

# Chapter 12 - Drive Axles and Differentials

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

CDHKJFTGPYTHTYGYJZNXFYXFMBMRWMLN  
 JZVXDBMBNBXRDPNNKHVNTRAWWWFFLW  
 QLHBINTEGRALCARRIERXBNNFCLGNRFW  
 LVTUFTNPNHEELTZFXLLNPWJKMEOWWOH  
 NSEONLYHXIGHQVYWKJFMPVJNNIKBINY  
 JTLRRTOBRZNLMKTRTDMQBTNOSGMTCLP  
 PREEFSIAFILITXMHLCQXEPINNRAMQYO  
 XACTQLENTVNVONQJPTOVRNEIBRTLMRI  
 LDTANXPNGTDGKNVQDCIAIPTRSMAOMKD  
 ODRINNIBNREFGLGRRRTPSNZAKIWTEQG  
 CLONPVTTYZAWDEMEDJGUUTINTCCLRBE  
 KENEFDCJBNDQCIMALANSHRBSNJLBHGYA  
 EMIRQNHVDKAJZLARURNEELEIWGLLZFR  
 DOCPKKLZGLXGJNMHAOLUNRIPDXKGRS  
 DUTLWDITMQLNIHRENXQOEWBVLEMNIE  
 INRALKNPMYEFXERVARI FMWKLEKMDXCT  
 FTATWGERCNNHVTXGOTFLRFKWCANKZTN  
 FICETMRQWVMONPNTCIVYXRKLGKXRYIL  
 ENTTTTNRLLWWEHIMADZSIDEGEARSLYOC  
 RGIYYRTZTKDSTGRMWMMPTFRJYLPMENL  
 EROPQTZRVNAAQTNDRIVESIDEPBMNLMZ  
 NWNFEKKELOTVQKYFLANKYYMPTGFOY  
 TRCARPYPKLRSVKWMHXXWHYRBGTRXWDB  
 IVOXWCECFKONGTQTMLGWKPFMYBYTLIL  
 AMNLLDALCPREMOVABLECARRIERLPGFB  
 LTTENBLPVXOPENDIFFERENTIALFLHIX  
 YJRIFUFLMLJXQCARRIERBEARINGSMEB  
 QMOWFSIDEBEARINGSDRTFKCMCQRKZRV  
 GCLBRRRNGSEMI FLOATINGAXLEFMNHKW  
 FLIMITEDSLIPDIFFERENTIALRCLGNNZ  
 VHBVPARTIALNONHUNTINGGBNJHCGHVG

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|-----------------------------|-----------------------------|--------------------------|--------------------|
| backlash                    | float                       | locked differential      | ring gear          |
| carrier bearings            | friction modifier           | non hunting              | semi floating axle |
| coast side                  | full floating axle          | open differential        | side bearings      |
| dead axle                   | heel                        | overhung pinion          | side gears         |
| differential                | hunting                     | partial non hunting      | straddle mounting  |
| drive side                  | hypoid gear set             | pinion gear              | toe                |
| electronic traction control | independent rear suspension | pitch line               | torque bias ratio  |
| face                        | integral carrier            | positraction             | torsen             |
| final drive                 | limited slip differential   | removable carrier        |                    |
| flank                       | live axle                   | retainer plate type axle |                    |