


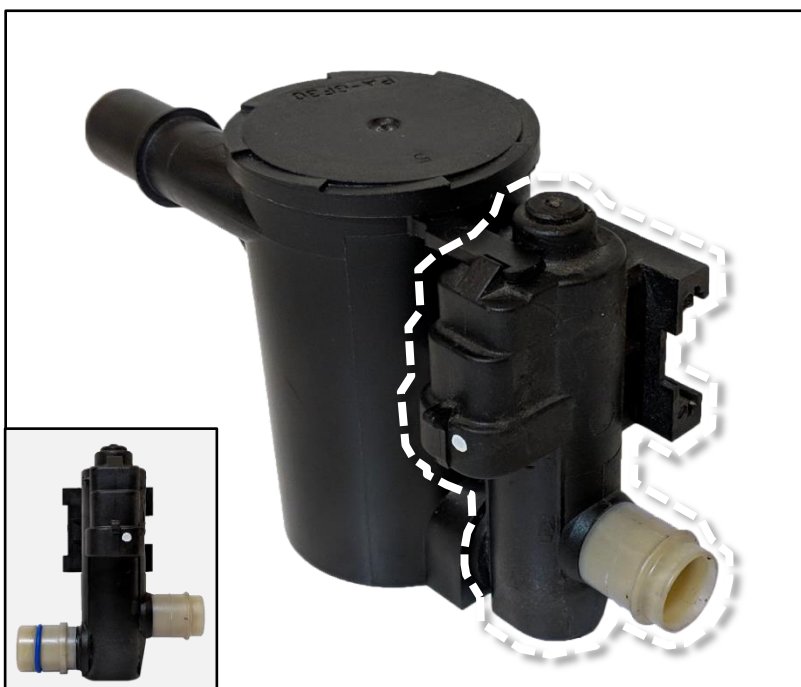
|   |                      |  |
|---|----------------------|--|
|  | GROUP<br><b>FUE</b>  | MODEL<br><b>2012-2017MY<br/>Rio (UB)</b> |
|   | NUMBER<br><b>040</b> | DATE<br><b>April 2018</b>                |
| <b>TECHNICAL SERVICE BULLETIN</b>   |                      |  |
| <b>SUBJECT: CANISTER CLOSE VALVE (CCV) REPLACEMENT</b>                            |                      |  |

This bulletin provides the procedure to replace the Canister Close Valve (CCV) on some 2012-2017MY Rio (UB) vehicles, produced from June 21, 2011 through March 28, 2016, which may exhibit the engine warning lamp DTCs P0455 and P0456 for an evaporative emission system leak due to the Canister Close Valve (CCV) stuck open. Follow the procedure outlined in this bulletin to replace the CCV with an improved part. Before conducting the procedure, verify that the vehicle is within the affected production date range.

DTC (Diagnostic Trouble Code):

**P0455** – Evaporative Emission System Leak Detected (Large Leak)

**P0456** – Evaporative Emission System Leak Detected (Small Leak)



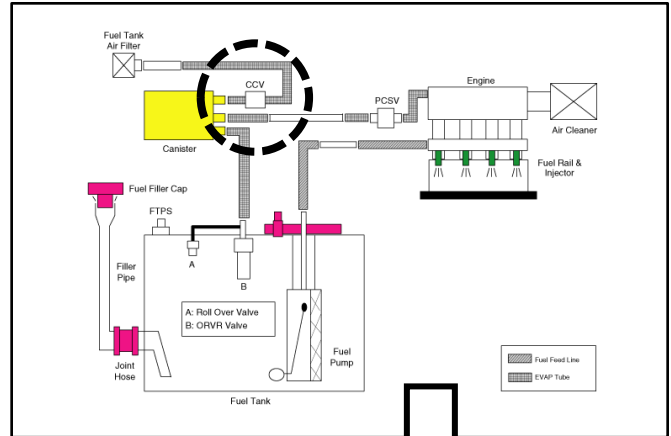
Canister Close Valve  
(CCV)

**File Under: <Fuel>**

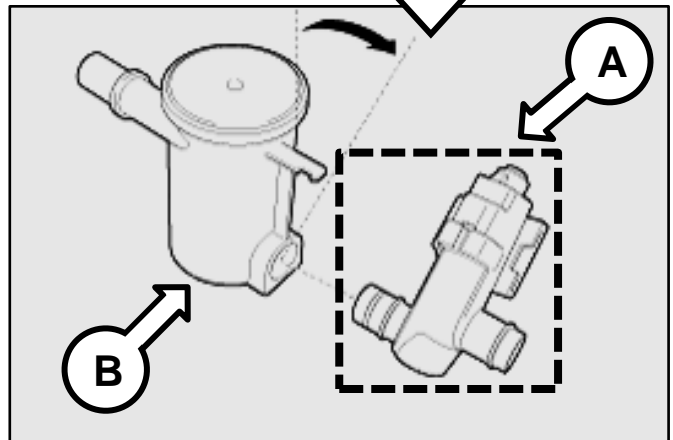
**Circulate To:**    ☒ General Manager    ☒ Service Manager    ☒ Parts Manager  
☒ Service Advisors    ☒ Technicians    ☒ Body Shop Manager    ☒ Fleet Repair

**Replacement Procedure:**

1. Replace the Canister Close Valve (A) by referring to the “Engine Control / Fuel System → Engine Control System → Canister Close Valve (CCV) → Repair procedures” chapter in the applicable Shop Manual on KGIS.



The Canister Close Valve (A) is a separate part from the Fuel Tank Air Filter assembly (B) where it is inserted.



Improved CCV: Rubber seal material change and port color change (black to tan) as shown.



Old CCV

New CCV


## SUBJECT:

## CANISTER CLOSE VALVE (CCV) REPLACEMENT

## AFFECTED VEHICLE RANGE:

| Model    | Production Date Range                |
|----------|--------------------------------------|
| Rio (UB) | June 21, 2011 through March 28, 2016 |

## REQUIRED PART:

| Part Name                  | Part Number    | Figure  |
|----------------------------|----------------|---|
| Canister Close Valve (CCV) | 31453 3K600FFF |  |

## WARRANTY INFORMATION:

N Code: I3A C Code: ZZ4

| Claim Type | Causal P/N  | Qty. | Repair Description                        | Labor Op Code | Op Time | Replacement P/N | Qty. |
|------------|-------------|------|---|---------------|---------|-----------------|------|
| W          | 31453 3K600 | 1    | (CCV)<br>Canister Close Valve Replacement | 31453F01      | 0.4 M/H | 31453 3K600FFF  | 1    |