

# NoLimitz DT Installation Guide

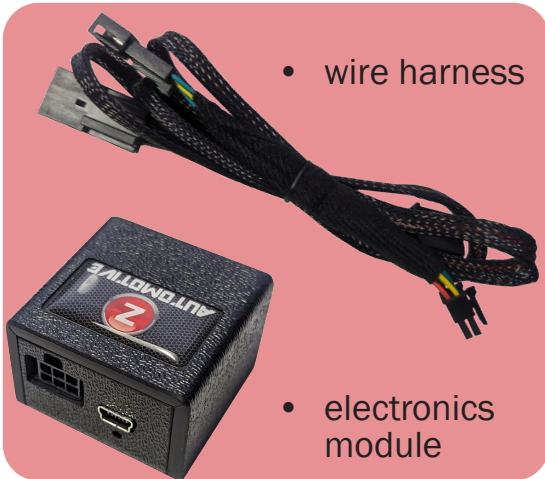


The **Z Automotive NoLimitz DT** bypasses many of the “nanny systems” present on your truck, including the **speed limiter, the speed limit in 4 Low, torque management due to wheel spin, and it blocks key pairing.** It is compatible with the following vehicles:

### 2018-Present

- Dodge Ram 1500 DT
- Dodge Ram 1500 TRX

## What’s in the box?



- wire harness

- electronics module

## Tools Needed:

- plastic pry bar
- very thin flat head screwdriver
- razor **(2022+ only)**
- flush cutters **(2022+ only)**
- nose pliers **(2022+ only)**

# WARNING

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

# Installation



- Use the top lip of the radio to pull out the center panel and swing it to the left
- This will reveal the connector on the back of the panel as well as an opening that will be utilized in **step 9.** (A)

- Lift the silicone tray above the radio and remove the 2 screws underneath.



- Unplug the connector by pressing the tab and pulling straight out.

- Plug the connector into the matching female end on the kit’s wire harness.
- The wire harness requires some modification for 2022 or newer vehicles. [Skip to the last page for those additional steps.](#)**

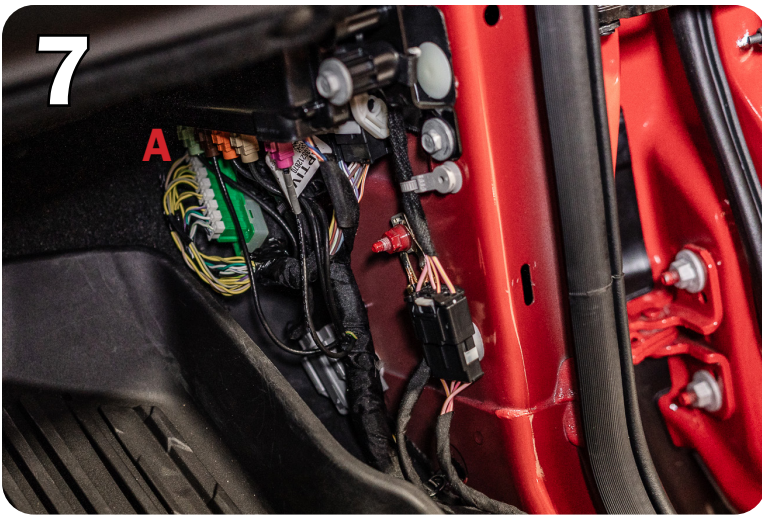


- Plug the male connector on the wire harness into the HVAC control panel and set it aside.



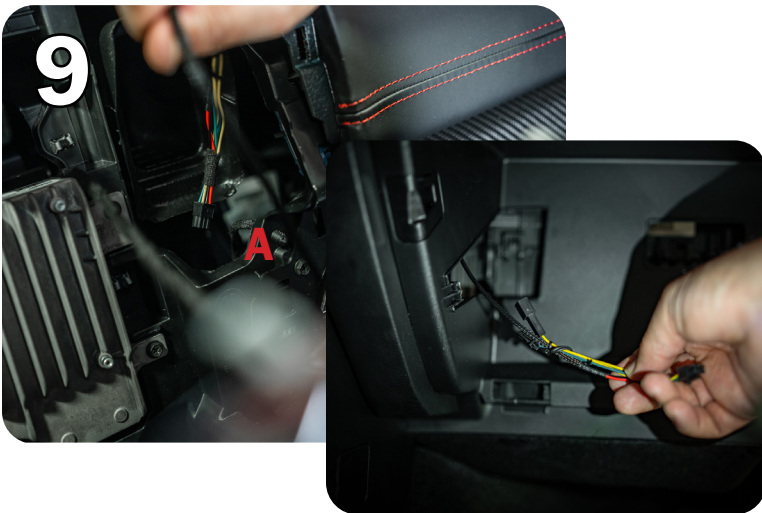
- Pull or pry up the trim that sits below the passenger’s side door and to reveal the STAR Connector.





- Note the location of the green STAR Connector. (A)

- Release the keyhole tab on the left of the glove box and depress the large tab at the top of the glove box, then swing the glove box down to remove it.



- Pass the end of the wire harness through the opening revealed in step 2, which is above and to the left of the glove box. (A)
- Pull the end through and into the vacant glove box compartment.

- Thread the wire harness into the hole in the plastic panel at the back of the compartment (A) all the way to the opening on the right (B).



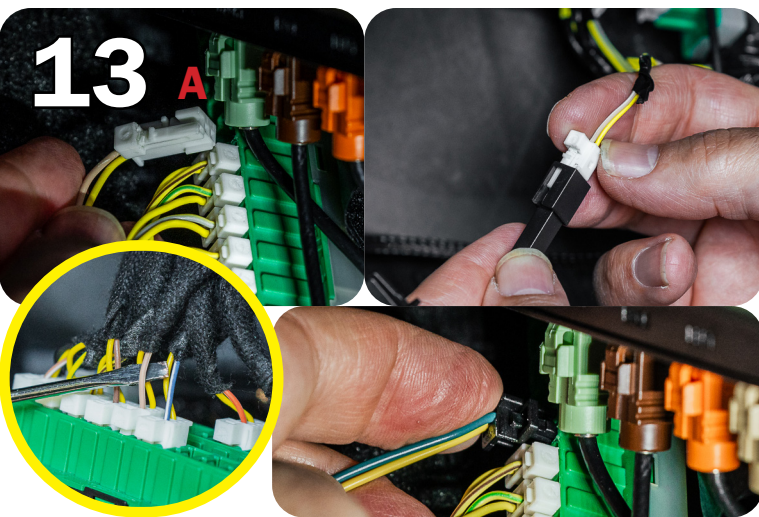
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- Pass the wire harness down behind the plastic panel at the back of the compartment, reach under the compartment and pull it through.

- Pry the fabric-covered panel below the glove box compartment down to make room to pass the wire harness through in the next step.

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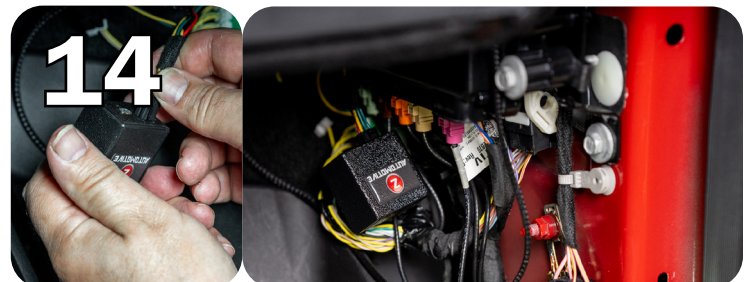
- Remove the STAR connector plug with the beige and yellow wires (A), by wedging a flathead screwdriver into the gap above the green plastic to depress the latch and pull straight out.

- **Note:** The brown wire looks very similar, be sure you're looking at the beige one.

- Connect the plug to the matching female port on the NoLimitz wire harness, then plug the matching male connector on the harness to any open port on the STAR connector.

- Connect the NoLimitz electronics module to the wire harness.

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- Reinstall the center console by reversing step 2 and 1.
- Do not replace the passenger-side door kick panel until after testing the NoLimitz function with the steps below.

- Tuck the NoLimitz wire harness away and put the glove box back by reversing step 8.



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## Activation

To activate the NoLimitz, hold the steering wheel LEFT ARROW and press the vehicle START button with your foot off the brake to put the ignition in ACC or RUN without starting the engine. The hazard lights will flash 5 times to indicate that the NoLimitz is activated.

## Deactivation

To deactivate the NoLimitz, with the ignition in RUN, hold the steering wheel LEFT ARROW and turn off the vehicle. The hazard lights will flash 5 times and the LED on the electronics module will flicker red to indicate that the NoLimitz is deactivated.

## Troubleshooting and Testing

You can determine the status of the NoLimitz by paying attention to the LED on the electronics module.

LED Color	Light Pattern	Meaning
Red	Flickering	The NoLimitz is deactivated or is not connected to the PCM (plug with the beige wire).
	Flash x 2	The NoLimitz is falling asleep
Green	Flickering	The NoLimitz is activated and connected to the PCM.
Off		The NoLimitz is asleep.

## Finalizing the Installation

- After confirming that it's working with the steps above, tuck the NoLimitz wire harness away and replace the passenger-side kick panel by reversing step 6.



## Supplement: Modifying the Harness and Factory Plug for 2022+ Vehicles



- Due to different keying on newer radios, you'll need to modify the male and female connectors on the NoLimitz wire harness as pictured.
- For a slightly easier modification, you can perform the above steps on the factory male connector on your vehicle as well so that it fits the female connector on the harness and skip the steps pictured below.



Z Automotive cannot be held responsible misuse or consequential damages.

If you are in doubt, email [support@zautotech.com](mailto: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.

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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.