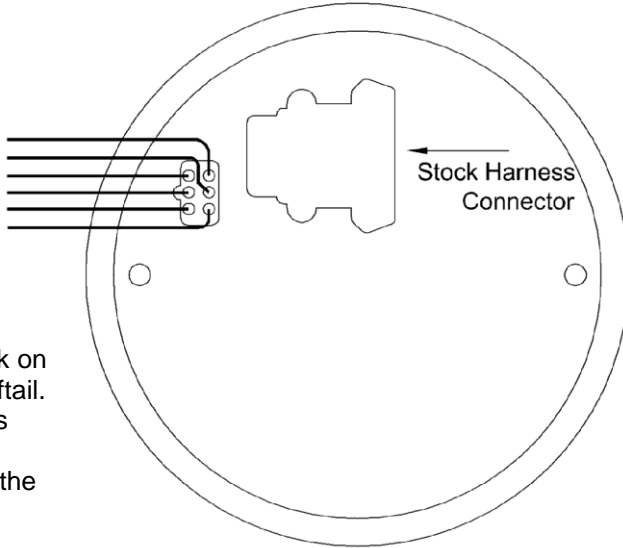




MODEL MCL-2004(-R)
TANK MOUNT SPEEDOMETER/TACHOMETER

Wiring Diagram

oil warning indicator (-) BROWN
neutral indicator (-) WHITE/GREEN
high beam indicator (+) PURPLE
temp sensor ground BLACK
temp sensor signal BLUE
pressure sensor GRAY



The MCL-2004(-R) gauges will work on 2004-2011 models except 2011 Softail. It is a direct plug in on these models and requires no additional wiring. Auxiliary indicators can be wired to the gauge.

IMPORTANT NOTE! This gauge has an odometer preset option that is only available for the first 100 miles (160km) of operation. See "preset odometer" for instructions.

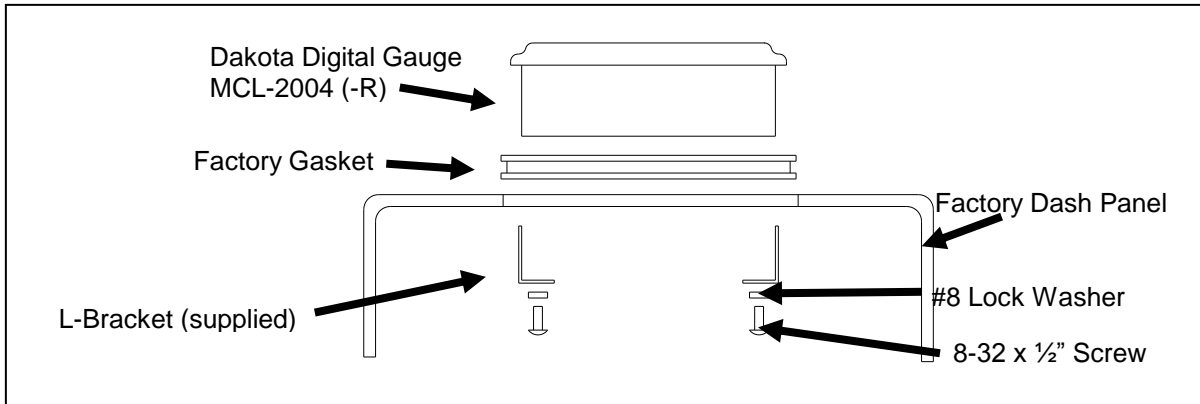
Mounting:

The MCL-2004(-R) is designed to fit in the "Fat Bob" style five inch diameter dash mount gauge openings.

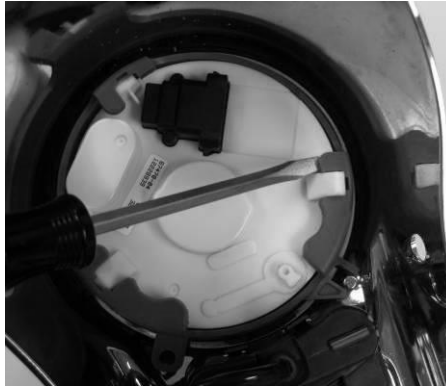


For all models except Deuce

NOTE: The supplied ABS mounting ring is not used for these applications and can be discarded



- Remove the dash
- Unclip and unplug the factory gauge

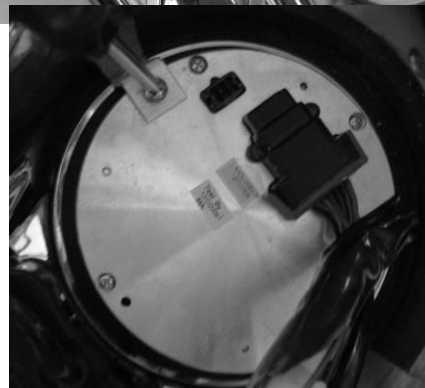


- Insure that the rubber gasket is still in the dash or remove from factory gauge and place back on



dash

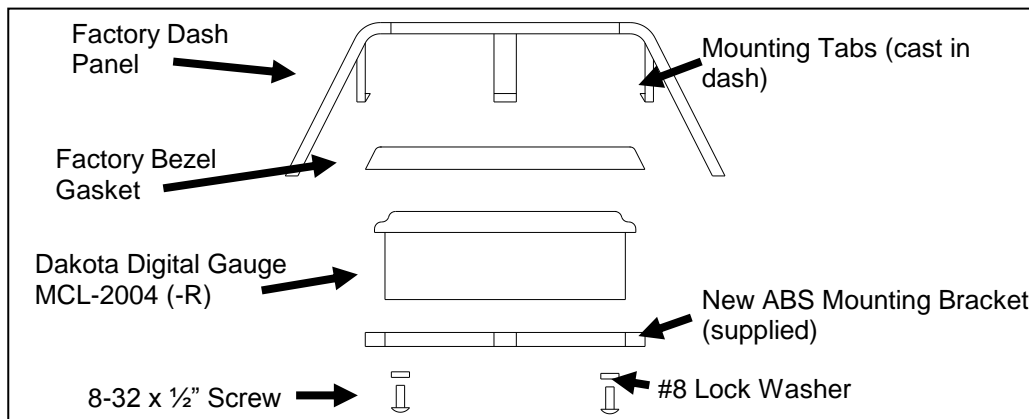
- Insert new gauge from front of dash
- Plug in and turn on so you can straighten the gauge in the dash
- Use supplied L-brackets along with the 8-32 screws and lock washers to secure the gauge
- Reinstall the dash



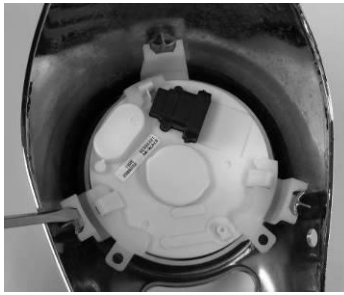
Deuce mounting

NOTE: The supplied L-bracket mounting pieces are not used for this application and can be discarded

Since the Deuce gauge mounts from under the dash, mounting requires use of the supplied ABS bracket.



- Remove the dash
- Unclip and unplug the factory gauge



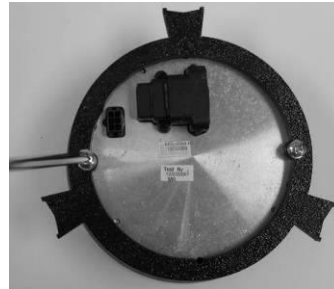
- Remove the rubber gasket from the factory gauge bezel



- Install gasket over the bezel of the Dakota Digital gauge. The gasket doesn't cover the entire bezel, there should be some chrome showing when the gasket is installed



- Screw the ABS mounting bracket to the back of the gauge with the two 8-32 screws and lock washers. The smooth side of the ABS should go down towards the back of the can this will align the gauge properly in the dash.



- Snap the gauge into the dash starting with one tab in and then working in a clockwise direction snapping the other two tabs in one at a time. The tabs are tight so it takes a fair amount of pressure to snap them in make sure they are seated under the tabs in the dash once locked in
- Plug in the connector and reinstall the dash.



Wiring

The gauge is a direct plug in on 2004 and newer bikes. The only wiring, which is optional, is for the indicator lights and auxiliary pressure/temp gauges if you choose.

POWER

Constant battery power and key switched power are supplied by the stock harness.

GROUND

Ground is supplied by the stock harness.

STATUS AND WARNING INDICATORS

An extra 6 pin harness is supplied for the indicators not found in the stock speedometer harness connector.

The high beam indicator is activated by 12 volts at the purple wire. The turn signals can be activated by the data bus on most models.

The neutral and low oil indicators are activated by ground at their respective hook-up wires. These can be connected to the same wires that the stock indicator lights would be connected to. The low oil wire is brown and the neutral wire is white/green.

Several indicators are supplied on the stock wiring harness. Some of these may not be active on your motorcycle. These include the security (red key symbol), engine (red 'E'), ABS (red 'ABS'), low fuel (amber fuel pump symbol), and cruise control (arrow and circle symbol). All of these indicators have a fixed color except for the cruise control. This will be red or blue when the cruise switch is on and change to green when the cruise is engaged.

LOW VOLTAGE WARNING

When the voltage drops below the warning limit with the engine running, "LO" and your current voltage will be displayed. (default warning limit is 11.0V)

SPEEDOMETER

The speedometer is read from the engine control module (ECM) data bus. This can be calibrated to allow for differences in tires or gearing. Calibration is discussed in a later section.

TACHOMETER

The tachometer is read from the ECM data bus.

The bar displays rpm x1000 with a range of 350 – 7000 rpm. The rpm can also optionally be shown on the message display.

CLOCK

The clock uses a 12 hour format and can be set by pressing and holding the switch while the clock is displayed. After the switch is held for a few seconds the hours will begin flashing. Momentarily pressing the switch will change the hours, holding the switch will move to the minute set and the minutes will begin flashing. Momentarily pressing the switch will now change the minutes. Holding the switch will exit the clock set mode.

GAUGE SETUP AND CALIBRATION

The setup menus are entered by holding the switch in while turning the key on. The menus are as follows:

<u>Menu</u>	<u>Description</u>
<i>dIAG</i> (EnG InE, SECUrE, Abs, dOnE)	read diagnostic codes
<i>AdJUSt</i> (FAStEr, SlOwEr) (75 - 125)	adjust calibrate speed
<i>unIt</i> (MPH, km/h)	select speed unit
<i>SSEt</i> (OFF, 500 - 7500)	miles to service setting
<i>PErF</i> (On, OFF)	turn on/off performance displays
<i>nIGHt</i> (On, OFF)	turn on/off automatic night dimming
<i>UPdAtE</i> (1, 2, 3)	set digital rpm update rate
<i>WArn^{RPM}</i> (shown on bar graph)	set rpm shift warning point
<i>COLO^{RPM}</i> (shown on bar graph)	select rpm bar graph color, red or green
<i>WArn^V</i> (9.0 - 12.1)	set low volt warning point
<i>SEndEr^P</i> (75, 150, 400)	select pressure sender type
<i>WArn^P</i> (L0 5 - 36) (H1 37 - 75, 75 - 150, or 150 - 300)	set pressure warning points
<i>SEt FC</i> (HEAd F, HEAd C, 400F, 200C, 302F, 151C)	select temperature sensor and unit
<i>H1 F-C</i> (200F - 350F or 93C - 176C)	set temperature warning point
<i>GEAr</i> (dOnE, PrESEt, LEArn)	transmission gear display selection
<i>FUEL</i> (dOnE, tESEt, rESEt, AdJUSt)	low fuel light setup
<i>CL CAL</i> (-8 - 7)	adjust clock calibration
<i>InFO</i>	display gauge revision code on speedometer
<i>rAnGE</i> (dOnE, SEndEr, rESEt)	miles to empty setup
<i>odOm⁷</i>	one-time odometer preset



SPEEDOMETER SETUP

Press and hold the switch while turning the key on and starting the engine. Once the engine is running, release the switch. Press and release the switch to change the menu selection.

d IAS Diagnostics mode for checking/clearing trouble codes

- Press and release the switch until “**d IAS**” is displayed, then press and hold the switch until “ - ” is displayed.
- Release the switch. The display will show “**ENG INE**”, “**SECLURE**”, “**ABS**”, or “**done**”.
- Press and release the switch to change the selection, press and hold the switch until “ - ” is displayed to begin reading the stored codes for the particular system.
- Release the switch. The display will show the current codes, “**none**”, or “**no rSP**”. Press and release the switch to move to the next stored code. After all codes are displayed the module part number will be scrolled across the screen. To clear codes, press and hold the switch when “**end**” is displayed. Consult a service manual for trouble code descriptions.

SPEED CALIBRATION

The speed calibration is not required unless you have changed out the rear pulley, sprocket, stock transmission, or stock tires.

Adjust Adjust speedometer calibration

- Press and release the switch until “**Adjust**” is displayed, then press and hold the switch until “ - ” is displayed.
- Release the switch. The display will show “**FASTER**” or “**SLOWER**”. Faster will allow you to increase the speedometer reading, slow will allow you to decrease the speedometer reading.
- Press and release the switch to change, press and hold the switch to continue. The display will change to “**CL**” and a number from 75 to 125. This is the calibration ratio that is applied to the reading that the ECM is providing. 110 will be 10% faster, 90 will be 10% slower. Think of the number displayed as a percentage.
$$\frac{\text{Actual speed}}{\text{speedometer reading}} \times \text{current Cal ratio (100 by default)} = \text{new Cal ratio}$$
- Press and release the switch to change the cal ratio. When the desired cal ratio is shown, press and hold the switch to save it.

unit Speed unit

- Press and release the switch until “**unit**” is displayed, then press and hold the switch until “ - ” is displayed.
- Release the switch. The display will light up the current speed unit (MPH or km/h).
- Press and hold the switch to keep the current unit or press and release the switch to change the unit.

5 SEt Miles to Next Service setup

The service mileage is a countdown mile meter. The service mile display can be disabled or can be set to count down from 500 – 7500 miles. If the service mileage is enabled and it gets to 0 miles it will display “**5 -dUE**” each time the key is turned on. If the push button switch is pressed and held while “**5 -dUE**” or “**5**” and a mileage is displayed, the service miles will be reset to your preset value.

- Press and release the switch until “**5 SEt**” is displayed, then press and hold the switch until “ - ” is displayed.
- Release the switch. The current setting will be displayed, “**OFF**” or a mileage from 500 - 7500.
- Press and release the switch until the desired setting is displayed.
- Press and hold the switch until “ - ” is displayed.

PERF Performance menu setup

The performance readings can be turned on or off. When they are turned off the odometer will only toggle through the mileage readings.

- Press and release the switch until “**PERF**” is displayed, then press and hold the switch until “ - ” is displayed.
- Release the switch. The current setting will be displayed (**on** or **off**).
- Press and release the switch until the desired setting is displayed.
- Press and hold the switch until “ - ” is displayed.

n IHEt Night Dimming

Your display system has a dimming feature that dims the display intensity automatically at night. Normally the system is at full brightness for daytime viewing. To have the system at full brightness all of the time, go into the setup menu as described above and select “**nHEt**” (night). Press and release the function switch to select “**OFF**” instead of “**on**”. Press and hold the function switch to save the new setting.

- Press and release the switch until “**n IHEt**” is displayed, then press and hold the switch until “ - ” is displayed.
- Release the switch. The current setting will be displayed. (**on**, **OFF**).
- Press and release the switch until the desired setting is displayed.
- Press and hold the switch until “ - ” is displayed to save the setting.

TACHOMETER SETUP

The digital tachometer update rate can be adjusted between slow, mid, and fast. The rpm warning/shift point can be adjusted from 2000 – 7500 RPM. The bar graph color can also be changed from green with a red warning to red with a green warning.

UDATE Display update setup

The display update will select how quickly the digital tachometer reading will respond.

- Press and release the switch until “UDATE” is displayed, then press and hold the switch until “ - ” is displayed.
- Release the switch. The update setting will be displayed. (1=slow, 2=mid, 3=fast).
- Press and release the switch until the desired setting is displayed.
- Press and hold the switch until “ - ” is displayed to save the setting.

UDRN^{RPM} Rpm warning setup

- Press and release the switch until “UDRN^{RPM}” is displayed, then press and hold the switch until “ - ” is displayed.
- Release the switch. The current warning point will be displayed on the bar graph.
- Press and release the switch until the desired setting is displayed.
- Press and hold the switch until “ - ” is displayed to save the setting.

CO^{RPM} or Bar graph color selection

- Press and release the switch until “CO^{RPM} or ” is displayed, then press and hold the switch until “ - ” is displayed.
- Release the switch. The tach bar will light up in the current color (green or red).
- Press and release the switch until the desired color is displayed.
- Press and hold the switch until “ - ” is displayed to save the setting.

UDRN^V Voltage warning setup

- Press and release the switch until “UDRN^V” is displayed, then press and hold the switch until “ - ” is displayed.
- Release the switch. The current warning point will be displayed (9.0 – 12.0).
- Press and release the switch until the desired setting is displayed.
- Press and hold the switch until “ - ” is displayed to save the setting.

SENDER_p Pressure sender setup

The gauge can use the following Dakota Digital pressure sensors: SEN-1031 (0-150 psi), SEN-1032 (0-75 psi), or SEN-1035 (0-400 psi)

- Press and release the switch until “SENDER_p” is displayed, then press and hold the switch until “ - ” is displayed.
- Release the switch. The current sender type will be shown (75, 150, or 400).
- Press and release the switch until the desired setting is displayed.
- Press and hold the switch until “ - ” is displayed to save the setting.

UDRN_p Pressure warning setup

- Press and release the switch until “UDRN_p” is displayed, then press and hold the switch until “ - ” is displayed.
- Release the switch. LO and number from 5-36 will be displayed for the low pressure warning point.
- Press and release the switch until the desired value is displayed.
- Press and hold the switch until “ - ” is displayed to go on to the high warning.
- Release the switch. HI and number from 37-75, 75-150, or 150-300 will be displayed for the high pressure warning point depending on the sender type selected.
- Press and release the switch until the desired value is displayed.
- Press and hold the switch until “ - ” is displayed to save the setting.

SELE_{FC} Temperature sender setup

The temperature gauge can read the stock head temperature sensor from the ECM or it can use the following Dakota Digital temperature sensors: SEN-1043 (400F/200C) or SEN-1044(302F/151C)

- Press and release the switch until “SELE_{FC}” is displayed, then press and hold the switch until “ - ” is displayed.
- Release the switch. The current sender type will be shown with its unit. (HEAD F, HEAD C, 400F, 200C, 302F, or 151C).
- Press and release the switch until the desired setting is displayed.
- Press and hold the switch until “ - ” is displayed to save the setting.

HIF-FC Temperature warning setup

- Press and release the switch until “HIF-FC” is displayed, then press and hold the switch until “ - ” is displayed.
- Release the switch. H and number from 200F – 350F or 93C – 176C will be displayed.
- Press and release the switch until the desired value is displayed.
- Press and hold the switch until “ - ” is displayed to save the setting.

GEAR- Gear Indicator setup

This gauge has a single digit display for gear position. The gauge can learn the gear ratios based on speed and rpm so no sensors are needed, just what you've already connected. It will work with 4, 5, 6, or 7 speed transmissions. The factory preset option will preset the indicator to work with a stock 5 or 6 speed drive train. With a stock 6 speed there will be a slight delay the first time you shift to sixth gear as the system verifies the gear. Subsequent shifts to sixth gear will not have the delay. You can also program each gear position for aftermarket transmissions or if you've changed wheel size or sprocket size. To program the gear positions, begin at a section of road where you can gradually shift through all of the gears. Press and hold the switch while turning the key on and starting the engine. Once the engine is running, release the switch.

- Press and release the switch until "GEAR" is displayed, press and hold the switch until "-" is displayed.
- The display will show "done", "RESET", or "LEARN". "done" will exit the menu. "RESET" will set the indicator for an original factory transmission. "LEARN" allows it to work with virtually any transmission option.
- To program each gear individually, press and release the switch until "LEARN" is displayed, then press and hold the switch.
- The message will show "LD LCH" if the engine rpm is below 1500, or "LD SPD" if the vehicle speed is below 5 mph.
- Begin driving in 1st gear. The display should show GEAR 1 and the "1" should be flashing. Drive at a steady speed until the "1" stops flashing, it should only take about 20 seconds if the speed and RPMs are steady.
 - *Optionally: If the gear does not stop flashing you can manually override and jump to the next gear by pressing and releasing the switch to store the gear position quicker.*
- Shift to 2nd gear and drive at a steady speed. The display will change to a flashing "2".
- Wait until the "2" stops flashing. Shift to the next gear and a "3" should start flashing.
 - *Optionally: If the gears do not stop flashing you can manually override and jump to the next gear by pressing and releasing the switch to store the gear position quicker.*
- Repeat this through each gear. When you are done, come to a complete stop or press and hold the switch until the display shows "SETUP" and then release it.
- Turn the key off and then on again to restart the gauges in normal operation, verify the gear position by riding through each gear and checking if positions agree.

FUEL Low fuel light setup

- Press and release the switch until "FUEL" is displayed, then press and hold the switch until "-" is displayed.
- The display will show "OFF" or "on". Press and release the switch to change to the desired setting.
- Press and hold the switch until "-" is displayed to select the setting.
- OFF turns the low fuel function off and disables the low fuel light on the Dakota Digital gauge so it will never turn on.
- Turning the function on will access the following menus
 - done (exits the setup and also displays current desired turn-on ratio)
 - LEST (displays the ratio of the fuel level sender voltage to battery voltage)
 - RESET (changes setting to the default of most stock gauges approximately 25% or ¼ tank)
 - ADJUST (used to set a custom level from 00 - 50% about ½ tank to empty)
- Press and release the switch to select the desired fuel setup menu, then press and hold it to select it until "-" is displayed, then release the switch to view or go on.
- A press and hold will save the setting or exit back to the menu.
- done is the first menu displayed, a press and hold will exit fuel set up at this point. The number displayed on the speedometer is what the desired turn-on ratio is currently set at. 25 is default; 0-50 is a custom setting.
- LEST will display the current fuel sender value as a percentage of sensor voltage/ battery voltage for diagnostic purposes. If this number is greater than the number displayed in the done menu, the low fuel light will be on. This reading is calculated using the sender setup from the range menu.
- RESET will save the value back to factory default setting of 25%(1/4 tank of fuel).
- ADJUST should only be done with the desired amount of low fuel in the tank. Once the level is where you would like the low fuel light to turn on, press and hold the switch to save the value. It must be between 0-50, or the value will not save. This is dependent on the fuel sender setup in the range menu. If the readings are incorrect, check the sender setup in the range menu.

CL CAL CLOCK SETUP

- Press and release the switch until "CL CAL" is displayed, then press and hold the switch until "-" is displayed.
- The display will show "CAL" and a number from -8 to 7. This allows the clock to be adjusted +/- seconds per day.
- Press and release the switch to change the CAL value, press and hold the switch to save this and exit the clock setup.

INFO Info menu

Displays the current software revision on the speedometer display. (No changes can be done in this menu)

rRn9E Distance to Empty setup

The range reading will initially show the word *rRn9E* until a tank of gas has been driven to allow the gauge to complete its setup based on your driving. Begin with a full tank of gas and do not refill it until it gets below ¼ tank of gas. This can be done on multiple trips as long as no fuel is added before it gets low enough. After the initial setup the display will show *r* followed by the calculated distance to empty. This will count down, making adjustments as necessary, until the range is 35 miles (56km) or less and then it will show *r L0*. The gauge will continue to make adjustments to match your driving habits with each fill up. After the initial setup you are not required to wait for the fuel to get below ¼ tank before refilling.

- Press and release the switch until "*rRn9E*" is displayed, then press and hold the switch until " - " is displayed.
- The display will show "*oFF*" or "*oR*". Press and release the switch to change to the desired setting.
- Press and hold the switch until " - " is displayed to select the setting.
- *oFF* turns the range display off.
- Turning the function *oR* will access the following menus
 - *donE* (exits the setup)
 - *rESEt* (resets the gauge to beginning of the initial range learning)
 - *SEndEr* (used to change or reset the fuel gauge readings)
 - *H04* (set to 2004 – 2008 factory fuel gauge)
 - *H09* (set to 2009 – 2010 factory fuel gauge)
 - *LSr* (set to a custom fuel curve with factory fuel gauge)
 - *SEt 00* (set new empty reading, *donE* indicates it was stored, *ErRor* indicates the signal is out of range)
 - *SEt 99* (set new full reading)
- Press and release the switch to select the desired fuel setup menu, press and hold it until " - " is displayed, and then release the switch to view or go on.
- A press and hold will save the setting or exit back to the menu.
- *donE* is the first menu displayed, a press and hold will exit fuel set up at this point.
- *rESEt* will begin the initial range learning again. You must begin with a full tank of gas and then ride it down to less than ¼ tank. This can be done in multiple trips as long as the tank is not filled in between. The range display will show *rRn9E* until this is completed and then begin showing the distance to empty.
- *FUL - rESEt* This will set the fuel gauge setup points back to stock values.

oDoRr Odometer preset

The odometer can be preset by the customer within the first 100 miles. Once the odometer has more than 100 miles the menu option will no longer be displayed. Make sure you have correctly selected the units to be either MPH or km/h first. The odometer will be set in the selected units. Once you have preset the miles you cannot change it again.

WARNING!!: This only allows setting odometer to the nearest mile. Do not use tenths! For example a mileage of 65432.1 should be set to "065432" using this method. If the tenths digit is used, the odometer will read 10 times too high.

- Press and release the switch until "*-oDoRr*" is displayed, then press and hold the switch until " - " is displayed.
- The current miles will be displayed with the left most digit flashing.
- Press and release the switch to increment the digit. Press and hold the switch to move to the next digit to the right.
- Continue until the right most digit has been set. Press and hold the switch and the speed display will show "*no*".
- Press and hold the switch while "*no*" is displayed to go back and continue changing the odometer display. Turn the key off to cancel any changes.
- Press and release the switch to change to speed display to "*SE5*". Press and hold the switch while "*SE5*" is displayed to save the current odometer reading.

FUNCTION SWITCH

The function switch on the side of the dash panel allows access to all of the mileage, rpm, and performance information. Pressing and releasing the function switch toggles through the different displays. Press and holding the switch will reset the current display. The display sequence is as follows:

CLOCK	>	12:00	12 hour clock
ODOMTR	>	000000	odometer mileage
TRIP A	>	^A 000.0	trip meter mileage A
TRIP B	>	_B 000.0	trip meter mileage B
SERVIC	>	5 0000	miles since last service (if programmed)
KPH	>	=====	metric speed conversion (to mph if metric unit is selected)
* HI SPD	>	H I 00	high speed recall
* 0-60 T	>	60 00.0	0-60mph time (0-100kph)
* QUARTR	>	25 00.0	quarter mile time
* QT MPH	>	25 00	quarter mile speed
RPM	>	0000 ^{RPM}	rpm reading in alpha display
* HI RPM	>	H 0000	high rpm recall
VOLTS	>	00.0 ^V	displays voltage to gauge
PRESSURE	>	00 _P	pressure reading (only shown if sender is connected)
TEMP	>	000 ^F	temperature reading, "C" if metric (only show if sender is connected)
* HOURS	>	Hr 0.0	re-settable hour meter
RANGE	>	r 250.0 or rRNGE	distance to empty (if turned on)

The 0-60 and ¼ mile timers are zeroed by pressing and holding the switch while that timer is displayed. The timer will not restart until the speed reaches zero and then you start driving again.

Display functions with a '*' in front of them are only shown with performance readings turned on.

WIRING COLOR CODE FOR GAUGE:

MCL-2004	Stock harness color	Function
BLUE		temperature sensor signal
BLACK		temperature sensor ground
PURPLE	WHITE	high beam indicator(+)
WHITE/GREEN	TAN	neutral indicator(-)
GRAY		pressure sender
BROWN	GREEN/YELLOW	oil warning indicator(-)

Troubleshooting guide

Problem	Possible cause	Solution
Gauge will not light up.	Orange/White wire does not have power. Brown/Gray wire does not have power. Black wire is not getting a good ground. Gauge is damaged.	Inspect and repair stock harness. Inspect and repair stock harness. Inspect and repair stock harness. Return gauge for repair. (see instructions)
Clock resets when key is off.	Brown/Gray wire does not have constant power.	Inspect and repair stock harness.
Gauge lights up, but speed will only show zero.	No data from ECM. Sensor is not sending a speed signal.	Check engine trouble codes. Check wiring and test sensor.
Speed reading is incorrect.	Gauge is not calibrated correctly.	Gauge must be calibrated (see instructions).
Gauge lights up, but tach will only show zero.	No data from ECM.	Check engine trouble codes.
Gauge will not dim.	Auto dimming is disabled.	Check setting under "night" menu.
Gauge remains dim at all times.	Light sensor is covered.	Make sure the bottom center of the gauge lens is clean and not obstructed.
High beam, Left turn, Right turn or Security indicator does not work.	Loose or incorrect connection to indicator wire.	Check that the appropriate indicator wire has about 0 volts when the indicator should be off and about 12 volts when the indicator should be on.
Neutral, low oil, or cruise indicator does not work.	Loose or incorrect connection to indicator wire.	Check that the appropriate indicator wire has about 12 volts when the indicator should be off and about 0 volts when the indicator should be on.
Pressure reading does not show up.	Pressure sender is not connected. Sender wire is loose or broken. Sender is not grounded.	Sender must be connected before the reading will be displayed. Check all wire connections and inspect wire for breaks. The sender grounds through its mounting threads. Make sure the threads are clean and tight.
Temperature reading does not show up.	Temperature sender is not connected. Wrong temp sender is selected. 'Run' switch is not on. Sender wire is loose or broken. Sender is not grounded (SEN-1043).	Sender must be connected before the reading will be displayed. Check setting under "SET FC" menu. 'Run' switch must be on to get temperature data from ECM. Check all wire connections and inspect wire for breaks. The sender grounds through its mounting threads. Make sure the threads are clean and tight.
Pressure or temperature reading shows "- -".	Sender is shorted to ground.	Inspect wire for bare insulation or pinching.
Low fuel light not turning on.	Incorrect setting or turned off	Verify function is "ON" in FUEL setup menu and that the set up is correct or adjust value
Low fuel light turning On too early/late.	Incorrect setting	verify setting or adjust the value following FUEL menu adjust feature in setup.
Low Fuel Light always on.	Sensor damaged.	Check resistances following procedure in service manual.

SERVICE AND REPAIR

DAKOTA DIGITAL offers complete service and repair of its product line. In addition, technical consultation is available to help you work through any questions or problems you may be having installing one of our products. Please read through the Troubleshooting Guide. There, you will find the solution to most problems. **Should you ever need to send the unit back for repairs, please call our technical support line, (605) 332-6513, to request a Return Merchandise Authorization number.** Package the product in a good quality box along with plenty of packing material. Ship the product by UPS or insured Parcel Post. Be sure to include the RMA number on the package, and include a complete description of the problem with RMA number, your full name and address (street address preferred), and a telephone number where you can be reached during the day. Any returns for warranty work must include a copy of the dated sales receipt from your place of purchase. Send no money. We will bill you after repair.

Dakota Digital 24 Month Warranty

DAKOTA DIGITAL warrants to the ORIGINAL PURCHASER of this product that should it, under normal use and condition, be proven defective in material or workmanship within 24 MONTHS FROM THE DATE OF PURCHASE, such defect(s) will be repaired or replaced at Dakota Digital's option.

This warranty does not cover nor extend to damage to the vehicle's systems, and does not cover removal or reinstallation of the product. This Warranty does not apply to any product or part thereof which in the opinion of the Company has been damaged through alteration, improper installation, mishandling, misuse, neglect, or accident.

This Warranty is in lieu of all other expressed warranties or liabilities. Any implied warranties, including any implied warranty of merchantability, shall be limited to the duration of this written warranty. Any action for breach of any warranty hereunder, including any implied warranty of merchantability, must be brought within a period of 24 months from date of original purchase. No person or representative is authorized to assume, for Dakota Digital, any liability other than expressed herein in connection with the sale of this product.

⚠️ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov



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