NO LIMITZ

User Guide

For Firmware 24.1.8 - 103125

The Z Automotive NoLimitz bypasses many of the "nanny systems" present on your vehicle, allowing you to customize your vehicle's performance for power or safety and increase security by requiring a PIN code and blocking key pairing. It is compatible with the following vehicles:

2018-2024
Jeep Wrangler JL
Jeep Gladiator JT
Jeep Wrangler 4XE
Dodge Ram 1500 DT
Dodge Ram 1500 TRX

2015-2024
Dodge Challenger
Dodge Charger
Chrysler 300

2015-2025
Dodge Durango

2014-2021
Jeep Grand Cherokee

Firmware Updates

NEW FIRMWARE IS AVAILABLE PERIODICALLY, ALWAYS FREE AND POSTED TO THE Z AUTOMOTIVE WEBSITE. THE NOLIMITZ MAY NOT SHIP WITH THE LATEST FIRMWARE, SO USE THE **DEDICATED "NOLIMITZ" TAB** OF ZPU (Z AUTOMOTIVE PROGRAMMING UTILITY), ALSO ON THE WEBSITE, TO INSTALL THE FIRMWARE OVER USB. **LOST USB CABLES CAN BE REPLACED WITH A GENERIC "USB MINI-B" DATA/CHARGING CABLE FROM ANY ELECTRONICS RETAILER.**



WARNING

DISABLE SPEED LIMITER FOR TRACK USE ONLY AND WITH PROPERLY SPEED-RATED TIRES. Z AUTOMOTIVE IS NOT RESPONSIBLE FOR DAMAGE CAUSED BY FAILURE TO HEED THIS WARNING.

These two pages contain all of the essential info for day-to-day use of the NoLimitz! Print just these pages and keep it in your vehicle.

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Menu Navigation

The NoLimitz menu is accessed ONLY from the AUDIO page of the dashboard EVIC screen. The Ignition must be in the RUN position (press twice with your foot off the brake).

Function	Button Input
OPEN MENU (Starting from "SpdLimit")	**CRUISE CANC (HOLD 4-5 seconds)** Watch for "NoLimitz" to appear on the dashboard EVIC screen.
SCROLL MENU	**CRUISE CANC (TAP)**
INCREASE VALUE (SPEED, TORQUE ETC.) **or** SELECT MENU OPTION	**CRUISE SET +**
DECREASE VALUE (SPEED, TORQUE ETC.)	**CRUISE SET -**
RUN LOCK (With vehicle RUNNING)	**(HOLD) CRUISE CANC + OPEN OR CLOSE DOOR**
QUICK VALET/TEEN MODE (With vehicle RUNNING)	**(HOLD) CRUISE RES + OPEN DOOR**
QUICK ENABLE AUTO LOCKDOWN	**(HOLD) CRUISE SET + + TURN ON VEHICLE** (DOES NOT AFFECT TAZER OR IGLA)
QUICK DISABLE AUTO LOCKDOWN	**(HOLD) CRUISE SET - + TURN OFF VEHICLE** (DOES NOT AFFECT TAZER OR IGLA)
EXIT MENU	**Wait 8 seconds OR scroll past firmware version** "NL XX.XX.XX" **in menu**

Main Menu

- **Speed Limit** "SpdLimit" set max vehicle speed up to 200 MPH
- **Torque Limit** "TrqLim" set to OFF to disable torque management or limit it up to 99%
- **4XE Power** "4xEPower" set to "YES" for full power in 2WD **(4XE only)**
- **Rev in Neutral** "RevInN" set to "ON" to allow engine to rev past 4000RPM in Neutral **(excl. JL/JT)**
- **Sport Mode** "Sport" set engine mode to Offroad Plus Sport **(6.4L JL only)**
- **Hyper Mode** "Hyper" set to "YES" to increase throttle response **(Scat Pack, Hellcat, TRX ONLY)**
- **Power in 4-Low** "4loPwr" set to "YES" to allow full power in 4-Low **(JL/JT only)**
- **Toggle MDS** "MDS" set to "NO" to disable cylinder deactivation **(5.7L/6.4L only)**
- **IsTuned** "IsTuned" set to "YES" **before tuning PCM** to prevent P1400 DTC **(5.7L/6.4L only)**
- **Top Speed** "TopSpeed" view max recorded speed
- **Security Submenu** "Security" select to enter the Security Submenu AFTER entering your Security Code. **(The default Security Code is Set +, Set -, RES, Canc**
- **Teen Mode Submenu** "TeenMode" select to enter the Teen Mode Submenu AFTER entering your Security Code. **(The default Security Code is Set +, Set -, RES, Canc)**
- **Firmware Version Display** "NL XX.XX.XX" displays the currently installed firmware version

Security Submenu

- **RF Hub Block** "RFBlk" set to "YES" to block the RF Hub and prevent key pairing. **DISABLE BEFORE DEALER SERVICE**
- **Brake Lock** "BrkLock" set to "YES" to lock the brakes when NoLimitz security is triggered **(excl. hybrid/4XE)**
- **Tamper Detection** "Tamper" set to "YES" to lock down when a scan or key pairing is attempted. **DISABLE BEFORE DEALER SERVICE**
- **Horn and Lights Alert** "HornLights" set to "YES" to flash lights and honk the horn when NoLimitz security is triggered
- **Engine Start Disable** "NoStart" set to "YES" to inhibit the engine from cranking
- **Throttle Disable** "NoPower" set to "YES" to disable throttle or ignition response

Security Submenu Cont.

- **Auto Lockdown "AutoLockDn"** select from the following:
  - AUTO: lock the vehicle down automatically on ignition until the passcode is entered
  - TAZER: compatibility mode for Tazer security measures **(coming soon)**
  - IGLA: compatibility mode for IGLA's security measures **if using same passcode on NoLimitz and IGLA**
  - VALET: quick valet mode which disables security measures
  - OFF: no security measures on startup

DISABLE BEFORE DEALER SERVICE

- **Run Lock "RunLock"** set to "YES" to lock the vehicle down when you perform the shortcut above
- **Torque Kill "NoTorque"** set to "ON" to disable torque during lockdown
- **Panic Mode "Panic"** set to "ON" to activate Panic during lockdown
- **Light Show "LightShow"** set to "ON" to activate lightshow during lockdown.
- **Change Security Code "ChangeCode"** select this option to update security code. You will first be prompted to enter your original code, then the new one you would like to change it to twice to confirm. **(The default Security Code is Set +, Set -, RES, Canc)**
  - Set a four-button sequence from any button on the steering wheel, including paddles
  - **When you've entered the code the second time, it is saved.**

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REMINDER

BEFORE DEALER SERVICE, TEMPORARILY DISABLE SECURITY MEASURES BY SETTING THE FOLLOWING:

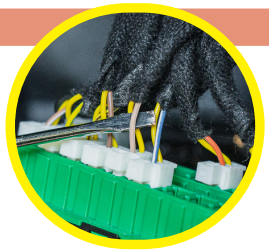
"RFBLK" > NO
"TAMPER" > NO
"AUTOLOCKDN" > OFF

Teen Mode Submenu

- **Enable Teen Mode "Enable"** select to activate/deactivate Teen Mode
- **Teen Mode Speed "MaxSpeed"** set max speed in Teen Mode up to 200 MPH
- **Teen Mode Torque "MaxTorque"** set max torque in Teen Mode up to 99% or OFF (100%)

Uninstallation

- **To fully disable the NoLimitz**, disconnect the STAR connector with white/beige and yellow wires and return it to its factory position.
- **To fully uninstall the NoLimitz**, consult your specific vehicle installation guide.



Troubleshooting

Issue	Common Fix
MENU NOT APPEARING	Hold CRUISE CANC longer or check for green LED flashing on unit.
FEATURE MISSING FROM MENU	The feature is not compatible with your vehicle.
SECURITY CODE NOT ACCEPTED	Confirm correct inputs. Wait 20 seconds after 3 incorrect attempts.
"Wrong Port" DISPLAYED ON DASH	NoLimitz is not connected to the correct STAR connector with white/beige and yellow wires.
VEHICLE WILL NOT START AFTER UNINSTALL	Reconnect the STAR connector with white/beige and yellow wires to its factory position.

Z Automotive cannot be held responsible misuse or consequential damages.
If you are in doubt, email support@zautotech.com.
Please be aware that modifying your vehicle in any way can affect your vehicle's warranty, longevity, handling, etc.
Please use with caution, and AT YOUR OWN RISK.
USING THE LIGHT SHOW FEATURE ON PUBLIC ROADS: IMPERSONATING A POLICE OFFICER IS A FELONY. LIGHT SHOW IS INTENDED FOR CAR SHOW/TRACK/OFF ROAD USE ONLY.
Z Automotive is in no way affiliated with FCA.

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10,885,039; 10,759,328; 10,431,946; 10,266,102; 9,937,850; 9,849,826;
and other patents pending.