

OBD-200 Quick Start Guide

1 - Non-Revenue/Paratransit Preset

- Plug in the OBD200 module to the vehicle's OBD-II port and turn the vehicle ignition on.

- On the MR-55 main menu access technician mode by pressing in order: **ID** **NO** **YES**

If successful, the "Main Menu" header will change to "***Main Menu***" indicating the MR-55 is now in technician mode.

- Press **1** to read the OBD-200. Wait for the results to fully populate, as shown in **figure 1**.

```
BUS> 0009 / 000123
ODO> 12345.6
EHRS> 7890.1
IHRS> 2345.6
```

Figure 1

- After reading the module, access the configuration menu by pressing **CLEAR**.

This will display the configuration menu as shown in **figure 2**.

```
1. RF PARAMETERS
2. SET BUS#
3. INITIAL VALUES
4. GPS SETTINGS
```

Figure 2

- Press **DEF 3** to access the initial values menu shown in **figure 3**.

```
1. INITIAL ODO
2. ODO SOURCE
3. ENGINE HOURS
4. MORE
```

Figure 3

- Select "MORE" by pressing **GHI 4**. The menu as shown in **figure 4** will display.

```
1. IDLE HOURS
2. TIRE FACTOR
3. STANDARD CFGS
4. CAN/OBD Setup
```

Figure 4

- Select "CAN/OBD Setup" by pressing **GHI 4**. The menu shown in **figure 5** will be displayed.

```
1. Auto baud
2. Bit Rate
3. EID or SID
4. MORE
```

Figure 5

- Select "MORE" by pressing **GHI 4**. The menu shown in **figure 6** will be displayed.

```
1. Interlock
2. 1939 Addr
3. 1939 Name
4. MORE
```

Figure 6

- Select "MORE" by pressing **GHI 4**. The menu shown in **figure 7** will be displayed.

```
1. Odo Src Fltr
2. Para Preset
3. NonRev Preset
4. MORE
```

Figure 7

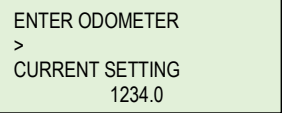
- Select the appropriate vehicle configuration type that the OBD-200 module is being installed in.

- Once the vehicle configuration has been successfully programmed, then press "RESET" on the MR-55 to return to the main menu and proceed to **Section 2 – Set Initial Odometer**.

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2 - Set Initial Odometer

- ☐ Ensure your MR-55 is in tech mode denoted by "***MAIN MENU**" on the MR-55.
- ☐ Press **1** to read the module with MR-55. Wait for the results to fully populate, as shown in **figure 1**.
- ☐ Press **CLEAR** to access the configuration menu as shown in **figure 2**.
- ☐ From the configuration menu press **DEF 3** to access the initial values menu shown in **figure 3**.
- ☐ Select "INITIAL ODO" by pressing **1**. The menu shown in **figure 8** will be displayed.



ENTER ODOMETER
>
CURRENT SETTING
1234.0

Figure 8

- ☐ Enter the dashboard odometer and press the **SEND** button. **Note that this is in tenths of miles!** If a vehicle does not show tenths of miles on the dashboard odometer, then simply leave the tenths of a mile place as 0 on the MR-55, as shown in **figure 8** above.
- ☐ Once the vehicle configuration has been successfully programmed, then press "RESET" on the MR-55 to return to the main menu and proceed to **Section 3 – Set Bus Number**.

3 - Set Bus Number

- ☐ Ensure your MR-55 is in tech mode denoted by "***MAIN MENU**" on the MR-55.
- ☐ Press **1** to read the module with MR-55. Wait for the results to fully populate, as shown in **figure 1**.
- ☐ Press **CLEAR** to access the configuration menu as shown in **figure 2**.
- ☐ From the configuration menu press **ABC 2** "SET BUS#".
- ☐ Enter the vehicle number, then press **SEND**.
- ☐ Once the vehicle configuration has been successfully programmed, then press "RESET" on the MR-55 to return to the main menu and proceed to **Section 4 – Auto Baud**.

4 - Auto Baud

- ☐ Ensure your MR-55 is in tech mode denoted by "***MAIN MENU**" on the MR-55.
- ☐ Press **1** to read the module with MR-55. Wait for the results to fully populate, as shown in **figure 1**.
- ☐ Press **CLEAR** to access the configuration menu as shown in **figure 2**.
- ☐ From the configuration menu press **DEF 3** to access the initial values menu shown in **figure 3**.
- ☐ Select "MORE" by pressing **GHI 4**. The menu as shown in **figure 4** will display.
- ☐ Select "Auto baud" by pressing **1**. Ensure the ignition is ON and press **SEND**.

For more detailed information, or in the event of configuration failure, contact S&A Systems for customer support and/or the full installation and troubleshooting guide.