

# **User Guide**

For Firmware 24.1.7 - 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 2015-2021

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.** 



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.

# Security Submenu

- RF Hub Block "RFBIk" 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)

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



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	CRUISE CANC (HOLD 4-5 seconds)
(Starting from "SpdLimit")	Watch for "NoLimitz" to appear on the
	dashboard EVIC screen.
SCROLL MENU	CRUISE CANC (TAP)
INCREASE VALUE (SPEED, TORQUE ETC.)	CRUISE SET +
SELECT MENU OPTION	
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 up to 200 MPH
- output up to 100%
- 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 Sport (6.4L JL only)
- Hyper Mode "Hyper" set to "YES" to increase throttle response (excl. JL/JT)
- 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)
- Speed Limit "SpdLimit" set max vehicle IsTuned "IsTuned" set to "YES" prevents P1400 DTC with tuned PCM (5.7L/6.4L only)
- Torque Limit "TrqLim" set max torque Top Speed "TopSpeed" view max recorded speed
- 4XE Power "4xEPower" set to "YES" for full 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)
  - **Version Display "NL Firmware** XX.XX.XX" displays the currently installed firmware version
  - **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
- 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

## 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: guick 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

## 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 vou 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.

## Teen Mode Torque "MaxTorque" set

**Electronic Performance Modifications** 

max torque in Teen Mode up to 100%

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

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Iroubleshooting	
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.

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.

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