wire

240 701

12 mm (inside diameter)

thermal sender

323 705\*

14 mm (inside diameter)

thermal sender

323 701\*

\*Fits on spark plug or cylinder head bolt.

## PRESSURE GAUGES

### Electrical, 2<sup>1</sup>/<sub>16</sub>" dia.

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

350 303

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

350 306

80 PSI, US Kit, (gauge and sender)

350 3031

80 PSI, Metric Kit, (gauge and sender)

350 3032

100 PSI, US Kit, (gauge and sender)

350 3061

See sending unit application page 24.

### Mechanical, 2<sup>1</sup>/<sub>16</sub>" dia., 1/8-27 NPT connection

100 PSI, "Oil"

150 330

150 PSI, "Oil"

150 306

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 3061

150 PSI, "Oil"

Metric Kit, (gauge and tubing)

350 3062

Turbo 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<sup>1</sup>/<sub>16</sub>" dia., 1/8-27 NPT connection**

30 In. Hg. to 15 PSI

150 361

Tubing kit not included, see page 25.

## FUEL LEVEL GAUGES

**Electrical, 2<sup>1</sup>/<sub>16</sub>" 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<sup>1</sup>/<sub>16</sub>" dia.**

12V, "Volts"

332 341

12V w/ color band, "Volts"

332 342

## AMMETER

**2<sup>1</sup>/<sub>16</sub>" dia.**

60 Amp, "Amps"

190 301

## COMPLETE INSTRUMENT KITS

3<sup>3</sup>/<sub>8</sub>" dia. LCD programmable speedo

600 925

3<sup>3</sup>/<sub>8</sub>" dia. Mechanical Speedometer Kit

600 907

**NEW** See page 15 for a complete list of kit contents.

# complete

## 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.*

Featuring  
New Lower-Cost  
Mechanical Speedometer  
Street Rod Kits

	MILLENNIUM		VISION		COCKPIT		COCKPIT WHITE		SERIES 1		CONTOUR		COCKPIT ROYALE		HERITAGE GOLD			
	600 92k	600 903	600 904	600 923	600 924	600 905	600 921	600 922	600 907	600 925	600 940	600 941	600 926	600 927	600 909	600 928	600 929	600 919
Speedometer, Mech., 120 MPH, 1.0 Ratio, 3 7/8" dia.					NEW			NEW					NEW				NEW	
Speedometer, LCD Programmable, 120 MPH, 3 7/8" dia.	X	X	X			X			X	X	X			X				
Speedometer, LCD Programmable, 120 MPH, 3 7/8" dia.			X	X			X	X	X	X	X	X			X			
Speedometer Sender, Programmable, Hall Effect, 16 Pulse 7/8-18 Thread For GM transmissions only	X	X	X	X	X		X	X	X	X	X	X	X		X	X		
Pressure Gauge, Elect., 80 PSI, 2 1/16" dia.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Pressure Sender, 80 PSI, 1/8-27 NPT Thread	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Temperature Gauge, Elect., 250°F, 2 1/16" dia.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Temperature Sender 250°F, 1/2-14 NPT Thread	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Fuel Gauge, 2 1/16" dia.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Fuel Level Sender, Tank Depth - 6"-23" deep	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Voltmeter, 2 1/16" dia.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X



Vision



Cockpit



Cockpit White



Series 1



Cockpit Royale



Heritage Gold

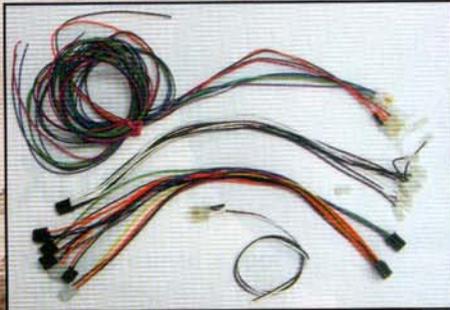


### STREET ROD KIT WIRING HARNESS

*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.

10,000 RPM, white  
10,000 RPM, black

333 924  
333 922

*Note: Will not work with magneto ignitions*



333 924

333 922

## Mini Shift Light

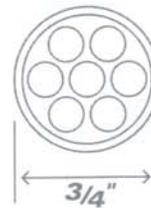


*Super Bright Red LED lighting.*

**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



XRP 5324

## Mega-Lite™ Shift Light

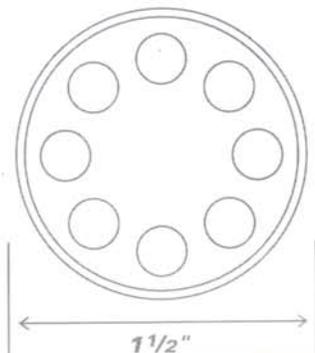
VDO Mega-Lite features 8 highly visible, LED lights and mounts easily on tach, roll bar, or dash. While filament-bulb shift lights need time to warm up, Mega-Lite responds instantly. Set the light intensity switch on high for daytime or low for nighttime. The low setting eliminates the need for diffuser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

Mega-Lite™ Shift Light

600 895



600 895





333 936

## 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, 1/3 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, 10mm, internal shift light.



333 938

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".

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*



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



333 901

**BLACK DIAL / BLACK HOUSING**

8,000 RPM 333 901

**WHITE DIAL / BLACK HOUSING**

8,000 RPM 333 903

**BLACK DIAL / CHROME HOUSING**

8,000 RPM 333 906

## 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.

## 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.

**BLACK DIAL / BLACK HOUSING**

8,000 RPM 333 940

**WHITE DIAL / BLACK HOUSING**

8,000 RPM 333 942

**BLACK DIAL / CHROME HOUSING**

8,000 RPM 333 941



333 941



330 990

## 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.

**BLACK DIAL / BLACK HOUSING**

8,000 RPM 333 990

**BLACK DIAL / CHROME HOUSING**

8,000 RPM 333 992



# Mini Pressure Gauges

1 1/2" outside diameter, direct mount, 1/8"-27 NPT connection.

For direct-mount monitoring of fuel and oil pressure systems, rely on VDO 1 1/2" dia. mechanical pressure gauges. Precision-machined brass movements, built-in restrictors and steel housings give you the accuracy and durability you need.

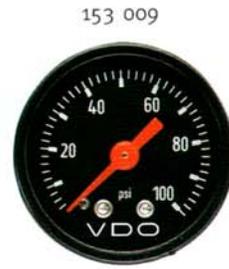
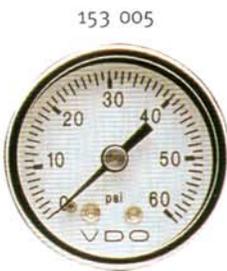
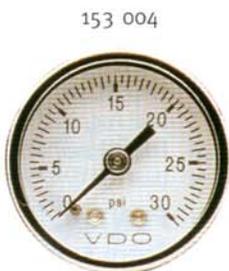
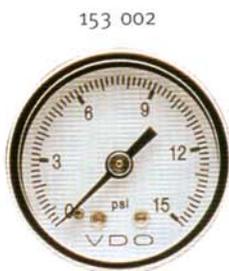
Compatible with all fuel management systems from carburetion to fuel injection. 100 PSI gauge can be used for direct-mount oil pressure readings.

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.



15 PSI, Black	153 006	15 PSI, Chrome	153 002
30 PSI, Black	153 007	30 PSI, Chrome	153 004
60 PSI, Black	153 008	60 PSI, Chrome	153 005
100 PSI, Black	153 009	100 PSI, Chrome	153 003

*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.



240 331



240 306

## ACURA

Integra, 90-93, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 357  
 Integra, 94-97, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 343

## BUICK

Grand National, 84-87, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 337

## CHEVROLET

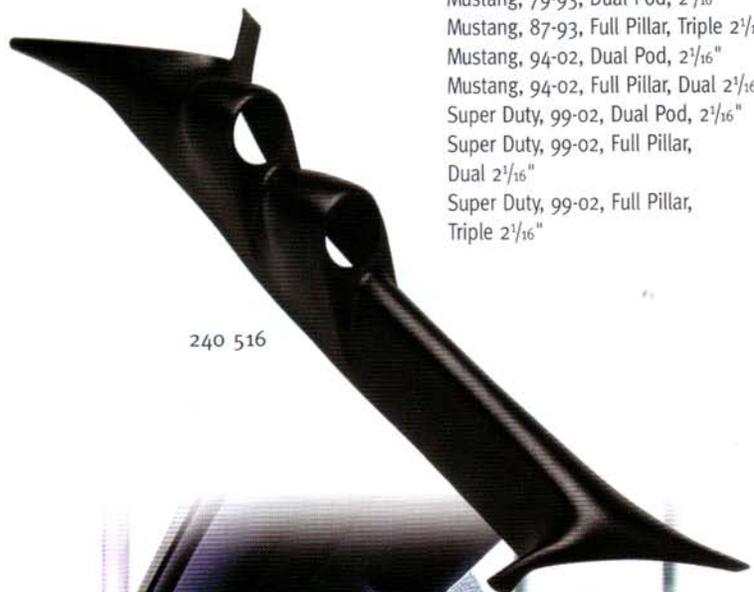
Camaro, 82-92, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 351  
 Camaro, 93-00, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 353

## DODGE

Neon, 00-01, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 326  
 Neon, 94-99, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 323  
 Ram, 98-01, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 512

## FORD

F150, 97, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 516  
 F150/250/Expedition, 98-02, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 516  
 F-Series (Except 97 F150), 87-97, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 522  
 Mustang, 79-93, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 302  
 Mustang, 87-93, Full Pillar, Triple 2<sup>1</sup>/<sub>16</sub>" 240 528  
 Mustang, 94-02, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 304  
 Mustang, 94-02, Full Pillar, Dual 2<sup>1</sup>/<sub>16</sub>" 240 526  
 Super Duty, 99-02, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 520  
 Super Duty, 99-02, Full Pillar, Dual 2<sup>1</sup>/<sub>16</sub>" 240 524  
 Super Duty, 99-02, Full Pillar, Triple 2<sup>1</sup>/<sub>16</sub>" 240 518



240 516

## GM

Full Size Pickup, 99-02, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 530  
 S-Blazer/Jimmy, 95-98, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 508  
 S-Series Pickup, 94-02, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 508

## HONDA

Civic, 96-00, Full Pillar, Dual 2<sup>1</sup>/<sub>16</sub>" 240 346  
 Civic / CRX, 88-91, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 306  
 Civic 2/3 Door, 92-95, Single Pod, 2<sup>1</sup>/<sub>16</sub>" 240 331  
 Civic 2/3 Door, 92-95, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 332  
 Civic 2/3 Door, 96-00, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 328  
 Civic 2/3 Door, 96-00, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 366

## MAZDA

Miata, 90-98, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 334  
 RX7, 86-89, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 313  
 RX7, 93-95, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 319

## MITSUBISHI

Conquest /Starion, 83-86, Replaces Clock, 2<sup>1</sup>/<sub>16</sub>" 240 321  
 Eclipse/Laser/Talon, 90-94, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 325  
 Eclipse/Laser/Talon, 95-99, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 317

## PONTIAC

Firebird, 82-92, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 351  
 Firebird, 93-00, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 353

## SUBARU

WRX, 01-02, Full Pillar, Dual 2<sup>1</sup>/<sub>16</sub>" 240 620  
 WRX, 01-02, Full Pillar, Triple 2<sup>1</sup>/<sub>16</sub>" 240 626

## VW

Beetle, 98-01, Dash Bezel-Dual 2<sup>1</sup>/<sub>16</sub>" 240 410  
 Golf/Jetta, 93-98, Dual Pod, 2<sup>1</sup>/<sub>16</sub>" 240 412



240 410

# Gauge Mounting Accessories

## MOUNTING CUPS

Steel mounting cups with smooth black or polished chrome finish.

For 2 <sup>1</sup> / <sub>16</sub> " dia. gauge, chrome	240 017*
For 2 <sup>1</sup> / <sub>16</sub> " dia. gauge, black	240 016*
For 2 <sup>5</sup> / <sub>8</sub> " dia. gauge, black	240 602
For 3 <sup>3</sup> / <sub>8</sub> " dia. gauge, chrome	240 019
For 3 <sup>3</sup> / <sub>8</sub> " dia. gauge, black	240 018

\*Will not work with 2<sup>1</sup>/<sub>16</sub>" dia. clocks, outside temperature gauges or pyrometers.

## CUSTOM CONSOLE

Available with single opening for mounting of VDO 2<sup>1</sup>/<sub>16</sub>" 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 <sup>1</sup> / <sub>4</sub> " x 3 <sup>3</sup> / <sub>8</sub> " x 4 <sup>3</sup> / <sub>8</sub> "	110 869
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## CUSTOM MINI CONSOLES

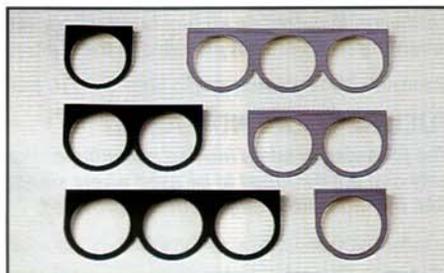
Consoles are made of durable ABS plastic with black leather-like finish. Select from two models, each designed for VDO 2<sup>1</sup>/<sub>16</sub>" gauges. Can be surface mounted to nearly any flat surface, horizontally or vertically. Consoles are angled toward driver for maximum readability.

2 openings, 2" x 3 <sup>3</sup> / <sub>8</sub> " x 8"	110 861
3 openings, 2" x 3 <sup>3</sup> / <sub>8</sub> " x 11 <sup>1</sup> / <sub>2</sub> "	110 862

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



Safety Mounting Brackets



Mounting Brackets



## ADJUSTABLE MOUNTING CUPS

In durable ABS plastic with matte black finish.

For all 2 <sup>1</sup> / <sub>16</sub> " dia. electrical gauges, except outside temp. gauge, pyrometer, clock, ammeter and 2 <sup>1</sup> / <sub>16</sub> " tachometer	240 100
2 <sup>1</sup> / <sub>16</sub> " dia., long version for outside temp. gauge, pyrometer, clock, ammeter and 2 <sup>1</sup> / <sub>16</sub> " dia. tachometer	240 101
For 3 <sup>1</sup> / <sub>8</sub> " dia. tachometer	240 102

## MOUNTING BRACKETS

These VDO mounting brackets are made of metal with smooth black or chrome finishes. 1, 2, and 3 opening models for 2<sup>1</sup>/<sub>16</sub>" dia. gauges.

1 opening, 2 <sup>7</sup> / <sub>8</sub> " x 2 <sup>11</sup> / <sub>16</sub> ", chrome	240 034
1 opening, 2 <sup>7</sup> / <sub>8</sub> " x 2 <sup>11</sup> / <sub>16</sub> ", black	240 027
2 openings, 2 <sup>7</sup> / <sub>8</sub> " x 5 <sup>3</sup> / <sub>16</sub> ", chrome	240 035
2 openings, 2 <sup>7</sup> / <sub>8</sub> " x 5 <sup>3</sup> / <sub>16</sub> ", black	240 028
3 openings, 2 <sup>7</sup> / <sub>8</sub> " x 7 <sup>1</sup> / <sub>2</sub> ", chrome	240 036
3 openings, 2 <sup>7</sup> / <sub>8</sub> " x 7 <sup>1</sup> / <sub>2</sub> ", black	240 029

## SAFETY MOUNTING BRACKETS

These unique mounting brackets are made of a flexible material for safety and can be used to install 2<sup>1</sup>/<sub>16</sub>" dia. gauges. Matte black color.

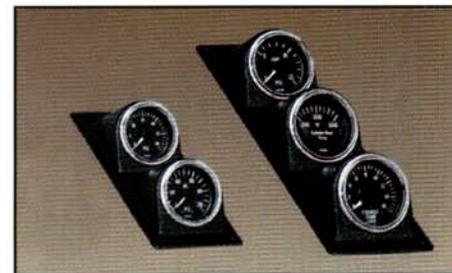
1 opening, 3 <sup>7</sup> / <sub>8</sub> " x 1 <sup>1</sup> / <sub>4</sub> " x 2 <sup>1</sup> / <sub>2</sub> "	240 802
2 openings, 3 <sup>7</sup> / <sub>8</sub> " x 1 <sup>1</sup> / <sub>4</sub> " x 4 <sup>7</sup> / <sub>8</sub> "	240 803



Custom Consoles



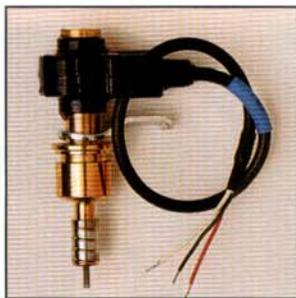
Mounting Cups



Custom Mini Consoles



Adjustable Mounting Cups



340 013



340 011

# 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, 3/4-16 thread	340 020
------------------------	---------



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
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## 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 1399 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 2 7/8" (54mm) bolt circle for sender 226 001, 226 002, 226 007, and 226 008	226 451
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226 002



226 902



# Temperature Senders



## UNIVERSAL TEMPERATURE SENDER KITS

250°F, (120°C)	323 900
300°F, (150°C)	323 905

Includes: 1/8-27 NPT temperature sender, 1/4-18" bushing, 3/8-18" bushing and 1/2-14" bushing and 1/4" spade terminal.

## UNIVERSAL BUSHING KIT

Inside diameter 1/8-27 NPT

For use with all pressure senders 240 903

Includes: 1/4-18", 3/8-18", and 1/2-14" 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.

RANGE	THREAD	WARNING CONTACT	# ON SENDER	PART #
250°F	1/8-27 NPT		801/5/1	323 095*
250°F	1/4-18 NPT		801/1/9	323 420*
250°F	3/8-18 NPT		801/1/17	323 094*
250°F	3/8-18 NPT		801/1/38	323 4215
250°F	1/2-14 NPT		801/1/10	323 093*
250°F	1/2-14 NPT		801/1/16	323 4195
250°F	1/2-14 NPT	195F ± 5F	803/1/37	323 097*
250°F	1/2-14 NPT	205F ± 5F	803/1/19	323 098*
250°F	1/2-14 NPT	217F ± 5F	803/1/25	323 099
250°F	1/2-14 NPT	230F ± 5F	803/1/32	323 100*
250°F	5/8-18 NF-3	209F ± 5F	803/1/2	323 026*
250°F	5/8-18 UNF		801/1/25	323 4225
250°F	5/8-18 NF-3	203F ± 5F	803/1/11	323 487*
250°F	M10 X 1		801/17/1	323 088
250°F	M14 X 1.5		801/1/26	323 4165
250°F	M16 X 1.5	230F ± 5F	803/1/17	323 028*
250°F	M16 X 1.5		801/1/29	323 4175
300°F	1/8-27 NPT		801/9/1	323 057*
300°F	1/4-18 NPT		801/4/17	323 0585
300°F	3/8-18 NPT		801/1/15	323 059*
300°F	1/2-14 NPT		801/4/6	323 0605
300°F	1/2-14 NPT	250F ± 5F	803/2/15	323 120
300°F	5/8-18 UNF		801/4/9	323 0615
300°F	M10 X 1		801/9/3	323 423*
300°F	M12 X 1.5		801/10/3	323 092*
300°F	M14 X 1.5		801/4/35	323 0555
300°F	M16 X 1.5		801/12/1	323 0565
300°F	VW Beetle Dipstick		801/14/2	323 081n
400°F	1/8-27 NPT (5/8" probe)		801/13/1	323 050
400°F	1/8-27 NPT (3/8" probe)		801/18/1	323 086
400°F	M10 X 1.5		801/3/1	323 091
400°F	M10 X 1		801/3/2	323 090

\* = Spade Terminal      n = 13 5/8" long      s = Screw Cap

# Pressure Senders



## UNIVERSAL PRESSURE SENDER KITS

80 PSI, (5 Bar)	360 900
150 PSI, (10 Bar)	360 905

Includes: 1/8-27 NPT pressure sender, 1/4-18" bushing, 3/8-18" bushing and 1/2-14" bushing.

## UNIVERSAL BUSHING KIT

Inside diameter 1/8-27 NPT

For use with all pressure and temperature senders 240 903

Includes: 1/4-18", 3/8-18" and 1/2-14" 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.

RANGE	THREAD	WARNING	# ON CONTACT	PART # SENDER
0-30 PSI	1/8-27 NPT		32/25	360 043**
0-80 PSI	1/8-27 NPT		29/4	360 003
0-80 PSI	1/8-27 NPT	7.0 PSI	30/23	360 009
0-80 PSI	1/4-18 NPT		29/8	360 005
0-80 PSI	1/4-18 NPT	8.0 PSI	30/20	360 019
0-80 PSI	1/8-27 NPT		AT84200	360 801*
0-80 PSI	M10 X 1K		29/1	360 001
0-80 PSI	M10 X 1K	7.0 PSI	30/2	360 006
0-80 PSI	M12 X 1.5		29/2	360 002
0-80 PSI	M12 X 1.5	8.5 PSI	30/6	360 007
0-80 PSI	M14 X 1.5		29/26	360 027
0-80 PSI	M14 X 1.5	7.1 PSI	30/28	360 028
0-100 PSI	1/8-27 NPT		655	360 086
0-100 PSI	1/8-27 NPT		734	360 811*
0-150 PSI	1/8-27 NPT		29/12	360 004
0-150 PSI	1/8-27 NPT	11.4 PSI	30/15	360 025
0-150 PSI	1/8-28 BSP		29/62	360 081
0-150 PSI	1/4-18 NPT		29/20	360 021
0-150 PSI	M10 X 1K		29/10	360 015
0-150 PSI	M10 X 1K	7.0 PSI	30/9	360 023
0-150 PSI	M10 X 1K	29.6 PSI	30/41	360 033
0-150 PSI	M12 X 1.5		29/13	360 016
0-150 PSI	M12 X 1.5	7.0 PSI	30/22	360 024

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.

# Gauge Accessories



150 851

## 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



240 023

## WIRING KIT

*Includes necessary wire and terminals.*

For all instruments except ammeters 240 023



600 402

## STUD MOUNTING KITS

*For converting Spin-Lok mounted instruments to stud type mounting.*

2 1/16" gauge dia.	600 402
3 1/8" and 3 3/8" gauge dia.	600 401



240 850

## T-ADAPTERS

Male 1/8-27 NPT	240 855
Male M10 x 1	240 850



600 404

## REPLACEMENT SPIN-LOK MOUNTING RINGS

2 1/16" gauge dia.	600 404
3 1/8" gauge dia.	600 405
3 3/8" gauge dia.	600 406

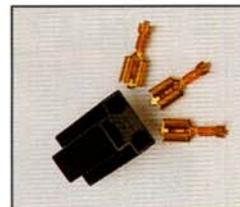


600 405

## PUSH-ON CONNECTORS

Provides convenient installation for all temperature, pressure, and fuel gauges with three-spade connectors.

Housing w/ crimp connectors	240 026
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240 026



240 053

## CONNECTOR

VDO programmable gauge connector provides convenient installation for speedometers and tachometers.

Connector w/ terminals	240 053
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## 5" PRO RECORDING TACHOMETER ACCESSORIES

*for Xtreme Series Tachometers*

In-Dash Mounting Bracket	240 104
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6' Extension Cable for remote mounting control pad	240 207
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240 207

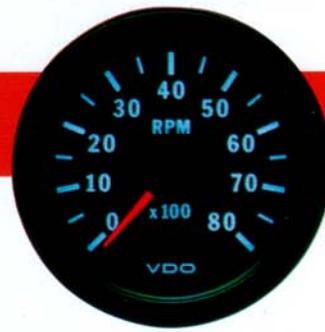


240 104



# LED Lighting

**NEW**



Bulb at actual size

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

## RED

5mm, replaces mini-wedge base bulb, Red 600 985  
10mm, replaces std. size wedge base bulb, Red 600 995

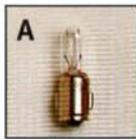
## BLUE

5mm, replaces mini-wedge base bulb, Blue 600 986  
10mm, replaces std. size wedge base bulb, Blue 600 996

## YELLOW

5mm, replaces mini-wedge base bulb, Yellow 600 987  
10mm, replaces std. size wedge base bulb, Yellow 600 997

## 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.

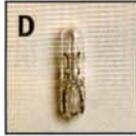
11/32" 12V, 2W 600 804



### TYPE C BULB

Fits socket #600 821.

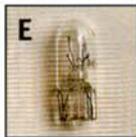
3/8" 12V, 2W 600 820



### TYPE D BULB

Fits socket #600 823.

Peanut-type, 12V, 1.2W 600 809



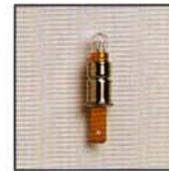
### TYPE E BULBS

Fits socket #600 839.

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



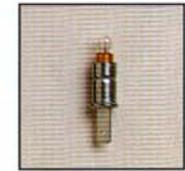
600 816



600 817



600 821



600 818

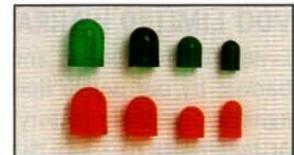
### LIGHT BULB SOCKETS

3/8" steel, uses bulb Type A 600 816  
3/8" brass, uses bulb Type A 600 817  
5/8" steel, uses bulb Type C 600 821  
15/32" steel, uses bulb Type B 600 818

### 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.

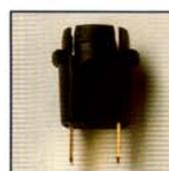
Red, Type A, 9/32" bulb 600 853  
Green, Type A, 9/32" bulb 600 856  
Orange, Type A 9/32" bulb 600 866  
Red, Type B, 11/32" bulb 600 857  
Green, Type B, 11/32" bulb 600 858  
Red, Type D, peanut bulb 600 859  
Green, Type D, peanut bulb 600 860  
Red, Types E and C bulbs 600 861  
Green, Types E and C bulbs 600 862



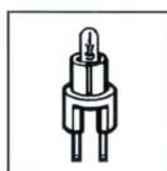
Light Diffusers



600 819



600 840



600 823

### INSULATED LIGHT BULB SOCKETS

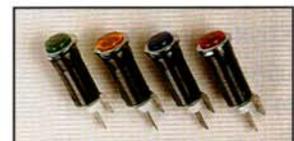
15/32" steel, uses bulb Type B 600 819  
Uses peanut-type bulb Type D 600 808  
Uses wedge-base bulb Type E 600 840  
Uses peanut-type bulb Type D 600 823

Bulb not included.

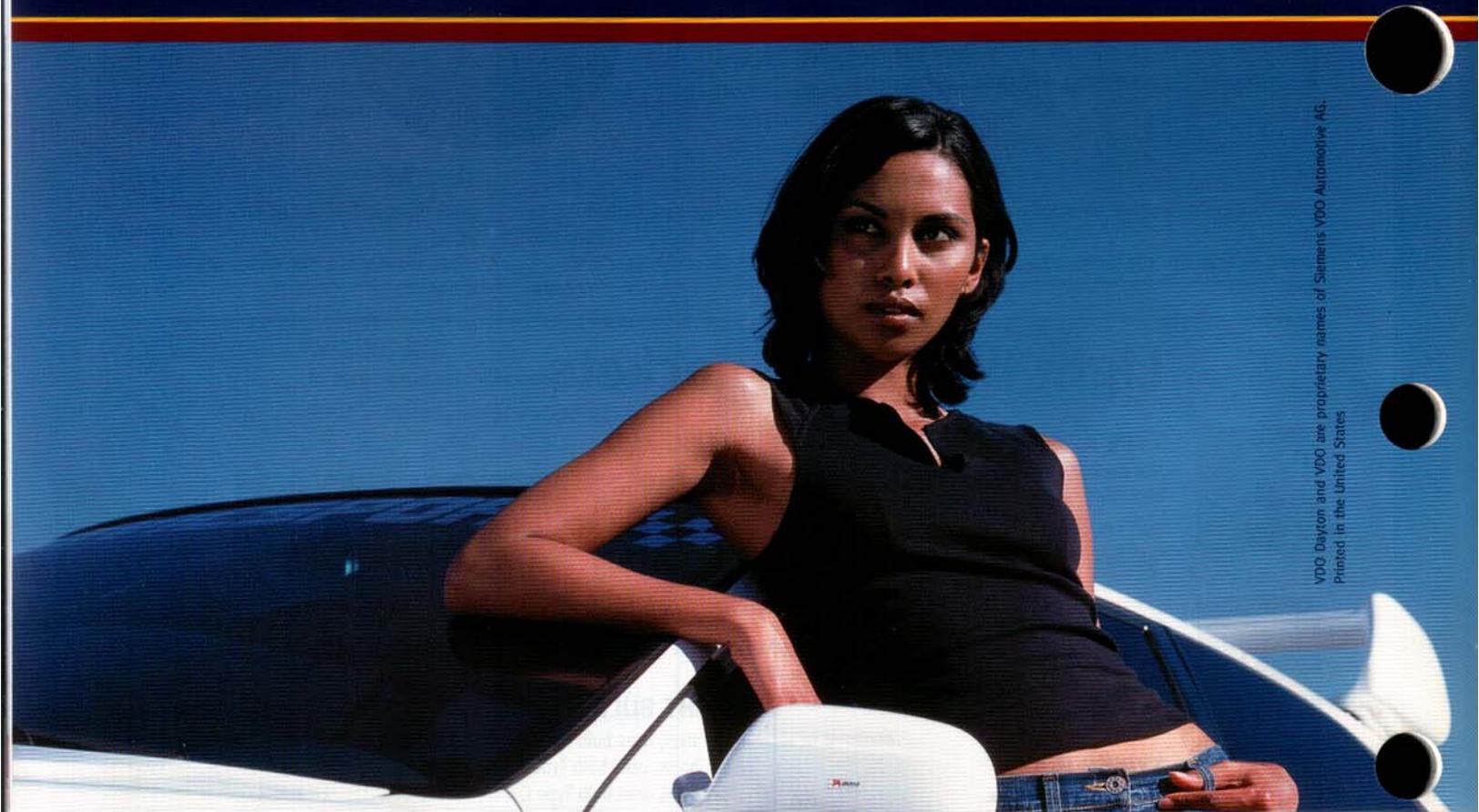
### WARNING LIGHTS

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



Warning Lights



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**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.



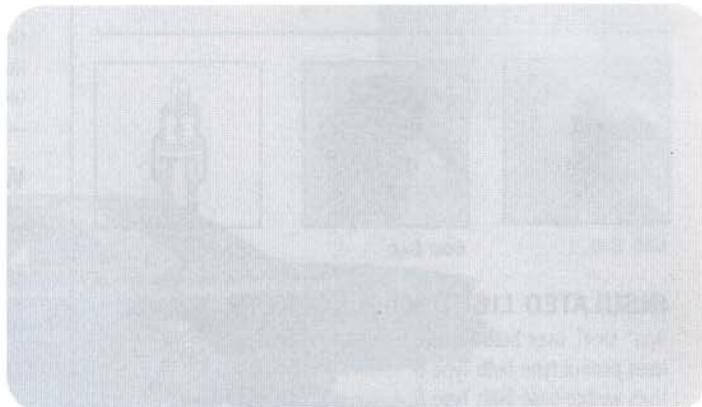
VDO Instrument Kits (see pages 15 & 16)

**Siemens VDO Automotive Corp.**

Service and Special Solutions  
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Allentown, PA 18104  
USA

Phone: 610-289-0488

E-mail: [fmabeproductsupport@siemensvdo.com](mailto:fmabeproductsupport@siemensvdo.com)



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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.