

insider info.

Rear Differential Modifications

Rear differentials with an updated style pilot bearing and AKA pinion bearing are available. This is a countermeasure for a high pitched whine noise (sometimes described as a turbine jet engine winding up) from the rear differential that can start at a relatively slow speed (25 mph) and rises in pitch and volume to about 50 mph. This can be distinguished from the characteristic differential ring and pinion noise by the fact that pilot bearing noise will be unaffected by installing the front wheel drive fuse, whereas the ring and pinion noise will effectively disappear with the fuse installed. The slight ring and pinion noise occurs in the 40-60 mph range and is considered a normal characteristic of the rear differential. However, the pilot bearing noise can be corrected.

Order the updated assembly by looking up the appropriate part number and changing the last digit to a 2. If you have a question regarding the part number or its availability, please consult your Subaru parts department.

Please note that these modifications and part number changes only pertain to Nissan-produced differentials. These can be identified by part numbers starting with 27011AA***. Physically, the differentials can be identified by the fact that the side covers for setting case preload are bolted on as opposed to the Fuji-produced differential (38300AA***), which have side covers that screw in similar to the side covers on Subaru front differentials.