

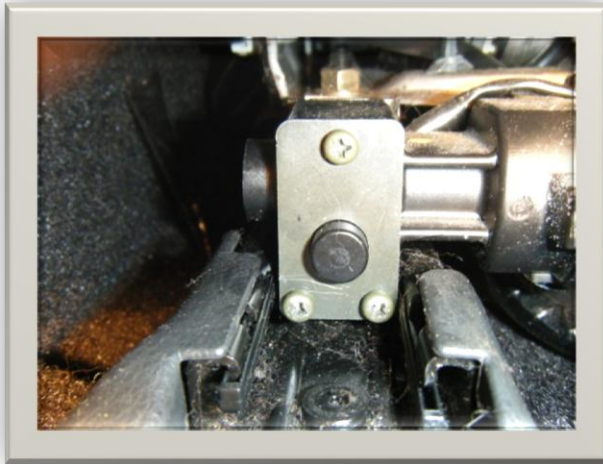


www.OdometerGears.com

Infiniti/Nissan Seat Gear Replacement

This FAQ is thanks to Dan Evans for the photos and notes.
Please use this as a guide and not an all inclusive FAQ.

There is no definitive gear that fits each vehicle. We have seen the each gear (neck and collar, no neck smooth shaft and no neck splined shaft) in both the driver's and passenger's seat!



1. Raise seat to its highest position before starting.
2. Remove the three Phillips head screws
3. Slide metal plate off
4. Pull the motor assembly toward the front of the vehicle exposing the old damaged gear.
5. Hold the old gear with a pair of vise grips and remove the nut on the end of the shaft and then the old damaged gear.

Order to install parts:

- Large washer
- Wavy washer
- Gear
- Small washer
- Nut



6. Slide the new gear into place (you will have to install the original collar to retain the automatic preset seat feature. The original collar is magnetic and the replacement collar is not.). If installing the new non-magnetic collar you will need to disable the automatic seat feature. If your old collar is damaged we have clients that have had success by using epoxy to secure the broken pieces to the new gear. You may need to use a small socket and hammer to lightly tap the new gear on the shaft.

The entry/exit function can be activated or cancelled

by pressing and holding the SET switch for more than 10 seconds while the ignition key is in the LOCK position. The indicator light will blink once when the function is cancelled, and the indicator light will blink twice when the function is activated. (Located in the owner's

manual section 3 Pre-Driving checks and adjustments)



7. Secure the nut on the end of the shaft

8. Slide the motor assembly onto the gear. May need to push or tap the housing to seat the assembly completely.

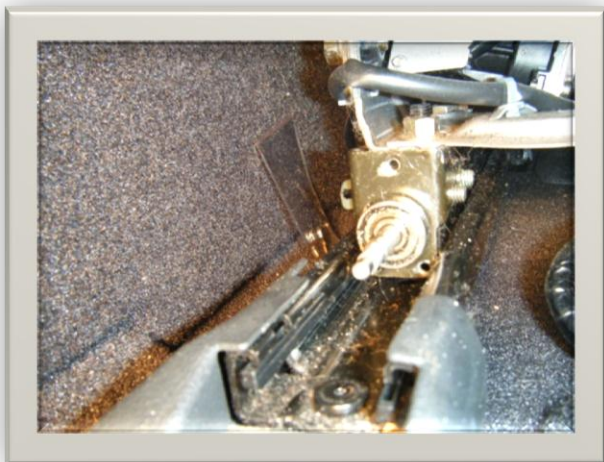
9. Replace the metal plate and secure the three Phillips head screws.

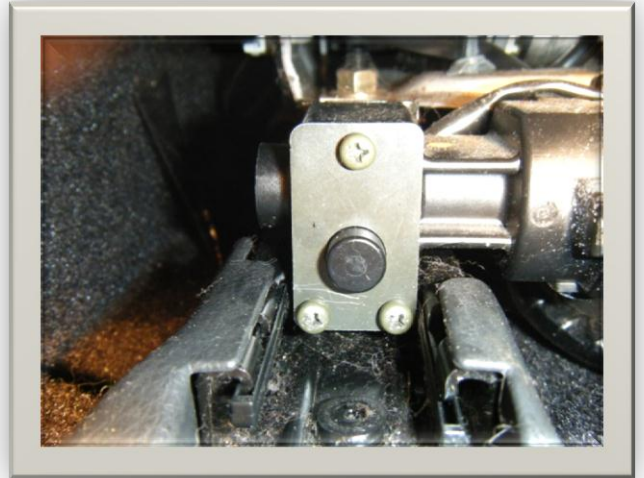
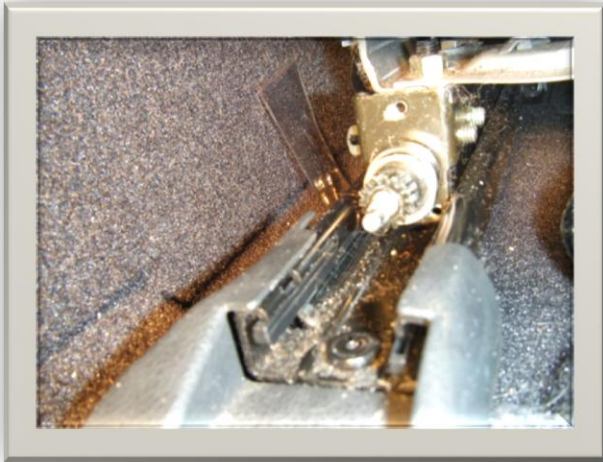
If Your Magnetic Collar Is Broken

You can use a thin layer of a two part epoxy like, [J-B Weld](#) or [Marine Tex](#) (Quick is not recommended to use for either product as the higher heat during the curing process) to secure the broken pieces of the collar to the new gear. Make sure to align the tabs of the broken collar to the recessed groves in the gear. This is the location of the two magnets that are required for the hall sensor to operate the automatic seat function as well as the seat memory presets.

A good trick to hold it overnight is to use a small heavy duty rubber band (like the kind they use to bundle broccoli together or hold a lobster claw shut). Glue the pieces together while on the nylon collar; put the rubber band over the magnet and the gear teeth. Twist the rubber band once and put over its self one more time. It holds snug enough around the shaft to keep the magnet pieces in place. Mine was in 5 pieces and they wanted to jump around a bit!

*Eric Johnson
St Johns, FL*





Air Bag Light Reset

You do not need to disconnect the air bag to perform this repair but if for some reason you do, this is the procedure on how to reset the air bag light without having to go to the dealer. (Tested and does work!)

1. Turn the key from off to on.

2. Watch the airbag light closely. It will stay on for a few seconds and then as soon as it blinks off (the start of the flashing), turn the key off instantly.

3. Count to 5 (1 Mississippi, 2 Mississippi . . .)

4. Repeat steps 1-3 two more times until you have done the cycle three times.

5. Now turn the key on and watch the light. It will start blinking in a different, slower manner. This is diagnostic mode. You can watch this for a little while, no hurry.

6. Now turn the key off again, Count to 5 like in step 3 again, and turn back on. If the procedure worked, the airbag light will not be flashing.

Thank you:

<http://x.nissanhelp.com>

Nickoli415 and Dave Mariotti