

Chapter 12

Drive Axles and Differentials

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

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D S L D B N Y R L D M N K R C L I N T E G R A L C A R R I E R
O T L I N T Z G M T W B W L O C K E D D I F F E R E N T I A L
P R Z H M F J R E T A I N E R P L A T E T Y P E A X L E X L P
E A K N N I R L H L C A R R I E R B E A R I N G S P M Z T M X
N D Y T M O T I J K K B R L M M Y P I N I O N G E A R X K J S
D D N D R T N E C D P Y M M K K D L Q E X X W N L T N Q C R P
I L Y X L D I H D T R P J B M H K L O J M X T J J M V Q I L A
F E B F Z E N L U S I V I L T R D T R C H N Z G T P H F K G R
F M D D Z A D T T N L O A T T O R Q U E B I A S R A T I O G T
E O J T L D E Z W N T I N R C X L L N L L P W L M W B N V K I
R U W K D A P V V D T I P M L H F L O A T R L M Y K L A B P A
E N N W W X E B V N G N N D O K L W M N M N S G J W F L X L L
N T J D B L N R E T R P S G I D Y I Z M G L D K C L U D W S L
T I J T K E D R P T X G C X M F I F N T N C N J N H L R K E Y
I N Q T G C E S M H N P N C N T F F Y E H H G K M H L I T M N
A G T V L F N G I I R O M O K B W E I V 1 X D T T T F V T I O
L Z K K F Y T C R D I T I F K L Q J R E J 6 G F C P L E O F N
P P N I Y T R A F T E N H U N T I N G E R Q 8 D X F O M R L H
Q D D Y V T E I C N I G V T H P H M B X N C T N G M A N Q O U
T V L H T B A A N P B Q E S H K D Y T N M T L T L G T C U A N
T N R N E R R Y G G R F A A N B D P P K M P I Y X Y I Z E T T
T J T D Q T S N Z M G L Q E R E R D N O R Y C A Y D N H V I I
R V I J I D U T N R K E S L L S R A Y C I W T Y L N G R E N N
Q S P S V H S F B C R R A X Z G L C L L O D T B F Q A K C G G
P R O T R D P P A R O L A R L F M H Q H M A G G L X X B T A C
G P T E K L E B R T E E Q K H P T M J N M L S E J T L Z O X H
D R V Z B V N N M E V F D K T C H H F T Q R L T A F E T R L V
R O N M Y D S M H I N L R N D B Q C T Y P W Z B S R F D I E G
M B M D K Y I G L G C R R K H F V T D M C L X N K I S N N K C
X N Q R E M O V A B L E C A R R I E R W H F L L K L D E G R K
R Y P G T T N H F Q Y R N T G K X F M D R I V E S I D E T H K

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Backlash	Full floating axle	Non hunting	Side bearings
Carrier bearings	Heel	Open differential	Side gears
Coast side	Hunting	Overhung pinion	Straddle mounting
Dead axle	Hypoid gear set	Partially non hunting	TBR
Differential	Independent rear suspension	Pinion gear	Toe
Drive side	Integral carrier	Pitch line 168	Torque bias ratio
Face	IRS	Positraction	Torque vectoring
Final drive	Limited slip differential	Removable carrier	Torsen
Flank	Live axle	Retainer plate type axle	
Float	Locked differential	Ring gear	
Friction modifier	LSD	Semi floating axle	