

Chapter 13

Drive Axle and Differential Diagnosis and Service

Find the words in the grid. Words can go across, down and in the two forward diagonals.

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

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API	Endplay
Axle ratio	Gear marking compound
Backlash	Gear tooth count
Backlash variation	Leak Detection
Bearing spacer	Pinion bearing preload
Carrier bearing preload	Ring gear runout
Contact pattern	Service spacer
Crush sleeve	Static oil flow
Differential case clearance	U joints
Dynamic oil flow	Viscosity