



Hino 238-338 Conventional Truck Kit Manual



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Introduction

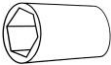
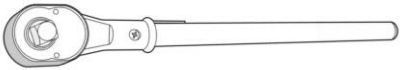
This manual will take you step-by-step on installing the **Hino 238-338 Conventional Truck kit** with diagnostics.



Note: This manual supports both Class 6 and Class 7 truck model configurations.

Getting Started

The following are the required tools and parts for the **Hino 238-338 Conventional Truck Kit**:

TOOLS	PARTS
#1 Slotted Screwdriver (1)  #2 Phillips Screwdriver (1)  10mm Socket (1)  Ratchet (1) 	Hino 238-338 Conventional Truck Kit (1)



- ## Step 2 — Getting started



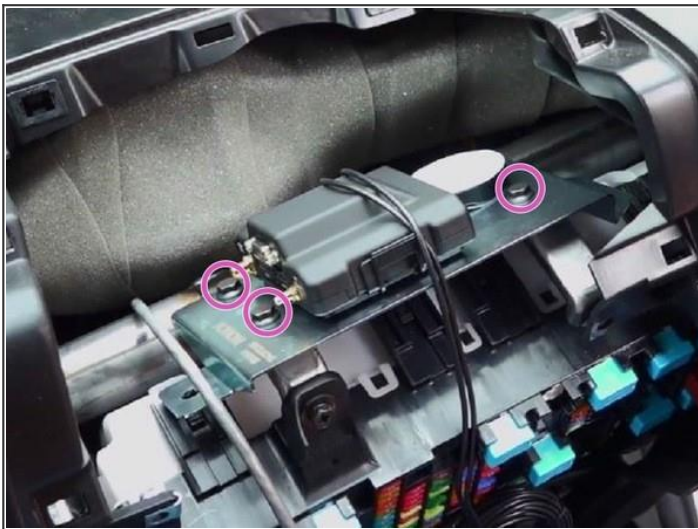
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Step 3



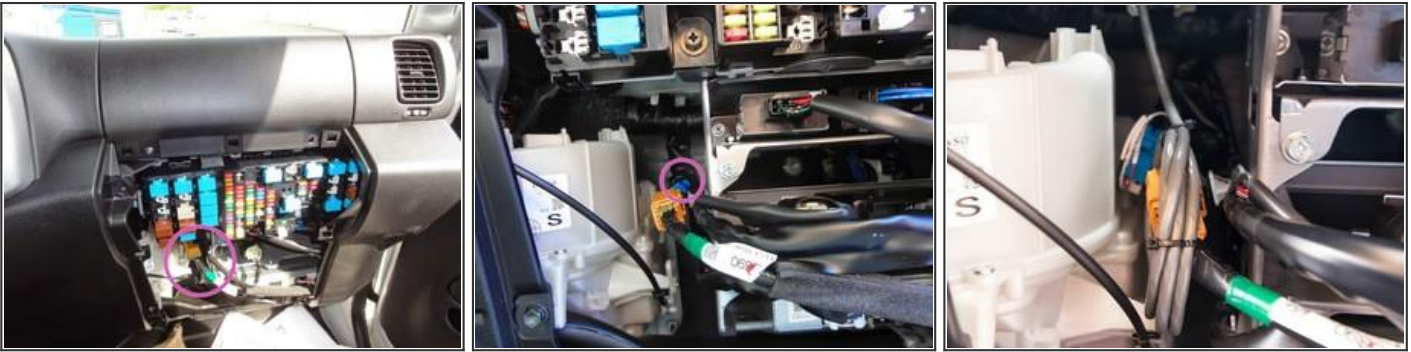
- Install device cradle to installation bracket using the supplied 4 screws.
- Note the installation bracket is labeled to identify orientation

Step 4 — Install bracket



- Install 3 10mm bolts as seen here
- Once bolted down install antenna using the included adhesive disc

Step 5 — Wiring the device



- Locate blue plug under fuse box as seen here
- Plug DB15 cable from device into blue plug
 - Run cable up towards device
 - Coil and secure extra cable as needed

Step 6 — Wiring the device



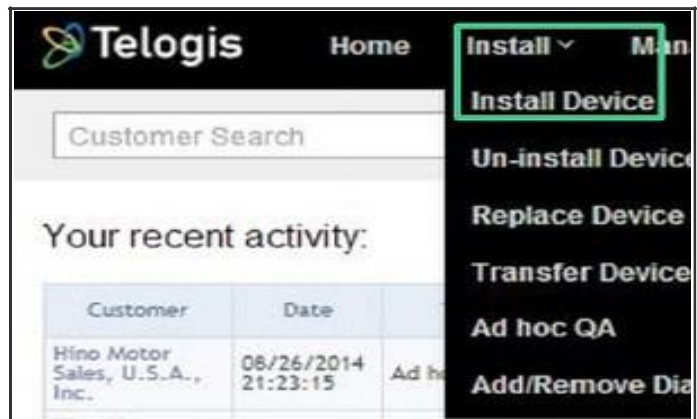
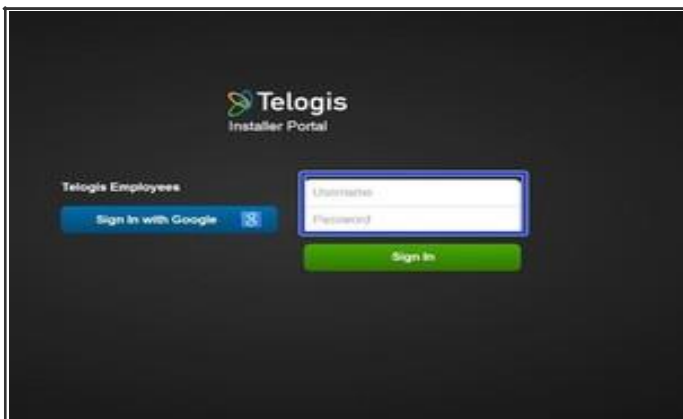
- Screw the DB15 cable into device
 - Use small flat head screwdriver for this
- Screw antenna connections onto device
- Install device into its cradle
- Device gets installed with the plugs on the left
Using wire ties, coil and secure excess wires

Step 7 — Verify operation



- LED's should both be solid before attempting to verify operation

Step 8 — Verify operation



- Log into installer portal to verify operation
 - <https://wanaka.telogis.com/Install/default.aspx>
Username: hino-dealer
 - Password: hinodealer
- Select install device under install tab
- Enter "Hino" and select: Hino Install Holding

Step 9 — Verify operation

The first screenshot shows the 'Select Vehicle' screen. The 'Customer' field is checked, and the 'Vehicle' field contains the ESN number '4862006112'. The 'Previous Install' section is visible on the left.

The second screenshot shows the 'Select Vehicle' screen with a search result for '4862006112'. The 'Vehicle' field is highlighted, and the 'Previous Install' section is visible on the left.

The third screenshot shows the 'Previously Installed GPS Device' screen. The 'Customer' field is checked, and the 'Vehicle' field is checked. The 'Previous Install' section is visible on the left.

- Enter ESN number from Step 1 here
- Select matching "vehicle"
- Select "NO" when asked if vehicle has previously had a device installed

Step 10 — Verify operation

The first screenshot shows the 'Device' screen. The 'Customer' field is checked, and the 'Device' field contains the ESN number '4862006112'. The 'Device Type' is 'LMU' and the 'Device Model' is 'LMU 4225'. The 'Previous Install' section is visible on the left.

The second screenshot shows the 'Confirm Vehicle Details' screen. The 'Customer' field is checked, and the 'Vehicle' field is checked. The 'Previous Install' section is visible on the left. The 'Device' field is checked. The 'Vehicle Details' section is visible on the right, with fields for Tag, VIN, Year, Make, Model, Odometer (mi), Engine Hours, License, and Color.

- Enter ESN recorded from Step 1 here
- Enter ALL vehicle information here
- Replace info in "TAG" with Vin number

Step 11 — Verify operation

Change Diagnostics

Customer: ☒ **Vehicle**: ☒ **Diagnosics**

Is this device connected to vehicle diagnostics?
☒ Yes
☐ No

Do the diagnostics require an external AutoTap?
☐ Yes
☒ No

Select Install Type
 -- None --

Installation Checklist

The following checklist must be completed before:

1. Have you mounted both gps/cell antenna and...
2. Have you ensured that antenna wiring/connect...
3. If the device has a power connection have you not be bumped and that any fuses are not blow...
4. Have you plugged in the device to the vehicles the connectors are not loose and that they will...

Next

Telogis Home Install Manage Projects Switchboard

Customer Search Search

Ad hoc QA **Diagnosics QA**

Basic QA ☒ **Diagnosics QA**

Assessment Summary

Please start the vehicles ignition.

Next

If the current Quality Assessment is failing you may still continue.

Diagnostic Data And how often you want to see data

- Select "YES" when asked if device connected to diagnostics
- Select "NO" when asked if external autotap is required
- Select LMU-4225 install type
- Review Installation checklist
- Start the vehicle allow to run for a few minutes, then select Next

Step 12 — Verify operation

Basic QA

Diagnostic QA

Assessment Summary

Good
 Points have been received
 Points are green valid
 All data quality is good
 100% quality is good

Next

Diagnostics QA

The device may take several minutes to start reporting as sending a phone home (SMS) has failed.

This step assesses diagnostic reporting between the installed device and the Telogis Server.

Assessment Summary

Diagnostic received 27 seconds ago

Accurate
 3 data points accurate

Next

If you are in a bad cell area or unable installing a high battery device and are sure the device is installed you can update.

Not a diagnostic installation? [Get as a correct installation](#)

Selected the wrong Install Type? [Test Install Type](#) [Show details](#)

Vehicle Details

Expected Diagnostics

PTD	Disengaged
Max Deceleration	0.119018562 m/s ²
Max Acceleration	0.119018562 m/s ²
Total Fuel Used	2978.5 L
Total Idle Fuel Used	Not Reported
Total Idle Hours	61.49 hours
Total Engine Time	218.7 hours
Odometer	6228 km
Engine Speed	701 RPM
Engine Coolant Temperature	Not Reported
Battery Voltage	12.85 V
Reported diagnostic for Battery Voltage appears too low.	
J1939 DTC	J1939 0-0-0
Ignition	On
Malfunction Indicator Lamp Status (MIL)	Not Reported
Boom Status	Off
Extra Reported Diagnostics	
Vehicle Status	On

- Once the device reports in, you should get a green light/pass.
- Page will refresh on its own several times.
- If you get a red light / fail cycle ignition and refresh the page
- Once Basic QA passes you will be directed to Diagnostic QA. Here you should also get a green light / pass
- Even if you get a green light/pass select expand details and verify RPM is reporting. This may take a several minutes for the device to report

Step 13 — Verify operation

Telogis Home Install Manage Projects Switchboard Reports Matthew Reilly

Customer Search [] Search Timezone: (UTC-08:00) Pacific Time (US & Canada) #

Install Summary

Type: Install Customer: [Hino Motor Sales U.S.A. Inc.](#)
Committed Time: 08/13/2014 10:19:32 Installer: Matthew Reilly

Vehicle Details **Device Details**

QA

Basic QA (Last run on 08/13/2014 at 10:22:30 by Matthew Reilly)

Good
Points were received
Received points were valid
RSSI quality was acceptable
HDOP quality was acceptable

Diagnostic QA (Last run on 08/13/2014 at 10:22:42 by Matthew Reilly)

Acceptable
Diagnostics were received
Request engine speed tid reported correctly

Ad hoc QA

Customer
[Hino Motor Sales U.S.A. Inc.](#)
[Installation Reports](#)

Vehicle Tag
5prv8y0e44s54081
(From Fleet Unit)

VIN
5PVN8JVD644S54081

Model Year
2004

Device
LMU 4225

ESN
4862006075

Unit Server Target
LMU [Home-Sided LA]

Install Notes

Notes

Images

Update **Upload Images**

- Basic QA result
- Diagnostic result
- Add notes here as necessary
- Images may be added via mobile device or upload via camera & PC
- If QA needs to be rerun select ad hoc QA

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