

# Chapter 19

## Emission Control Devices Operation And Diagnosis

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

<http://jameshalderman.com>

Adsorption	Leak detection pump	Pup converter
Catalyst	Light off temperature	Rhodium
Catalytic converter	Linear EGR	Smog
Cerium	Mini converter	Smog pump
Check valves	Negative backpressure	Tap test
Digital EGR	Palladium	Thermactor pump
Fuel tank pressure	Platinum	Washcoat
Inert	Positive backpressure	
Infrared thermometer	Preconverter	