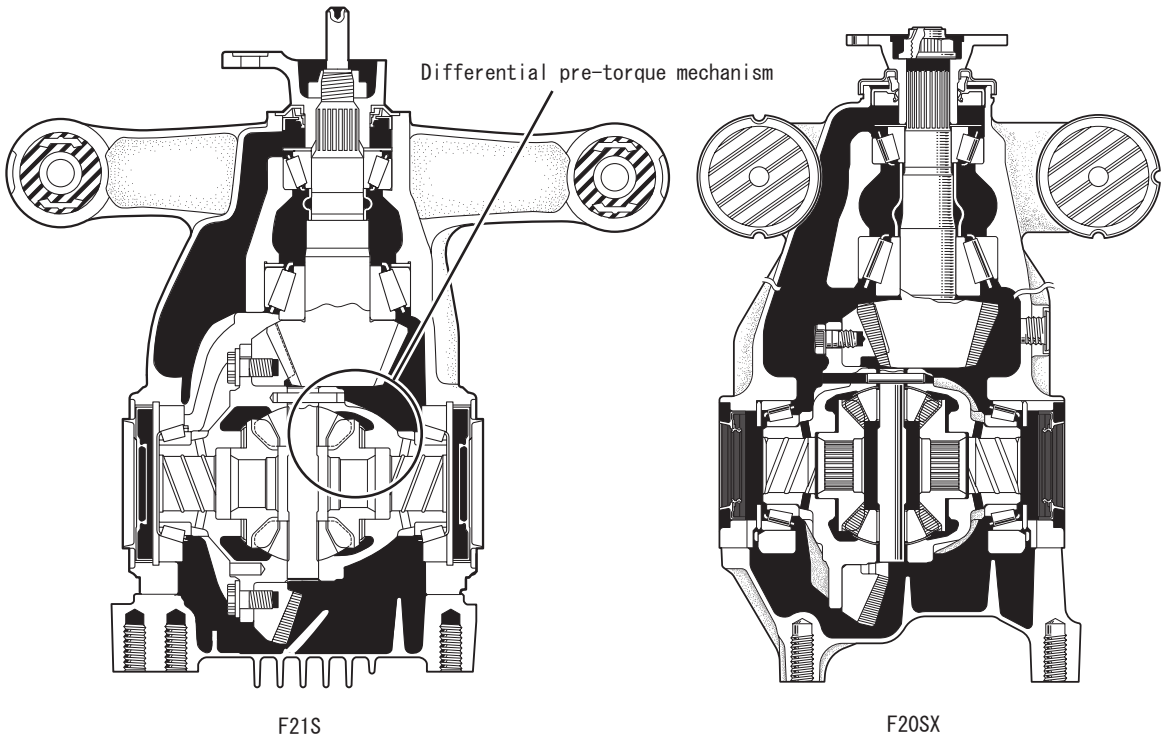


Rear Differential

- The following types of rear differentials are used: F21SF type on the models with the 3UZ-FE engine, F20SX type on the 3GR-FSE and 3GR-FE engine.
- A conical spring (pre-torque device) is used in the differential portion of the models equipped with the 3UZ-FE engine to improve the start off performance of the vehicle on slippery road surfaces.
- A type of outer race support for the side bearing that is fitted directly to the rear drive shaft is used on all the models, thus realizing weight reduction.



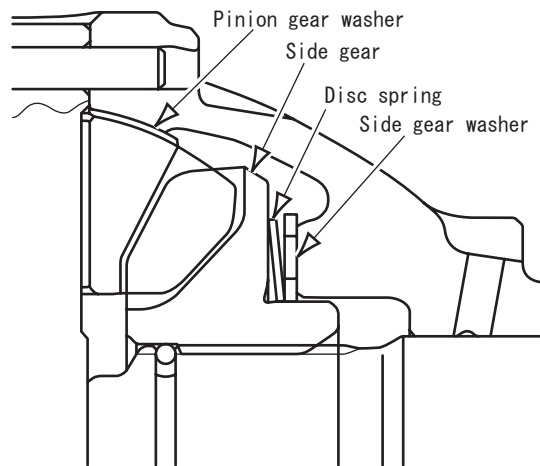
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Specifications

Engine Type	3UZ-FE	3GE-FSE,3GR-FE
Differential Type	F21SF	F20SX
Differential Gear Ratio	3.615	3.727
Ring Gear Size mm(in.)	208(8.2)	205(8.1)
The No. of Dive PinionTeeth	13	11
The No. of Ring Gear teeth	47	41
The No.of Differential Pinion	2	←
Name of oil used	Toyota Genuine Differential Synthetic gear oil API GL-5 SAE75W-90	←

Differential Pre-Torque Mechanism

- A conical spring is provided between the side gear and the side washer in the differential area. The load of the conical spring applies a friction force to the sliding area to improve the start off performance of the vehicle on slippery road surfaces.



DR