

# Chapter 13

## EV And HEV HVAC System

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

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X V T R N R L X B E L T D R I V E N L T L B Q
F T Y V N T I T V V J E V A P O R A T O R S L
S E L H M Q Q H M M Q D E F R O S T N L L M K
T L D E M Y U E Z V F C V Y E R F X V B T J V
A E P A M N I R H M Q Z F D K D M Y L D W K B
T C D T V Y D M R M C F O L K X O N H H K T L
I T Y M R Y - A D H O M A B T J Q G Q G N L N
O R S O R G C L C D C V N I G R Y G M P F T H
N I C D X N O S C A T K A V L Q P F L O T F Q
A C R E N Q O T N A Y X K B B U P G W F D Y W
R A O F P C L O M W B Q V D L M R V M T F E H
Y L L H L O E R J R Y I T N U E C E M F F X P
S L L H B M D A J M C M N P F E S G M N N M G
C Y C X V P C G K W X B T F B L W C S O U T R
R P O W R R O E W P M A P U I M K R R P D D D
O O M L L E N M R K E Z T Y L L E L R O M E Z
L W P T N S D A T H L E K G H S T E H R L J X
L E R L R S E T X T C H R D N C T E J Z N L Z
F R E L X O N E N I D V Y E Y A J Z R T H P B
V E S T G R S R F D G Z D W W T Z Y X W K C T
N D S N N S E I R W J N T P T C H E A T E R S
H N O M T C R A P J O G K D V R M Z M Q K V N
K T R N R O T L Q C K H E V T X M J L L E N K
  
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|----------------------|-------------------------|--------------------------|
| AC mode              | EV                      | Orifice tube             |
| Belt driven          | Evaporators             | PTC heaters              |
| Cabin filter         | Failure mode            | Scroll compressor        |
| Compressors          | Heat mode               | Stationary scroll        |
| Condensers           | Heat pump               | Thermal storage material |
| Defrost              | HEV                     | TXV                      |
| Dog mode             | Liquid-cooled condenser | Water Pump               |
| Electrically powered | Movable scroll          |                          |