

1982 - 1991 Corvette: Service Bulletin: Evaluating Peened Spacer Plate (Service Information)

701 August 1, 2014 [Clutch and Transmission](#), [Clutch and Transmission](#) 0 690

Subject: EVALUATING PEENED SPACER PLATE (Service Information)

Model and Year: 1982-1991 ALL PASSENGER CARS AND TRUCKS WITH AUTOMATIC TRANSAXLES AND TRANSMISSIONS (EXCEPT GEO)

Source: Chevrolet Service Bulletin

Bulletin Number: 91-396-7A - (08/08/1991)

TRANSMISSION APPLICATIONS: All HYDRA-MATIC Automatic Transmissions and Transaxles

TRANSMISSION MODELS: All

BULLETIN COVERS: Some spacer plate peening is considered acceptable and preferred because it can help seat the check ball. This bulletin will help you decide if a spacer plate needs to be replaced due to a peening condition.

SERVICE PROCEDURE: The following two procedures can help determine if the spacer plate can be reused. The following must be performed at all check-ball locations.

1. The spacer plate must be inspected 100% for raised material on the opposite side of the check-ball seat (see Figure 1) . If the material on the opposite side is raised, the peening is too severe and the spacer plate must be replaced.
2. To verify that the spacer plate is peening evenly and the ball is sealing correctly, seat the check-ball on the spacer plate. Shine a beam of light on the opposite side and inspect for light between the spacer plate and check-ball (see Figure 2). No trace of light should be present. If light can be seen, a proper seal does not exist, and the spacer plate must be replaced.

SERVICE MANUAL REFERENCE:

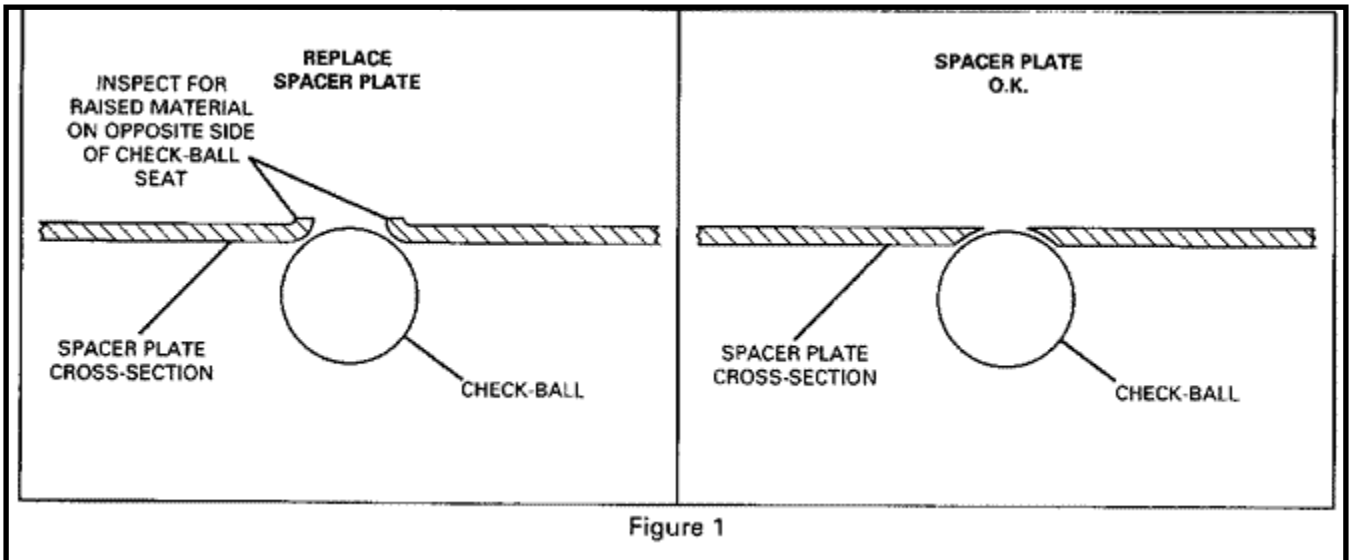


Figure 1

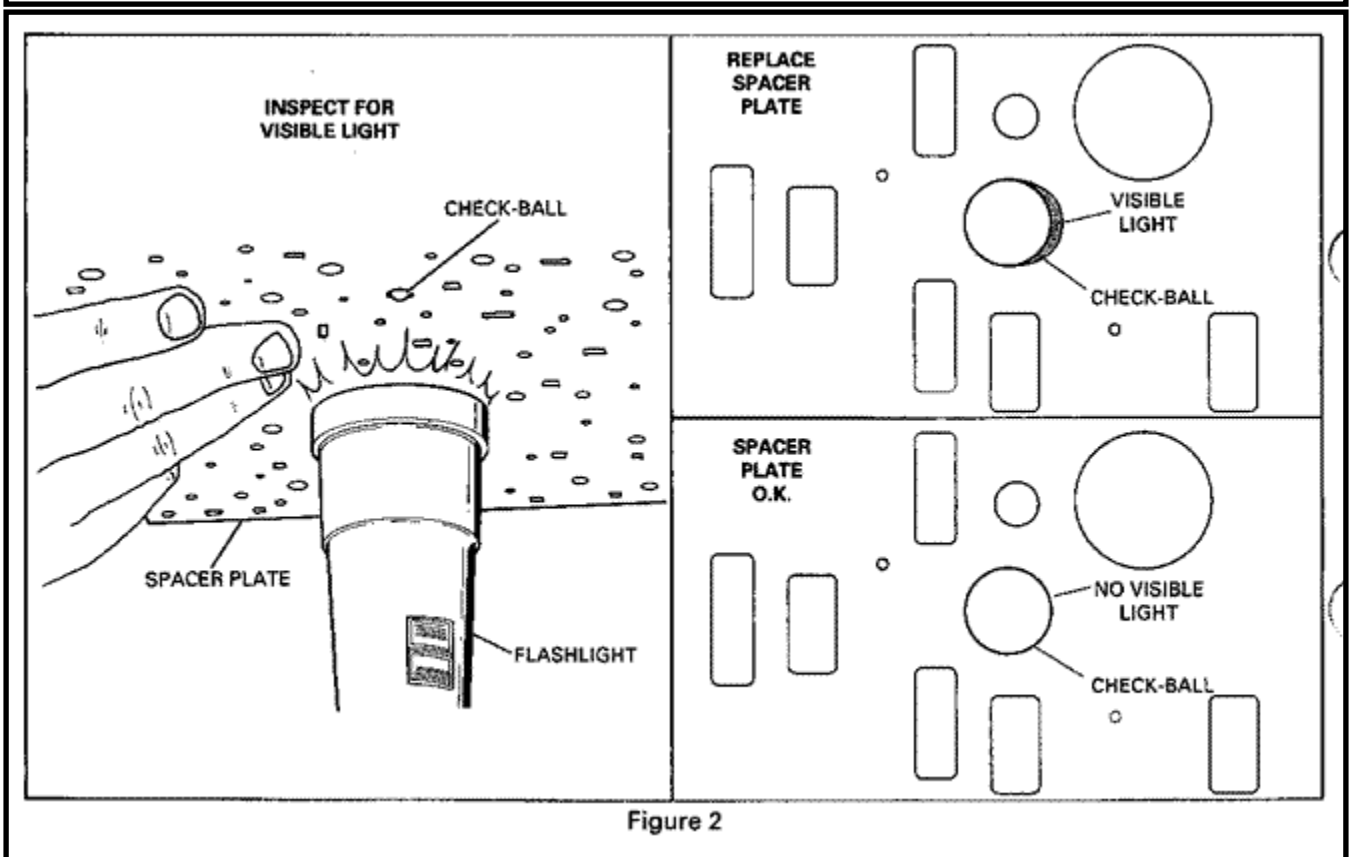


Figure 2

Refer to the HYDRA-MATIC Automatic Transaxle/Transmission Diagnosis or Unit Repair section of your service manual for proper check-ball locations and functions.

General Motors bulletins are intended for use by professional technicians, not a "do-it-yourselfer". They are written to inform those technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions and know-how to do a job properly and safely. If a condition is described, do not assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See a General Motors dealer servicing your brand of General Motors vehicle for information on whether your vehicle may benefit from the information.

© Copyright General Motors Corporation. All Rights Reserved

Online URL:

<https://www.corvetteactioncenter.com/tech/knowledgebase/article/1982-1991-corvette-service-bulletin-evaluating-peened-spacer-plate-service-information-701.html>