

**Mack Models**

Mack Model	PI-Pinnacle , AN-Anthem
-------------------	-------------------------

Volvo Models

Volvo Model	VNR , VNL
--------------------	-----------

Engine family

Engine family	13L Engine , MP8
---------------	------------------

Emission Standard

Emission Standard	US17 , US17+OBD18 , OBD2017 , 2018
-------------------	------------------------------------

**** SOLUTION ****

Title	<i>EXPIRED - Refer to Solution K42766159 - Turbo Compound - Customer Report Of Excessive Air Purging Or Air Compressor Cycling With Vehicle At Idle; Acceptable Secondary Air System Leakdown Time Frame During Extended Idle - US17+OBD16 And Newer Emissions, Common Model Year 2018 And Newer</i>
-------	--

Cause	For vehicles equipped with turbo compound, air from the buffer air valve is used to pressurize the turbo compound rear seal while the engine is at idle to prevent oil leakage. This causes a very gradual drop in air pressure in the secondary air system, resulting in more frequent cycling of the air compressor and air purge.
-------	--

Solution	Secondary Air System pressure will normally drop approximately 20 psi over six minutes of idling.
----------	---

No action is required if the air compressor is cycling a minimum of approximately every 5-6 minutes. This is considered normal.

Solution visibility	Dealer distribution
---------------------	---------------------

Function(s)/component(s) affected

Function affected	air supply
-------------------	------------

Function Group

Function Group	2551 Turbocharger
----------------	-------------------

Conditions

Vehicle operating mode	when stationary
------------------------	-----------------

Administration

Author	UT9246H
--------	---------

Dealer ID	UT9246H
-----------	---------

Last modified by	RU4469V
------------------	---------

Creation date	24-09-2018 17:09
---------------	------------------

Date of last update07-11-2018 17:11

StatusExpired