

HEADS UP DISPLAY (HUD)



WHISTLER

INTRODUCTION

Welcome

Thank you for choosing a Whistler product. We are dedicated to providing products that represent both quality and value. Please read the User Guide carefully before using this product. If you have additional questions, please visit the FAQ page on our website at www.whistlergroup.com.

Customer Service

1-800-531-0004

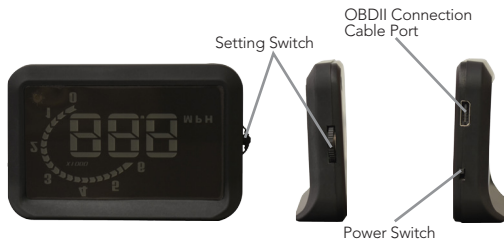
Monday - Friday • 8:00 am - 5:00 pm CT
or visit our website

www.whistlergroup.com

PRODUCT INTRODUCTION

Items Included:

- WHD-100 (Heads Up Display)
- Reflective Film
- OBDII Connection Cable
- Non-Slip Dash Pad
- User Guide



PREPARATION BEFORE INSTALLATION AND USE

Know the type of your vehicle.

The WHD-100 is intended for operation in 1996 or newer vehicles that are OBDII compliant. To verify if your vehicle is OBDII compliant, confirm that it has the 16-pin OBDII plug beneath the dash. On some vehicles you can also open the hood and look for a decal similar to the image below.

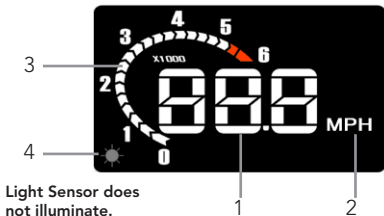
NOTE: The vehicle OBDII port is generally located beneath the steering wheel under the dash. Some vehicles may have the port located behind a trim panel in this area. Consult the vehicle Owner's Manual to identify the OBDII location.



VEHICLE EMISSION CONTROL INFORMATION		
ENGINE FAMILY DISPLACEMENT	EFN 2.8VBT2EA 2.8L	OBDII CERTIFIED
THIS VEHICLE CONFORMS TO U.S. EPA AND STATE OF CALIFORNIA REGULATIONS APPLICABLE TO 1997 MODEL YEAR NEW TLEV PASSENGER CARS		
REFER TO SERVICE MANUAL FOR ADDITIONAL INFORMATION TUNE UP CONDITIONS: NORMAL OPERATING ENGINE TEMPERATURE, ACCESSORIES OFF, COOLING FAN OFF, TRANSMISSION IN NEUTRAL		
EXHAUST EMISSIONS STANDARDS CERTIFICATION IN USE	STANDARD CATEGORY TLEV TLEV INTERMEDIATE	
SPARK PLUG TYPE NGK BR9ES-1P GAP 1.5mm	CATALYST	100 / 200/250

INTRODUCTION OF FUNCTIONS

- Screen Function



1. **Vehicle Speed:** Digital speed when vehicle is in motion.
 2. **MPH:** Speed is measured in Miles Per Hour.
 3. **RPM:** Revolutions Per Minute of engine
- NOTE:** RPM Red area is shown for reference only and may vary with different vehicles. Consult vehicle Owner's Manual for specific information.
4. **Light Sensor:** Automatically adjusts brightness for day or night display.

SET UP

• Initial Use

1. Connect the OBDII Connection Cable (included) to the HUD and plug the male OBDII connector into the vehicle OBDII port.

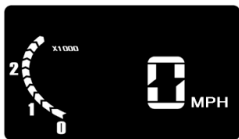


2. With the vehicle in PARK (or stationary for manual transmissions), start the vehicle and power on the HUD (slide switch on HUD near cable connection). The HUD screen will illuminate and HUD will be displayed as the device begins the boot-up process.

SET UP



3. The HUD device will scan the vehicle OBD protocol, and when successful will display the engine RPM and speed (0 MPH while vehicle is stationary).



The screen should look like this once Set Up is complete.

NOTE: If nothing is displayed after a few seconds, switch OFF the HUD device and check the cable connections to the HUD and to the vehicle OBD2 port. Switch HUD device ON and repeat set up steps.

SET UP

4. With the HUD power switch left ON, the device will automatically power ON when the vehicle is started and power OFF within a few seconds of when the vehicle is turned OFF.

NOTE: The HUD may also be turned OFF manually and will resume normal operation when manually turned ON.

INSTALLATION

Placing HUD On Dash

1. Once the HUD has been successfully paired with vehicle, it needs to be properly placed on the vehicle dash to provide easily viewed reflected display and not to interfere with safe operation of the vehicle.
2. Locate the preferred placement on the vehicle dash using Non-Slip Dash Pad included.
3. Position the OBDII Connection Cable so as to not interfere with safe operation of the vehicle.
4. Install the Reflective Film above the HUD to allow the reflected information to be displayed and easily seen by the vehicle driver.
5. Once the film installation position is determined, the film may be permanently installed to the vehicle windshield.

NOTES:

- 1) Vehicles vary. Installation may require temporarily holding the Reflective Film against the windshield and repositioning the HUD to find the correct placement of both the HUD and film that will provide the best viewing angle.
- 2) Place the non-slip dash pad on your dashboard in the desired location. If the dash pad becomes dull or no longer grips, simply wipe the dash pad and dashboard area clean with a damp cloth using nothing more than clean water.

INSTALLATION

To Install Reflective Film

1. Lightly spray the area of the windshield with water where the Reflective Film is to be installed.
2. Remove the protective film marked BACK and position the film on the windshield. (The water spray will allow for slight repositioning to confirm proper location above HUD.)
3. Once properly positioned, any excess water behind the film can be removed by using a non-scratch squeegee (not included) to squeeze the water from behind the film and remove any air bubbles.
4. Allow any remaining moisture to evaporate before touching the Reflective Film. After moisture has evaporated, carefully remove the protective film marked FRONT.

NOTE: Installation of the Reflective Film should be done in an environment above 50°F. Adequate time must be allowed for moisture to evaporate to insure proper adhesion of Reflective Film. Evaporation time will vary depending on climate and temperature (generally 24-48 hours). The HUD may be used immediately, however, the Reflective Film should not be touched until all remaining moisture has evaporated.

SPEED LIMIT AND CALIBRATION SETTINGS

The HUD allows for a speed limit alarm setting and adjustment of speed read out to match that of the vehicle speedometer (if needed). ALL ADJUSTMENTS SHOULD BE MADE WITH VEHICLE RUNNING AND IN PARK (OR STATIONARY FOR MANUAL TRANSMISSIONS).

NEVER ATTEMPT ADJUSTMENTS WHEN VEHICLE IS IN MOTION TO AVOID ACCIDENTS.

Speed Limit Alarm

This allows for a Speed Limit setting to notify when set speed limit is exceed by an audible beep and/or flashing display.

1. Push IN and hold Setting Button until screen changes to indicate Speed Limit setting, then release Setting Button.
2. Push Setting Button UP or DOWN to increase or reduce the Speed Limit setting when display is flashing.
3. When desired Speed Limit has been set, push IN on Setting Button and release to save setting and advance to Speed Calibration setting.

Speed Calibration

This allows for HUD speed displayed to be increased or decreased by a percentage value to match that of the vehicle speedometer (if required).

1. Push DOWN on the Setting Button to enter setting mode (display will flash).
2. When display is flashing, press UP or DOWN to increase or decrease the displayed speed by percentage.

SPEED LIMIT AND CALIBRATION SETTINGS

(The factory default value is "5", and adjustment range is "0-9". Each number above or below "5" will increase or decrease default speed display by 1%.)

3. When desired value has been set, push IN on Setting Button and release to save setting and advance to Alarm setting.

Alarm Setting

This allows for Speed Limit Alarm "BEEP" to be turned ON or OFF.

1. Push DOWN on the Setting Button to enter setting mode (display will flash).
2. When display is flashing, press UP or DOWN to turn the "BEEP" ON or OFF.
3. When desired value has been set, push IN on Setting Button and release to save setting and return to the normal HUD display.

For FAQ please visit www.whistlergroup.com

SPECIFICATIONS

APPLICATION: OBDII Certified Compliant Vehicles (1996 and newer)

WORKING VOLTAGE: 9v~16vdc (12vdc/70mA)

WORKING TEMPERATURE: -40°F ~ +176°F

SIZE: 3.5" x 2.2" x 0.7"

WEIGHT: 2.6oz

OBDII CABLE LENGTH: 59"

WARRANTY

Consumer Warranty

This Whistler product is warranted to the original purchaser for a period of one (1) year from the date of original purchase against all defects in materials and workmanship, when purchased from an authorized Whistler retailer. This limited warranty is void if the unit is abused, misused, modified, installed improperly, or if the housing and/or serial numbers have been removed. There are no express warranties covering this product other than those set forth in this warranty. All express or implied warranties for this product are limited to one (1) year. Whistler is not liable for damages arising from the use, misuse, or operation of this product including but not limited to loss of time, inconvenience, loss of use of your product or property damage caused by your product or its failure to work, or any other incidental or consequential damages including personal injury.

DO NOT RETURN ITEM TO STORE WHERE PURCHASED.
FOR WARRANTY INFORMATION, CONTACT WHISTLER CUSTOMER SERVICE AT Toll Free (800)531-0004 / Tel (479)273-6012.

Representatives are available to answer your questions Monday – Friday
from 8:00 a.m. to 5:00 p.m. CT

Service Under Warranty

During the warranty period, defective units will be repaired or replaced (with the same or a comparable model), at Whistler's option, without charge to the purchaser when returned prepaid, with dated proof of purchase to the address below. Units returned without dated proof of purchase will be considered out of warranty and therefore are not covered by the described Limited Warranty. (Refer to Service Out-of-Warranty section.)

Due to the specialized equipment necessary for testing Whistler products, there are no authorized service centers other than Whistler. When returning a unit for service under warranty, please follow these instructions:

WARRANTY

1. Ship the unit in the original carton or in a suitable sturdy equivalent, fully insured, with return receipt requested to:

Whistler Repair Dept.
1412 South 1st St.
Rogers, AR. 72756

IMPORTANT: Whistler will not assume responsibility for loss or damage incurred in shipping. Therefore, please ship your unit insured with return receipt requested. **CODs will not be accepted!**

2. Include with your unit the following information, clearly printed: Your name and physical street address for shipping (no PO Boxes), a daytime telephone number, and an email address (if applicable).
3. A detailed description of the problem (e.g., "device will not power ON").
4. A copy of your dated proof of purchase or bill of sale.
5. Be certain your unit is returned with its serial number. Units without serial numbers are not covered under warranty.

Please allow 3 weeks turnaround time

IMPORTANT: To validate that your unit is within the warranty period, make sure you keep a copy of your dated proof of purchase. For warranty verification purposes, a copy of your dated store receipt must accompany any Whistler product sent in for warranty work.

Service Out-Of-Warranty

Units will be repaired at "out-of-warranty" service rates when:

- The unit's original warranty has expired.
- A dated proof of purchase is not supplied.
- The unit has been returned without its serial number.
- The unit has been misused, abused, modified, installed improperly, or had its housing removed.

WARRANTY

The minimum out-of-warranty service fee for your Whistler Heads Up Display is \$25.00 (U.S.). If you require out of warranty service, please return your unit as outlined in the section "Service Under Warranty" along with a cashier's check or money order in the amount of \$25.00. Payment may also be made by **MasterCard, VISA or American Express. Personal checks are not accepted.**

In the event repairs cannot be covered by the minimum service fee, you will be contacted by a Whistler technical service specialist who will outline options available to you.

IMPORTANT: When returning your unit for service, be certain to include a daytime telephone number and an email address (if applicable).

Customer Service

If you have questions concerning the operation of your Whistler product, or require service during or after the warranty period, please call Customer Service at Toll Free (800)531-0004 / Tel (479)273-6012.

Representatives are available to answer your questions Monday - Friday from 8:00 a.m. to 5:00 p.m. (CT) or visit the FAQ at **www.whistlergroup.com**.

FCC Information

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference; (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CORPORATE HEADQUARTERS

1716 SW Commerce Dr. Ste. 8

Bentonville, AR 72712

Toll Free (800) 531-0004

TEL (479) 273-6012

www.whistlergroup.com

CUSTOMER RETURN CENTER

1412 South 1st St.

Rogers, AR 72756

Email: info@whistlergroup.com

P/N

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