

Name _____

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

1) How is a leak through the porous axle housing repaired?

2) How can the gear ratio be determined?

3) What tool is needed to check pinion gear rotating torque?

4) How can the identification of a drive axle be determined?

Answer Key

Testname: MDA8_SHORT13

1) A porous casting can be repaired using epoxy.

Page Ref: 232

2) The axle ratio can often be identified from the tag attached to the axle housing or by the coding on some axles, but not all. The axle ratio can be determined by two other methods including gear tooth count and counting the revolutions of the driveshaft.

Page Ref: 228

3) Measure the torque required to rotate the pinion shaft (pinion and carrier bearing preload) using an inch pound torque wrench.

Page Ref: 236

4) The proper identification can include the following:

- Visual identification (number of bolts used on the cover and the cover design).
- Regular production option (RPO) code identification or service parts identification. This is found on a sticker located in the trunk or glove box in many vehicles.
- Service information and axle identification label on axle assembly.

Page Ref: 227