

Chapter 13

Drive Axle and Differential Diagnosis and Service

D C P M K B C O N T A C T P A T T E R N L R R M B
 I Z N K N C A R I N G G E A R R U N O U T W L R C
 F G L W X R N C Q R D R I V E P I N I O N G E A R
 F E R Y W V L T K G K E G B C H W T Z Y R L T D M
 E A J M Q Q D C B L L G V E G R L V J M Q K A Z D
 R R Q N Z Q Z M E X A B L R A R U J Z L W O L A J
 E M G K K T J R A R H S N K R R V S X T L F O R H
 N A L T C J I E R B W C H W H W O M H E L L D M M
 T R C D N P V D I Y C B H V Y K K I R S E Y Y N W
 I K S T A I W Q N J J T R K A T R P L R L Y M F K
 A I E P R T M W G N B R Y Y N R G O P K Y E T H W
 L N R D M F L V S W P X T M R N I G A L M R E H N
 C G V W K D H T P W R N M P I P N A M D K F H V J
 A C I R R V Y W A J G W C R K I H M T F T Z T L E
 S O C T M J C D C D G Y A Q R N D L H I T E M X Q
 E M E C H N X H E D T E T A X B L M T C O M S L K
 C P S P T B L F R I B M E K K N R B T J C N T T N
 L O P C Q Q T W S N H B K X N J V B A C K L A S H
 E U A Q N K P O O M R D M N R K M X R T N R R F K
 A N C M W K C I N E B L T C W L F M T N K C Y L Y
 R D E V K S N L I V N T V N F R W H R Y K N F H B
 A Q R G I I D R M L L X P K T R P Z D D C D P K N
 N P L V P H R H H R M M B Q J K P Q M M P W N L K
 C N L T Y A G X H T J N M L G P P M X V T N B Y K
 E L J R C Y X N H H H C M K H N K V F R L K M K D

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| API | Drive Pinion Gear |
| Backlash | Gear Marking Compound |
| Backlash Variation | Gear Oil |
| Bearing Spacer | Pinion Bearing Preload |
| Carrier Bearing Preload | Ring Gear Runout |
| Contact Pattern | Road Test |
| Crush Sleeve | Service Spacer |
| Differential Case Clearance | Viscosity |
| Drive Axle | |