



Instruction Manual

# 2017-2020

# Isuzu

SCAN FOR VIDEO



# OTR Reset Tool

The Reset Tool is an automated diagnostic tool that makes it quick and easy to aid in getting back on the road. It doesn't require any special software or hardware to use, and you don't have to press any buttons.

With this tool, you can:

- Reset fault codes
- Reset the aftertreatment system
- Perform a forced regeneration of the DPF

This tool is perfect for people who own their own vehicles, drive for a living, or manage a fleet of vehicles.

It can help you:

- Spend less time in repair shops
- Feel more confident when driving
- Handle minor issues on your own, without having to rely on dealers for basic repairs or clearing error codes.

## Engine model coverage:

### Isuzu

2017 - 2020 ..... 4HK1-TC (5.2L)

2017 - 2020 ..... 4JJ1-TC (3.0L)



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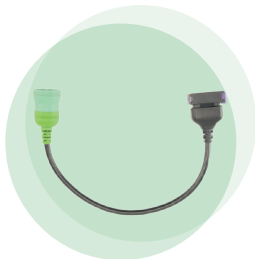
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# Package Contents



Reset tool



Adapter cable



OBD adapter



Manual




Carrying case

# Reset Fault Codes

## STEP 1

Turn the ignition off and remove the key.

 Leave key out of the ignition.



## STEP 2

Set a timer for 1 minute.



## STEP 3

Insert the key and turn to the run position, but do not start the engine.



## STEP 4

Set a timer for 1 minute.



## STEP 5

Connect the OBD adapter in the adapter cable.



## STEP 6

Connect the purple side of the adapter cable into the reset tool.



## STEP 7

Connect the adapter cable with OBD adapter into the OBD port of the truck.



## STEP 8

Set a timer for 1 minute to reset the fault codes. During this process you may notice lights flashing on the dash, this is normal.



## STEP 9

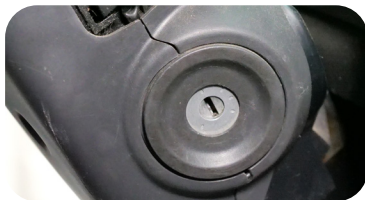
Disconnect the reset tool.





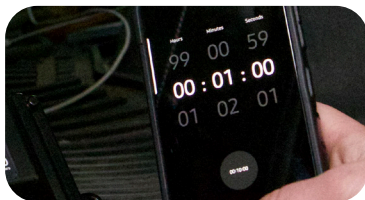
## STEP 10

Turn ignition off and remove the key.



## STEP 11

Set a timer for 1 minute




## STEP 12

Insert the key and turn to the run position, but do not start the engine. Now the reset is complete.




 If codes do not clear, repeat from step 1.

 If the codes still do not clear, check fault codes and make repairs as needed. Then try to reset the fault codes again by starting at step 1.

# **Reset Aftertreatment**

## STEP 1

Turn the ignition off and remove the key.

 Leave key out of the ignition.



## STEP 2

Set a timer for 1 minute.



## STEP 3

Insert the key and turn to the run position, but do not start the engine.



## STEP 4

Set a timer for 1 minute.



## STEP 5

Connect the OBD adapter in the adapter cable.



## STEP 6

Connect the purple side of the adapter cable into the reset tool.



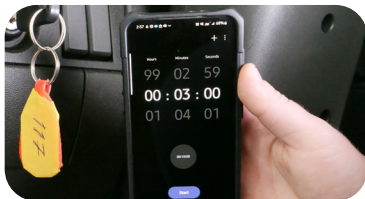
## STEP 7

Connect the adapter cable with OBD adapter into the OBD port of the truck.



## STEP 8

Set a timer for 3 minute to reset the fault codes. During this process you may notice lights flashing on the dash, this is normal.



## STEP 9

Disconnect the reset tool.



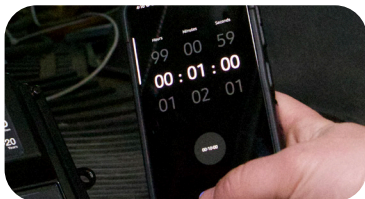
## STEP 10

Turn ignition off and remove the key.



## STEP 11

Set a timer for 1 minute.



## STEP 12

Insert the key and turn to the run position, but do not start the engine. Now the reset is complete.



If lights do not clear, repeat from step 1.



If the reset is still unsuccessful, check fault codes and make repairs as needed. Then try to reset the aftertreatment again by starting at step 1.

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# Forced DPF Regen

## **Warning!**

Do not perform forced DPF regen in a location with poor ventilation. Exhaust gas may cause carbon monoxide poisoning especially in an enclosed location, such as in a garage, indoors, etc.



Do not perform forced DPF regen in a location where there are flammable materials such as dried grass or paper waste. The temperature of the exhaust gas and the area around the exhaust pipe and muffler become high during the regen. Therefore, if there are flammable materials nearby, a fire may occur. If the vehicle is stopped over a road surface that is painted, the road surface may be discolored.



In addition, never allow your body to contact the exhaust gas and the area around the exhaust pipe and muffler. Doing so may cause burn injuries.





## Regen Condition Requirements

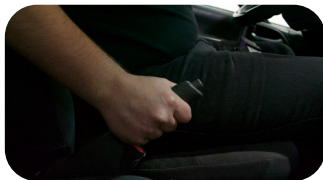
Engine is at least 165° or the needle is in the middle of the coolant gauge.



Manual and Automatic transmissions must be in neutral.






Set the parking brake.




Do not press the brake or accelerator pedal.



-  Confirm engine jake brake is off as well as cruise control if equipped.
-  For the models equipped with PTO switch, be sure to turn the PTO switch off.
-  While performing a forced DPF regen, engine noise will vary and engine speed at idle will increase. This does not indicate a malfunction.

## STEP 1

Turn the ignition off and remove the key.

 Leave key out of the ignition.



## STEP 2

Set timer for 1 minute.



## STEP 3

Insert the key and start the engine.



## STEP 4

Set timer for 1 minute.



## STEP 5

Connect the OBD adapter in the adapter cable.



## STEP 6

Connect the purple side of the adapter cable into the reset tool.



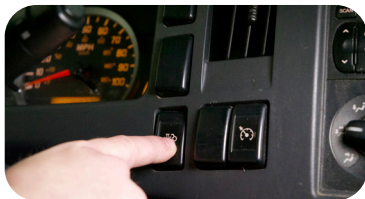
## STEP 7

Connect the adapter cable with OBD adapter into the OBD port of the truck.



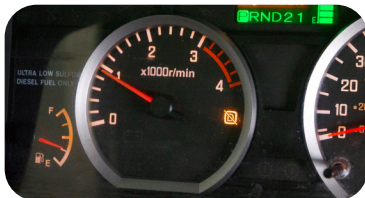
## STEP 8

Wait 10 seconds for the regen needed light on the dash to flash then press and hold the DPF button on the dashboard.



## STEP 9

RPM will increase to approximately 1000 RPM and the regen will begin, release the DPF button.



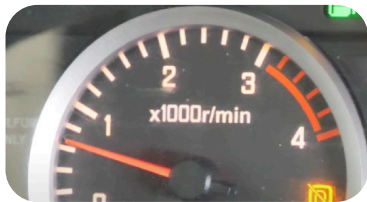
## STEP 10

Regen will last up to 60 minutes. Do not unplug the tool until the regen is complete.



## STEP 11

RPM will drop down to idle when the regen is complete.



## STEP 12

Disconnect the reset tool.



## STEP 13

Let the vehicle cool down for 15 minutes before turning the vehicle off. The Regen is now complete.

### **If DPF regen does not start:**

Ensure the engine coolant temperature is at 165 degrees Fahrenheit or more.

Check for existing fault codes that would prevent forced regen.

If all conditions are met, turn the vehicle off and repeat the process.

# FAQ

## **What does a forced regen do?**

Forced regeneration is a diagnostic process that builds temperature to burn soot accumulation down to ash within the DPF filter. During this process, the truck's computer can closely monitor and test multiple portions of the aftertreatment system. This type of regeneration can only be performed when a diagnostic tool starts the process within the truck's computer.

## **What if the fault codes do not go away?**

Yes, this can happen! If you have an existing issue or "Active Fault," you must correct the issue or perform a DPF regen for the code to go inactive.

## **Will this fix my truck?**

The OTR Reset Tool helps avoid problems, aid in resetting parameters, and running a forced regen. However, if you have any component failures related to the aftertreatment system, they will still require repair.

## **Will a forced regen void my warranty?**

Resetting faults, resetting soot levels, and running forced regens will NOT void your warranty.

## **How often to do a forced regen?**

A forced regen can be performed as often as possible. As a general rule of thumb, we recommend once every couple of weeks to ensure that the filters are maintained.

## **How long should a Regeneration last?**

If your regen lasts between 30 and 60 minutes it typically means it was performed successfully. Regens going shorter than 30 minutes or longer than 60 minutes would suggest there are some issues with the truck that will need attention.



**(586) 799 - 4375**

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