

DASHBOARD GAUGE CLUSTER PANEL FOR 1986-1993 CHEVROLET S-SERIES



FITMENT GUIDE

1986-1993 Chevy S-10

1986-1994 Chevy S10 Blazer

1986-1994 GMC S15 Jimmy

1991-1994 Oldsmobile Bravada

1986-1993 GMC Sonoma

1991 GMC Syclone*

1992-1993 GMC Typhoon*

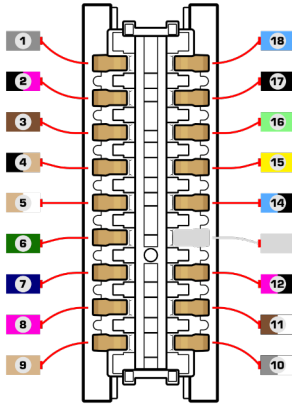
1992 GMC Sonoma GT*

***Requires a base model S-10 gauge cluster surround and cluster mounting studs to be installed.**

1. Remove the screws for the lower steering column cover attached to the gauge cluster trim using a phillips head screwdriver.
2. Remove the HVAC controls and headlight switch panel from the gauge cluster surround with a Phillips head screwdriver. Be careful removing the plug, vacuum lines and cables from the 2 panels.
3. Remove the (4) 10mm nuts, 2 on each side, holding the gauge cluster surround to the dash.
4. Once the gauge cluster surround is removed, remove the (4) 10mm nuts, 2 on each side, holding the gauge cluster to the dash.
5. When removing the cluster from the dash, be sure to carefully remove the gear select lever cable from the steering column if equipped.

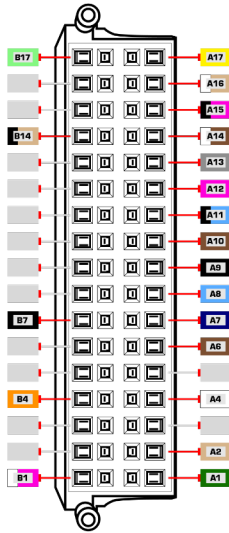
6. Insert the turn signals, check engine light and high beam indicator into the openings in the cluster and secure with the included nut.
7. Splice the included turn signal, check engine light and high beam indicator wires into the factory turn signal wiring using splice connectors.
Note: Factory Gauge Cluster Connector Pinouts are on Page 2.
8. Install each gauge into the replacement cluster using the mounting brackets, washers, and nuts. Be sure not to overtighten the nuts as it will damage the gauges.
9. Once all of the gauges have been installed, insert the wiring harnesses into each designated gauge.
10. Feed the opposite end of the wiring harness down through the dash and insert the new cluster into the dash.
11. Install the gauge cluster into the dash and secure with the (4) 10mm nuts.
12. Reinstall the gauge cluster surround and secure with the (4) 10mm nuts.
13. Reinstall both the HVAC controls and the headlight switch panels.
14. Reinstall the screws for the lower steering column cover.

S-SERIES ANALOG GAUGE CLUSTER GAUGES



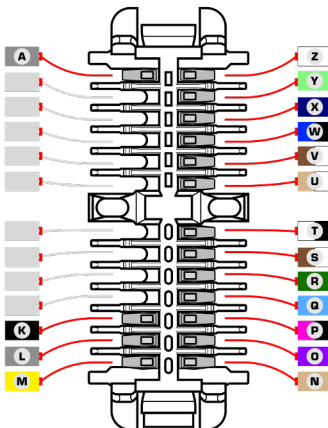
WIRE COLOR	DESCRIPTION	PIN	DESCRIPTION	WIRE COLOR
	Panel Lamp Input	1	Left Turn Signal	
	Constant 12 Volt	2	Ground	
	Generator Indicator	3	High Beam Indicator	
	Upshift	4	Seat Belt Indicator	
	Parking Brake Indicator	5	Speedometer	
	Water Temp Signal	6	-----	-----
	Right Turn Signal	7	Constant 12 Volt	
	Fuel Level	8	Service Engine Soon Indicator	
	Oil Pressure Signal	9	ABS Indicator	

S-SERIES DIGITAL GAUGE CLUSTER



WIRE COLOR	DESCRIPTION	PIN	DESCRIPTION	WIRE COLOR
	High Beam Indicator	B17	Seat Belt Indicator	
-----	-----	B16	Brake Indicator	
-----	-----	B15	Ignition 1 Voltage	
	Shift Indicator	B14	Service Engine Soon Indicator	
-----	-----	B13	Cluster Dimming Control	
-----	-----	B12	Fuel Level	
-----	-----	B11	Speedometer	
-----	-----	B10	Generator Input	
-----	-----	B9	Ground	
-----	-----	B8	Left Turn Signal	
	Ground	B7	Right Turn Signal	
-----	-----	B6	Lights On Signal	
-----	-----	B5	-----	-----
	Constant 12 Volt	B4	Tachometer	
-----	-----	B3	-----	-----
-----	-----	B2	Oil Pressure Signal	
	Ignition 3 Voltage	B1	Water Temp Signal	

GMC SYCLONE, TYPHOON, AND SONOMA GT ANALOG GAUGE CLUSTER GAUGES



WIRE COLOR	DESCRIPTION	PIN	DESCRIPTION	WIRE COLOR
	Boost Sensor	A	Tachometer	
-----	-----	B	High Beam Indicator	
-----	-----	C	Right Turn Signal	
-----	-----	D	Speedometer	
-----	-----	E	Service Engine Soon Indicator	
-----	-----	F	Brake Light Indicator	
-----	-----	G	ABS Indicator	
-----	-----	H	Gate Ajar Indicator	
-----	-----	I	Water Temp Signal	
-----	-----	J	Left Turn Signal	
	Ground	K	Ignition 12 Volt	
	Panel Lamp Input	L	Fuel Level	
	Seat Belt Indicator	M	Oil Pressure Signal	



INSTALLATION INSTRUCTIONS

856.768.8300 • TechSupport@GlowShiftGauges.com

ONE YEAR NON-TRANSFERRABLE LIMITED WARRANTY & DISCLAIMER

GlowShift Gauges, LLC ("GlowShift") warrants to the original retail consumer purchaser, and not any other purchaser or subsequent owner, that this Product will be free from defects in material or workmanship for a period of one (1) year from the purchase date.

For a period of one (1) year from the date of purchase, at no charge to the Purchaser, GlowShift will repair or replace this Product if it is determined by GlowShift to be defective. After the warranty period, the Purchaser must pay all charges for parts and labor.

Coverage under this warranty is only valid within the United States, including its territories, as well as in certain other countries. Purchasers should check our website, www.GlowShift.com, to determine the warranty coverage in the countries in which they are located.

GlowShift does not warrant the installation of the Product, which is the sole responsibility of the Purchaser. Installation should be done by licensed professionals. Improper installation may cause damage to the Product and any vehicle in which it is installed, and may cause burns and electrical injury to individuals. GlowShift's warranty does not cover any expenses incurred in removing Products that are defective or reinstalling replacement Products in their place.

During the warranty period, to have the Product repaired or replaced, the Purchaser must return the Product, freight prepaid by the Purchaser, to GlowShift (but for customers in the contiguous United States, GlowShift will pay the shipping charges if any Product fails during the first sixty (60) days after purchase). The Product must be returned in its original carton or in a similar package affording an equal degree of protection. GlowShift will return the repaired or replaced Product, freight prepaid, to the Purchaser. GlowShift does not provide Purchasers with temporary replacement units during the warranty period or at any other time.

This limited warranty is non-transferrable and will automatically terminate if the original retail consumer purchaser resells the Product or transfers the vehicle in which the Product is installed. An "original retail consumer purchaser" is a person who originally purchases the Product, or a gift recipient of a new Product that is in its original packaging and unopened.

This limited warranty is subject to all of the following terms and conditions:

TERMS & CONDITIONS

1. **NOTIFICATION OF CLAIMS; WARRANTY SERVICE:** If Purchaser believes that a Product is defective in material or workmanship, written notice with an explanation of the claim shall be given promptly by Purchaser to GlowShift. All warranty claims must be made within the warranty period, and any Products returned to GlowShift must be shipped in accordance with GlowShift's procedures (including use of RMA numbers supplied by GlowShift after notification). The repair or replacement of any Product or part thereof shall not extend the original warranty period. The specific warranty on the repaired part only (not including gauge sensors) shall be in effect for a period of ninety (90) days following the repair or replacement of that part, or the remaining period of the Product warranty, whichever is greater. GlowShift does not provide a warranty on replacement gauge sensors.

2. **EXCLUSIVE REMEDY; ACCEPTANCE:** Purchaser's exclusive remedy and GlowShift's sole obligation is to supply (or pay for) all labor necessary to repair any Product found to be defective within the repair or replacement fails to remedy the defect. Purchaser's failure to make a claim as provided in paragraph 1 above or continued use of the Product shall constitute an unqualified acceptance of such Product and a waiver by Purchaser of all claims thereto.

3. **EXCEPTIONS TO LIMITED WARRANTY:** GlowShift shall have no obligation to Purchaser with respect to any Product that is subjected to any of the following: abuse, improper use, negligence, accident, modification, failure to follow the operating procedures outlined in the user's manual, failure to follow the maintenance procedures in the service manual for the Product, attempted repair by non-qualified personnel, operation of the Product outside of the published environmental and electrical parameters, or if the Product's original identification (trademark, serial number) markings have been defaced, altered, or removed. GlowShift excludes from warranty coverage Products sold AS IS and/or WITH ALL FAULTS. GlowShift also excludes from warranty coverage any consumable items such as fuses and batteries.

All software and accompanying documentation furnished with, or as part of the Product is furnished "AS IS" (i.e., without any warranty of any kind), except where expressly provided otherwise in any documentation or license agreement furnished with the Product.

4. **PROOF OF PURCHASE; REGISTRATION:** The Purchaser's dated bill of sale must be retained as evidence of the date of purchase and to establish warranty eligibility. Registration of any Product or of this limited warranty is voluntary, and failure to register will not diminish any rights available under this warranty.

DISCLAIMER OF WARRANTY

EXCEPT FOR THE FOREGOING WARRANTIES, GLOWSHIFT HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY WITH REGARD TO ANY CLAIM OF INFRINGEMENT THAT MAY BE PROVIDED IN SECTION 2312(3) OF THE UNIFORM COMMERCIAL CODE OR IN ANY OTHER STATE STATUTE.

LIMITATION OF LIABILITY

THE LIABILITY OF GLOWSHIFT, IF ANY, AND PURCHASER'S SOLE AND EXCLUSIVE REMEDY FOR DAMAGES FOR ANY CLAIM OF ANY KIND WHATSOEVER, REGARDLESS OF THE LEGAL THEORY AND WHETHER ARISING IN TORT OR CONTRACT, SHALL NOT BE GREATER THAN THE ACTUAL PURCHASE PRICE OF THE PRODUCT FOR WHICH SUCH CLAIM IS MADE. IN NO EVENT SHALL GLOWSHIFT BE LIABLE TO PURCHASER FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND INCLUDING, BUT NOT LIMITED TO, COMPENSATION, REIMBURSEMENT OR DAMAGES ON ACCOUNT OF THE LOSS OF PRESENT OR PROSPECTIVE PROFITS OR FOR ANY OTHER REASON WHATSOEVER.

GOVERNING LAW: This non-transferrable limited warranty shall be governed by the law of the State of New Jersey, U.S.A., and the United States of America, excluding their conflicts of laws principles. The courts of Camden County, New Jersey, shall have the exclusive jurisdiction over any legal action with respect to this warranty.

This limited warranty gives specific legal rights. You may also have other rights that may vary from state to state or from country to country. Some states or countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you. You are advised to consult applicable state or country laws for a full determination of rights.