

Description

Parking Brake Mechanism

The parking brake mechanism locks the transmission by engaging the parking brake pawl into the parking gear which is splined to the countershaft.

Setting the select lever to **P** position causes the parking brake cone (installed at the end of the parking brake rod) to press the parking brake pawl onto the parking gear. Even if the end of the parking brake pawl rides on top of the parking gear teeth, slight movement of the countershaft will cause the parking brake pawl and the parking gear to mesh with each other completely, because the parking brake cone receives tension from the parking brake rod spring. The parking brake pawl receives the tension (which acts to separate the parking brake pawl from the parking gear) from the parking pawl spring.

