



8500ci Plus
PASSPORT

DRIVE SMARTER™

**ESCORT**

PASSPORT 8500ci Plus Comes Complete

Front Radar/Laser Receiver

- Miniature weather-proof Radar/Laser Receiver
- Universal mounting bracket with stainless steel hardware
- Built-in 16 ft. shielded cable with water proof connector
- 12 nylon wire ties ("zip ties") to secure cable

GPS

- Weatherproof, magnetically mounted GPS Antenna
- 30 ft. cable with modular connector
- Interior windshield mounting bracket (optional accessory)

USB Data Cable

- Provides access to software updates via the Internet

Interface

- Central module connects to switched 12-volt power and ground
- All components plug directly into Interface
- 3M connector taps into existing vehicle wiring
- Accepts standard 3.5mm mono earphone

Miniature Display Controller

- Mounts easily to instrument pod, dashboard or console
- Optional hidden display included
- 3M connector taps into existing vehicle wiring

Documentation

- Comprehensive Owner's Manual
- Installation Manual

Concealed LED Alert Display

- Indicator is solid green when unit is powered and flashes red during an alert
- 6 ft. cable with modular connector
- Bezel provided mounts easily to instrument pod, dashboard, or console

Built-in Diagnostics

- Confirms all components are operational

Built-in Diagnostics

- Fully compatible with ESCORT Laser Shifters and Bluetooth Kit (optional, both sold separately)

Important Notes

► Read This First

Please read both sides of these instructions before starting your installation.

For the easiest trouble-free installation, install the Interface first, and wire it to a 12-volt switched circuit.

Then before installing the other components, plug all of them into the Interface and power up the unit to confirm proper operation.

Important Installation Warnings

1 It is recommended that you have a professional install your new 8500ci Plus. Installation of this system requires experience and expertise in automotive electronics. If you are unfamiliar with automotive electronics, car audio

specialists and many car dealers can install your 8500ci Plus for you.

2 Attempting to install this product without expertise in automotive electronics installation can cause personal injury or damage to your vehicle.

3 If your vehicle is damaged during installation, its safety systems may be compromised, which could cause personal injury or property damage.

4 Improper installation may also void PASSPORT's warranty.

Performance Warning

To get the best possible performance, the mounting location of the radar/laser receiver is critical. Although radar signals will pass through some types of

plastic, laser signals will not. For this reason, the receiver must have a clear view of the road to work properly.

Installation Instructions

While following the steps throughout this manual, please refer to the following recommendations for a professional, trouble free installation.

- The best location for the radar receiver is typically under the bumper or inside the front grill of the vehicle. For the best radar performance, install the receiver horizontally, with a clear view of the road.

- Entry points to the interior of the vehicle may be located behind the plastic liner in the wheel well, fuse box, or unused grommets.

- There are often many existing entry points at the rear of the vehicle as well, including gaskets behind license plates, around illumination lamps, and near trunk lid hinges. Taillight wiring gaskets are often easily accessible and large enough to accommodate cables.

- If there are no suitable openings, it will be necessary to drill a hole through the firewall:

1 Thoroughly investigate all locations before drilling any holes. Ensure no wires, hoses, or other vehicle components will be damaged.

2 On vehicles with automatic transmissions, there is often a location for mounting a clutch pedal. This is typically an ideal location to drill.

3 Before drilling, cover the surface being drilled with masking tape to prevent damage to the anticorrosion coating in the event the drill bit slips.

4 Drill a 13/32" or 7/16" hole. • When pulling the in-line grommet to the entry point, apply rubbing alcohol to a section of the cable to reduce friction and quickly pull the grommet along the length.

- The cables of units mounted at the rear of the vehicle can generally be routed through the trunk compartment and concealed under trim panels quite easily. If necessary, the cables can also be routed under the vehicle and through an opening in the firewall. Be sure to secure cables away from moving parts and hot surfaces.

- A quality crimper for modular connectors can be used to cut cables to length and replace the connector. Removing the connectors may also make it easier to enter the vehicle's interior through existing openings.

Important Notes:

- Only an exact replacement for the standard connector can be used. Do not attempt to cut the wires unless the proper connector and crimping tools are available.

- Connectors cannot be reused.

- Do not cut the cable too short. Provide enough cable to route to the interface and add a couple extra feet to ease installation.

- Install the new connector such that its locking tab is on the same side as the color coded stripe on the cable.

- Do not attempt to cut the cable and splice the wires together on the vehicle's exterior.

- When drilling or cutting interior trim panels (for instance, when installing the concealed alert indicator), first cover the surface of the panel with masking tape to prevent accidental scratches.

Warning:

Be sure to avoid all air bags.

ESCORT

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