Sensor Installation (continued)

- 1 Snap mounting bracket onto sensor and install the included bolts but do not tighten them. If the bolts do not thread into the sensor then you have the bracke on backwards.
- 2 Apply the double sided tape to the underside of the sensor's mounting bracket. Check front alignment and mount the sensor to a solid surface of the
- **3** Use the supplied bubble level to ensure the sensor is parallel to the road and tighten the sensor's mounting bracket
- **4** Repeat for additional sensor(s).

Securing Connectors with Shrink Tube

Once you've installed all components properly and tested to ensure all parts are working properly, use cable ties to fasten sensor cables to a solid surface, keeping them away from heat and any moving parts It is advisable to use the supplied heat shrink tubes to protect connectors against water, moisture, dust, etc.

Additional ShifterMax Sensors

Additional Laser ShifterMax sensors, with included mounting hardware, are sold separately in pairs.





1 Determine the best location for the

- Controller. An optimal location is easily visible and accessible from the driver's position and does not interfere with normal driving. Avoid locations that require reaching through or around the steering wheel.
- **2** Clean the mounting surface thoroughly.
- **3** Mount the Controller using the pre-applied adhesive.

Shifter Bridge Box



- engine compartment.

- 4 Route the cable to the Interface and plug into the port labeled "Controller".



- The Shifter Bridge Box is weatherproof. To limit the number of cables routed through the firewall, we recommend installing the Bridge Box inside of the
- 2 Slide the included heat shrink onto the Bridge Box Interface cable then plug into the cable extending from the Bridge Box labeled "Interface" and route the cable toward the interior of the vehicle. Shrink the heat shrink onto the inline connector and secure the cable with zip-ties.
- **3** Route the cable to the Interface and plug into the port labeled "Shifters".

Warranty

ESCORT One Year Limited Warranty

What this warranty covers: Escort, Inc. ("Escort") warrants your Product against all defects in materials and workmanship.

For how long: One (1) year from the date of original purchase from an authorized Escort

What we will do: If a breach of warranty occurs, Escort, at its discretion, will either repair or replace your Product free of charge. **LIMITATION OF WARRANTY:** The obligations

What we will not do: Escort will not pay shipping charges that you incur for sending your Product to us.

What you must do to maintain this warranty: Show original proof of purchase or receipt from an authorized Escort dealer.

Warranty exclusions: This warranty does

an authorized dealer.

not apply to your product under any of the following conditions: 1.The serial number has been removed or modified. 2. Your product has been subjected to misuse or damage (including water damage, physical abuse, and/or improper installation). 3. Your product has been modified in any way. 4. Your receipt or proof-of-purchase is from a nonauthorized dealer or internet auction site, including E-bay, U-bid, or other non-authorized resellers. 5. You are not the original purchaser of the Product from an authorized dealer or did not receive it as a gift from the original purchaser of the Product from

To obtain service: 1. Contact ESCORT (1-800-

543-1608) to obtain a Return Authorization Number. 2. Properly pack your Product and include: your name, complete return address, written description of the problem with your Product, daytime telephone number, and a copy of the original proof of purchase or receipt. 3. Label the outside of the package clearly with your Return Authorization Number. Ship the Product pre-paid (insured, for your protection) to: ESCORT, Inc., 5440 West Chester Rd., West Chester, OH 45069.

set forth above are ESCORT's sole obligations and your exclusive remedy. **ESCORT makes** no other express warranty. Any implied warranty of merchantability or fitness for a particular purpose that may be applicable to the Product is limited in duration to the duration of this warranty. Some States do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. ESCORT SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INCIDENTAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES ARISING OUT OF THE USE, MISUSE OR MOUNTING OF THE PRODUCT.

Some States do not allow the exclusion or imitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. ESCORT is not responsible for products lost in shipment between the owner and our service center.

Other legal rights: This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

Contact Us

Accessories

800.433.3487

EscortRadar.com

Designed in the USA by Escort Inc., Manufactured in Canada with components of Polish origin

ESCORT Inc. 5440 West Chester Road West Chester OH 45069

Sales / Service 800,433,3487 www.EscortRadar.com

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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, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.

ESCORT ZR5



The Ultimate Laser Defense System

Twin Front-Mounted Laser Transceivers

Installation and Owner's Manual

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ZR5 Install+Owners Manual Can ACCORDIAN.indd

ESCORT, Inc.

West Chester OH 45069

Sales/Service 800.433.3487

5440 West Chester Road

Congratulations and Important Warning

Congratulations

Your new ZR5 is the most advanced defen system against targeting laser guns. ZR5 comes complete with twin front-mounted laser shifters, panel mounted controller. Interface with integrated speaker, modula connections, complete wiring harnesses, and mounting hardware. ZR5 also interface with select Escort radar detectors for the ultimate in driving protection.

Please read this guide in detail to get the most out of your new ZR5's performance and features.

Please drive safely.

Please Note

This product may be limited or prohibited in some jurisdictions. Check applicable

Important Installation Warning

7R5 requires professional installation. A select group of car specialists can install ZR5 for you. Visit EscortRadar.com to find an authorized installer near you.

Attempting to install ZR5 without expertise Use only original ZR5 parts included with in automotive electronic installations can your unit. Do not plug any third-party cause personal injury during the installation, components into your unit, and do not or damage the ZR5 and your vehicle. If your plug any supplied components into any vehicle is damaged during installation, its third-party products, as this may cause safety systems may be compromised, which failure and will void warranty. could cause personal injury or property

laws before using.

installation and operation:

Maintenance Once ZR5 is installed, dirt and filth can accumulate on the front covers of the sensors, especially during the winter. To ensure peak performance, check front

- wipe clean with a cloth. installation of outer sensors, as damaging factory-installed cables or connectors may cause damage or device malfunction and may void warranty. Never, under any circumstances, look at
- void warrantv.

Safety Precautions

ZR5 was designed to meet high ZR5 cannot detect through glass or other performance and quality standards; transparent objects, and certain materials may absorb infrared light. however, there are certain precautions that must be considered before approaching • Check your local laws before using ZR5, as

laser equipment.

- covers of sensors often and, if necessary, Special care must be taken during
- While outer sensors are specially designed the sensors while powered on and and manufactured to be installed outside operating. Do not view with optical and to operate in harsh environments, the instruments (like magnifiers). Interface and Controller must be installed and kept in a dry place, preferably somewhere inside the driver's cabin Failures due to improper installation may

What's Included

Interface



Two Laser ShifterMax Sensors







Twin weatherproof sensors

Mounting hardware and bubble level

6-foot cables with waterproof connectors

Controller



- Adhesive pads provided for secure mounting

ShifterMax Bridge Box



Weatherproof Bridge Box is used to connect ShifterMax Sensors to main Interface



Both the ZR5 mute button, and the mute

To temporarily disable shifting for 30

normally.

button on the connected detector, will mute

an alert. Subsequent alerts will audibly alert

seconds; while receiving a laser alert double

Alert Indications

Controls and Features

The Controller's LED will flash red when tap the mute button of the ZR5 or the connected detector. After 30 seconds alerting. Since Laser signals are a possible threat no matter how weak, ZR5 alerts you elapse, ZR5 will announce that shifting is with a full continuous audible alert along with enabled again. a voice notification. The voice will announce whether the laser signal is front or rear.

Press the MODE button to switch between If shifting is disabled, when ZR5 receives a "shifting" and "receive-only" modes. When laser signal it will say "alert" instead of using "receive-only" mode ZR5 will only alert to laser signals without shifting.

Press the PWR button to turn ZR5 on. To turn ZR5 off, press and hold PWR until you hear "Powering Down".

Volume and Mute

Press and hold the VOL/MUTE button to adjust the alert volume level. The volume will gradually increase. To decrease the volume, release the VOL button and quickly press and hold the VOL button again. Once you've reached your preferred audio level release the button. Your preferred audio level will be stored in memory, even after the detector is turned off.

Interface Installation

1 Install the Interface under the dash using supplied zip-ties.



Do not mount Interface inside vehicle's

engine compartment!

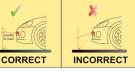
2 Connect black wire (-) to ground, and red-striped wire (+) to a switched 12-volt supply. If ZR5 is left "on" then it will automatically power on and off with the

3 ShifterMax Bridge Box, Display Controller Module, and optional radar detector all plug into the Interface.

4 It is recommended that after the Interface is installed and connected to power, all other components are plugged in and tested for proper operation before completing the installation.

For optimal performance, sensors need to be facing straight forward (or backward, if installing optional rear sensors), not at an angle. Make sure that each sensor is parallel

surface in order to position sensors parallel with the road. Make sure that sensors have an unobstructed "view" of the road so the unit can function prope Do not install sensors behind a solid surface, which would block laser





Sensor Installation

Positioning Sensors

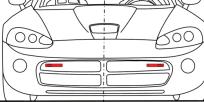
Install each sensor halfway between the side and the center of the vehicle.

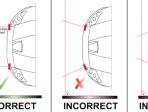
with the road (using supplied bubble level).

Vehicle must be positioned on a flat

transmission/reception.







road



CLASS 1 LASER PRODUCT

transmitted light can interfere with other

2 3 4 5 6

IMPORTANT!

When using optional Rear

to the REAR position.

ShifterMax sensors ensure DIP

switches 3 and 4 are moved down

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