

2008 4500/5500 CHASSIS CAB ADJUSTABLE IDLE SPEED INSTRUCTIONS

PRELIMINARY

Idle Up Feature (Adjustable Idle Control)

This is a Diesel only feature and is NOT available on any vehicle equipped with a 5.7L gas engine.

Idle up (Adjustable Idle Control) is available when PTO is enabled on the vehicle by purchasing the PTO prep option (sales code LBN) or by having the Dealer enable the feature. It has been developed to aid in cabin heating / cooling or enhance stationary PTO capability by elevating the idle speed upon operator command through the steering wheel mounted cruise switches.

If the vehicle was purchased without PTO prep (sales code LBN) and the Idle Up feature is desired, your Dodge Dealer can enable this feature provided the vehicle has the required hardware and software.

Vehicle Required Hardware/Software

If the vehicle is equipped with an automatic transmission:

- Original equipment cruise switches
- PTO enabled (by purchase of prep package or by Dealer)

If the vehicle is equipped with a manual transmission

- Original equipment cruise switches
- Clutch up-stop switch wired to the PCM
- PTO enabled (by purchase of prep package or Dealer)

This feature cannot be Dealer enabled for manual transmission equipped vehicles NOT ordered with the PTO prep package. This is due to the required up-stop switch. At this time there is no Mopar parts kit to add this switch.

Operation:

Pre-engagement vehicle requirements:

1. The vehicle must be in Park (automatic transmission).
2. Vehicle speed must be less than 2 mph (manual transmission).
3. Brake pedal must not be depressed.
4. Clutch pedal is not depressed
5. Parking brake must be set for manual transmission
6. No active speed or engine faults present (MIL lamp on)

To engage, the operator first presses the "Cruise On" cruise control switch. The Cruise light will come on in the cluster. Then press and release the "Set" switch (just like you

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would do when operating the cruise control feature). This will activate the feature and set the engine idle speed to 900 rpm's.

At this point the operator may choose to "ramp" up or down the idle speed. To ramp up, press and hold the RES / ACCEL (right hand side) cruise switch. Maximum idle speed (while feature is active) is 2000 rpm's. At any point while the idle speed is ramping up the operator may release the RES / ACCEL switch and the idle speed will stabilize at the value shown on the tachometer.

To ramp down the procedure is the same as when ramping up except, that the operator will press and hold the COAST cruise switch. Minimum idle speed (while feature is active) is 900 rpm's.

When the Idle Up feature is engaged it can be disabled (turned off) by several ways:

1. The cruise cancel switch can be pressed.
2. Cruise off switch can be pressed.
3. Vehicle brake pedal can be depressed.
4. Move the PRNDL (gear select lever) from Park
5. Vehicle speed greater than 2 mph (manual vehicle only)
6. Clutch pedal is depressed.

When this feature is disabled from any method then the idle speed will revert back to the standard vehicle idle speed. The cruise lamp will stay on until the cruise off switch is pressed even though the Idle Up feature has been disabled.

The Idle Up feature is the lowest priority between it and PTO operation. If at any time during active Idle Up the PTO on/off switch is activated the control will be given over to the PTO feature. For example, if the idle up is active and the idle speed has been set to 1400 rpm's and then the PTO on/off switch is activated the idle speed will return to 900 rpm's (Stationary PTO mode). If all conditions are met to engage the PTO, the idle up feature can then be used to ramp up the idle speed again to the desired level.

If any of the disable conditions are met, the PTO switch must be cycled off then back on before the Idle Up can be used again.