

TECHNICAL SERVICE BULLETINS, OR TSBs FOR SHORT, ARE NOTIFICATIONS MADE DIRECTLY BY MANUFACTURERS TO HELP AUTOMOTIVE TECHNICIANS DIAGNOSE AND REPAIR COMMONLY REPORTED PROBLEMS. A TSB IS ISSUED BY ARNOTT WHEN THERE IS A GROWING TREND WITH AN UNANTICIPATED ISSUE THAT INSTALLERS NEED TO BE MADE AWARE OF. ARNOTT TECHNICAL SERVICE BULLETINS ARE RECOMMENDED STEPS AND PROCEDURES FOR SPECIFIC PARTS AND OR COMPONENTS THAT SHOULD BE FOLLOWED TO AVOID INSTALLATION PROBLEMS.



*This vehicle contains a "Closed Air Supply System". Replacement of components requires proper adherence to procedures set forth within OE servicing literature. Failure to comply with the OE prescribed procedures can result in component damage and/or failure.*

## REFER TO THE VALVE BLOCK DIAGRAMS IN THIS TSB THAT ARE SPECIFIC TO YOUR VEHICLE

### VALVE BLOCK - AIR LINE DIAGRAM

- AIR LINE DIAGRAM FOR: 2012-2020 JEEP GRAND CHEROKEE (WK2) 2013-2018  
2013-2018 RAM 1500 (DS) 2500 (DJ) 3500 (D2) (FIGURE 1)

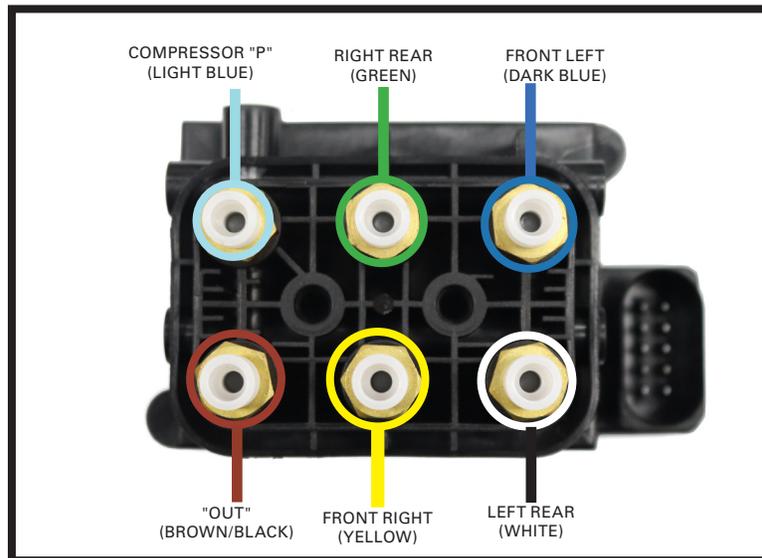


FIGURE 1

## SEE REVERSE FOR ADDITIONAL APPLICATIONS

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## IMPORTANT NOTICE TSB#83 VALVE BLOCK AIR LINE DIAGRAMS

2. AIR LINE DIAGRAM FOR: 2003-2010 PORSCHE CAYENNE (9PA)  
2007-2015 AUDI Q7 (4L)  
2004-2010 VW TOUAREG (7L) (FIGURE 2)

VEHICLES MAY HAVE MARKED PLATE/BRACKET SHOWING LOCATION OF COLORED AIR LINES.

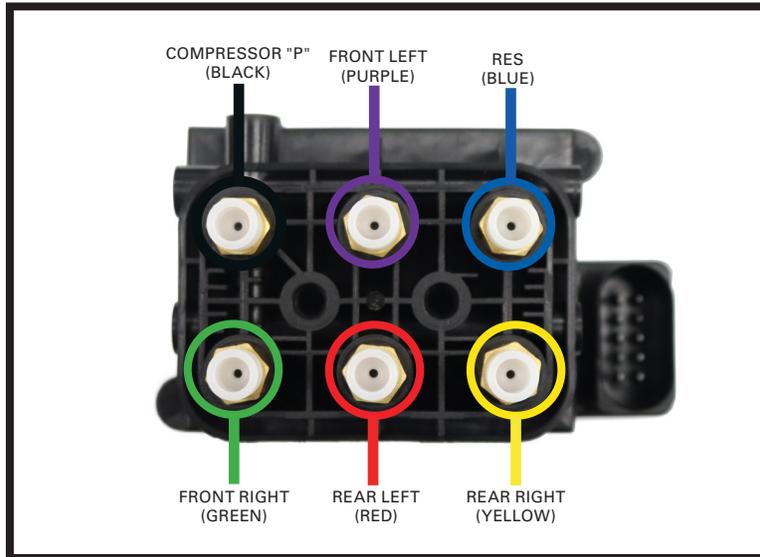


FIGURE 2

3. AIR LINE DIAGRAM FOR: 2010-2016 PORSCHE PANAMERA (970) EXCL. HYBRID  
2016-2020 VOLVO XC90 (SPA)  
2018-2020 VOLVO XC60 (SPA)  
2011-2018 PORSCHE CAYENNE (92A) (FIGURE 3)

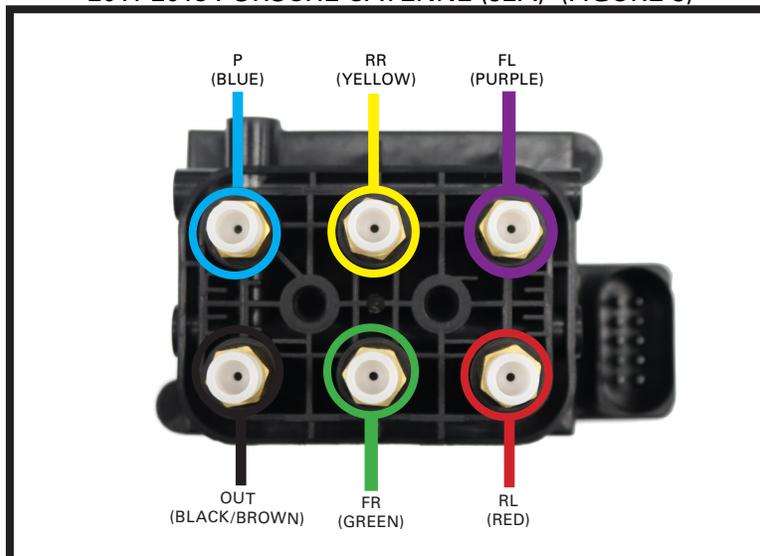


FIGURE 3

## SEE REVERSE FOR ADDITIONAL APPLICATIONS

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