

1953 - 1954 Corvette: Service News: Powerglide Clutch Interference

Subject: Powerglide Clutch

Model and Year: 1953 - 1954 Corvette

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Due to limit stack conditions, a point of interference is possible when using a service replacement clutch drum or clutch assembly in 1953-54 Powerglide transmissions. The difficulty is caused by a ledge incorporated on the front face of a service replacement clutch drum, which can contact an embossed area on the valve body casting.

The interference can only be occasioned when using the following parts for replacement:

3740045 Clutch Drum Assembly

3742454 Clutch Assembly

3743840 Clutch Assembly

3748702 Clutch Assembly

Where clutch drum-valve body interference is noted when installing one of the above assemblies the valve body must be reworked to obtain drum operating clearance, as shown in Figure 2.

Online URL: <https://www.corvetteactioncenter.com/tech/knowledgebase/article.php?id=1168>