

# Chapter 93 Braking System Principles

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

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

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Coefficient of friction

Levers

Energy

Mechanical advantage

Friction

Pedal ratio

Fulcrum

Static friction

Inertia

Weight bias

Kinetic energy

Weight transfer

Kinetic friction

Work

Leverage