OPERATIONAL DESCRIPTION EXHIBIT OBD ½ Wireless Vehicle Interface XXX-WI-916

FOR: EASE Simulation, Inc.
FCC ID No: O8A-WI-916
EUT: OBD ½ Wireless Vehicle Interface
MANUFACTURER: EASE Simulation Inc.
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Information on the Wireless Vehicle Interface can be found on pages
25-27 in Section VIII Setup Procedures - Heading 3. Using the Wireless
Vehicle Interface. Please Refer to User Manual Exhibit.

Information on installing the software can be found on pages 10-16 in
Section VI Software Installation. Please refer to User Manual Exhibit.

3. Using the Wireless Scan Tool Interface

The Wireless Vehicle Interface (WVI) is a 900 Mhz EASE Scan Tool interface set that eliminates the need for cables between the vehicle under test and the PC running EASE diagnostic software. Vehicles can be scanned several feet away.

The WVI set consists of a base unit connected to the PC and a vehicle unit, which connects to the vehicle's DLC. The WVI works on all OBD II compliant vehicles (96+) and currently supports OBD II Generic and GM, Ford, Chrysler and Toyota Enhanced data in wireless or cabled mode. (In cabled mode the WVI vehicle unit must be cabled directly from the vehicle to the PC). The WVI works on pre-OBD II GM, Ford and Chrysler vehicles in cabled mode only.

FC **NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### a. Connecting to and Scanning an OBD II Vehicle with the Wireless Interface

1. **Start the Scan Tool Software version for the OBD II vehicle that is to be scanned.** Use the table below to determine which Scan Tool software to run.

Scan Tool	Vehicles Supported	Data
Generic OBD II	1996 and newer Domestic, Asian, and European OBD II compliant vehicles	OBD II Generic Vehicle Data
General Motors OBD II	1996 and newer General Motors vehicles.	Enhanced Powertrain and Body and Chassis Data
Ford OBD II	1996 and newer Ford Vehicles	Enhanced Powertrain Data
Toyota OBD II	1996 and newer Toyota Vehicles	Enhanced Powertrain Data

2. Select the Scan New Vehicle Button in the Main Task Selection Screen.

3. Select the vehicle that you are connecting to in the Enter New Vehicle Data Screen. Once the correct information is entered, select the OK button.
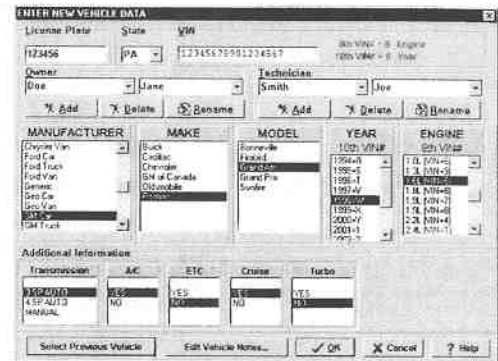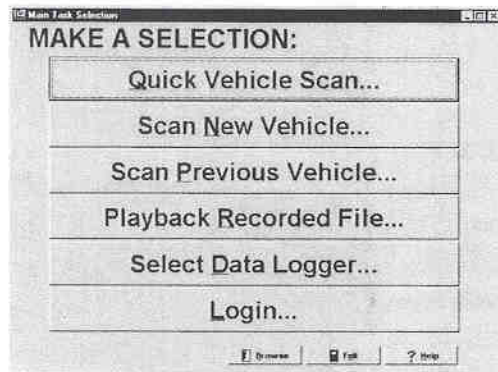

4. In the Select Signal Set Screen, select which type of data will be scanned from the vehicle. Select the OK button.

5. Connect the Serial Interface Cable to the PC's serial (COM) port and the Wireless Base Unit. The Scan Tool software must be configured to communicate with the COM port you have connected the serial cable to. To set the COM port, select the Set COM Port button in the Vehicle Communications Screen to open the PC Communications Screen.

6. Power the Wireless Base Unit. Using the included AC adapter to power the wireless base unit. The power port is located next to the PC port on the base unit. The wireless vehicle unit gets its power from the vehicle.

7. Connect the Wireless Vehicle Unit to the vehicle. Connect the DB25 end of the OBD II cable to the vehicle port on the Wireless unit. Plug the other end into the vehicle's diagnostic connector.
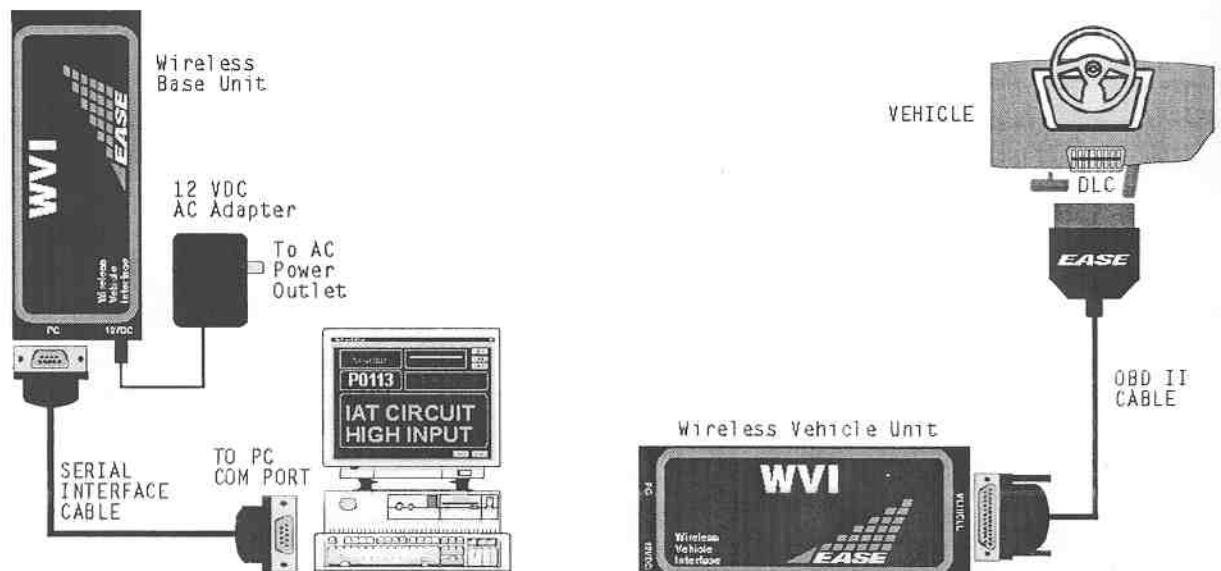
8. Turn the vehicle's ignition switch to the "ON" position.

Once the PC is properly connected to the vehicle, the software will automatically connect and begin the communication process. The status of this connection is shown in the Vehicle Communications Screen. If the software successfully linked to the vehicle, arrows will scroll between the PC and the Car in the Data Link Status Section, the Cable Status will be "Connected" and the Tool Status will be "Receiving Scan Data".

If the software did not link, check all cable connections, make sure the ignition is ON, and that the correct COM port is selected.
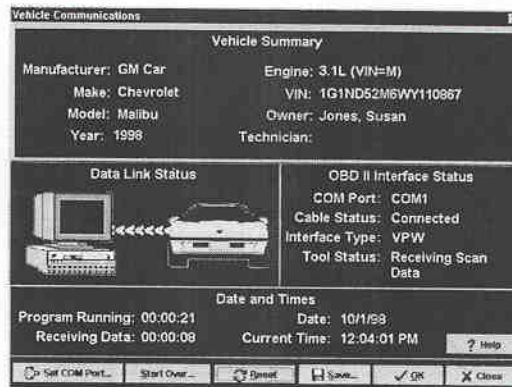
b. Connecting to and Scanning a pre-OBD II Vehicle with the Wireless Vehicle Unit

The Wireless Vehicle Unit works on GM OBD I and Ford EEC-IV vehicles in cabled mode only. To connect the Wireless Vehicle Unit to these vehicles, follow the instructions for GM OBD I and Ford EEC-IV vehicles in the previous section, 2d. Connecting to and Scanning the vehicle. Use the instructions for the ST12-INT scan tool unit.