

# WHY'D THAT COME BACK?

powered by:



**Application: 2001-2004 Nissan Xterra and Frontier with 3.3L V6 engines**

- ▶ **Symptom:** Starter Failure Caused By an Oil Soaked Starter
- ▶ **Cause:** A leaking valve cover gasket
- ▶ **The Solution:** Replace leaking valve cover gaskets prior to installing a replacement starter



Oil Soaked Starter



Oil Damaged Starter Brush Assembly



Oil Damaged Starter Armature

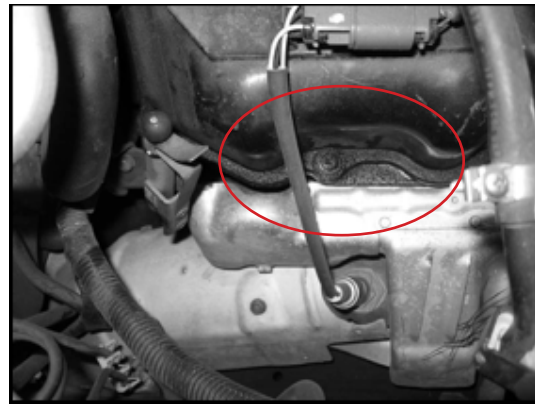
## Replacing the valve cover gasket is an inexpensive and easy fix

**WARNING:** Oil contamination of your replacement starter may void your warranty. Before you install a replacement starter, check your vehicle for oil leaks.

If your 2001- 2004 Nissan Xterra or Frontier with a 3.3L V-6 engine is suffering from a failed starter, it may be caused by a leaking valve cover gasket seal. These vehicles are known for valve cover gasket leaks. The passenger side leak will run down the back of the engine, enter the starter and severely shorten its lifespan.

Oil leaking into the starter will eventually destroy the brushes and the armature causing premature failure of the starter. To address this problem of leaking oil, the valve cover gasket will need to be replaced.

Replacing the valve cover gasket is an inexpensive and easy fix to help prevent future starter failure.



Valve Cover Oil Leak

For more information on this issue, scan the QR code, or head to: [https://youtu.be/\\_XCmmvgwTKg](https://youtu.be/_XCmmvgwTKg)



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