

# Chapter 21 Throttle Position (TP) Sensors

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

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

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Clear flood mode

Throttle angle

Five volt reference

Throttle body

Idle air control

Throttle position sensor

MAP

Torque converter clutch

Potentiometer

TP sensor high voltage

Rationality testing

TP sensor low voltage

Regulated voltage

Voltage signal wire

Skewed