 <h1 style="text-align: center;">TSB-Local</h1>	Model	Rio [JB](2009MY), Rio [JB](2010MY), Rio [JB](2011MY)
	Group	Suspension System(21)
	TSB No.	KCE10-21-P120-JB;C21VA
Subject <h2 style="text-align: center;">Rio (JB) Front Strut Noise Repair</h2>	Published	12/6/2010
	TSB Type	Service Action
	Area & Distributor	U.K (C21VA)

1. Description

Condition:

Some RIO (JB) vehicles might experience creaking noise emanating from the front strut when passing over a speed bump.

Cause:

Dust cover rubbing on strut insulator assembly.

Countermeasure:

Apply urethane sealant to the top of the front strut dust cover on both sides following the Service Procedure below.

2. Applicable Vehicles

Model: RIO (JB) vehicles in stock

Applicable vehicle production date range: From Jan. 1, 2008 to May. 13, 2010

Applicable VIN range:: From KNADE243296446115 to KNADH411AA6724792

* If the VIN is not in the VIN list or in stock, please follow the another TSB (KFE10-21-P110-JB).

3. Parts Information

PARTS REQUIRED

PART NAME	PART NUMBER	REMARK
Urethane Sealant (Including 3 nozzles)		Product: HENKEL, MS930
	HKL-MS930QQK	

- Tool & equipment required

Sealant Gun



4. Operation Code And Time

OP CODE	OPERATION	OP TIME	NATURE	CAUSE
100054R0	URETHANE SEALANT APPLICATION ON UPPER OF FRONT STRUT COVER	0.3 M/H	* N 29	** C10

*** Parts (Urethane Sealant) expense can be covered by sublet (\$1/unit) regardless of purchase from**

local supplier or MOBIS.

Warranty claims must be processed immediately following the repair.

All Campaign claims must be entered via the new Global Warranty Management System (GWMS) using the following process.



1. From the home page of the GWMS select the 'Claim Process' tab.
2. Select from the Claim Process Menu (LH toolbar) the 'Claim Create' option.
3. Enter the VIN and 'click' on the 'Inquiry' icon.
4. When the system has loaded the VIN, double click on the VIN.
5. From the Campaign list click on the corresponding campaign number.
6. Complete the blank fields on the preformed claim and select the correct operation code from the drop down menu applicable to the repair carried out.
7. Click on 'save' and then 'submit'.

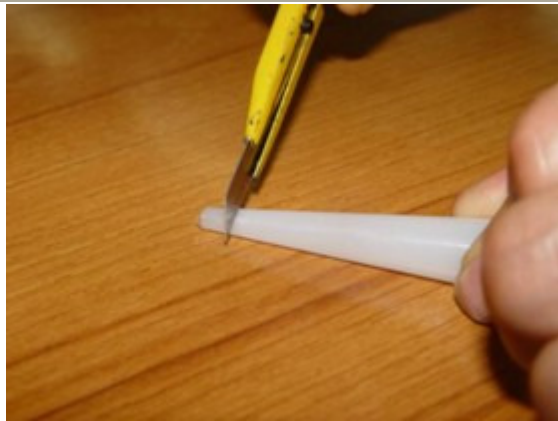
5. Service Procedure

Note:

Before conducting the procedure, verify that the vehicle is an affected one by identifying the VIN.

PREPARATION (Setting Urethane sealant to gun)

1) Using a screwdriver open the bottom cover of the urethane sealant and remove a desiccant.	2) Using a screwdriver open the inlet cover. Dip the screwdriver end in urethane sealant and apply sealant around the outside of the inlet.
	
3) Cut the sealant nozzle end about 12mm with a cutter.	4) Install the nozzle to the inlet of the urethane sealant.

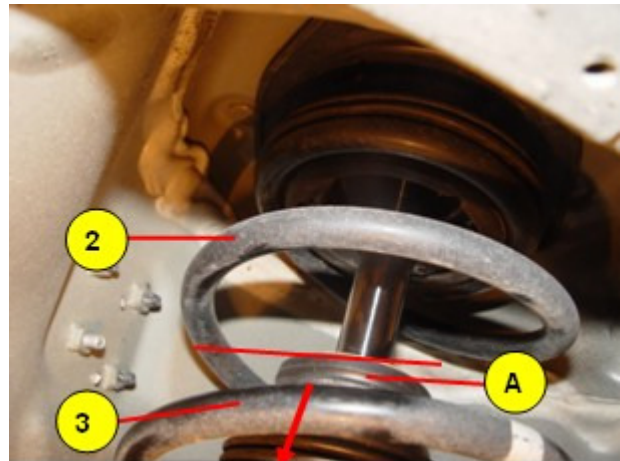


5) Set the urethane sealant to the sealant gun as shown on the photo.



■ APPLYING URETHAN SEALANT

1. Raise the vehicle and locate the front left suspension strut dust cover (A).
2. Pull down the dust cover located between the second and third spring coils by hand.

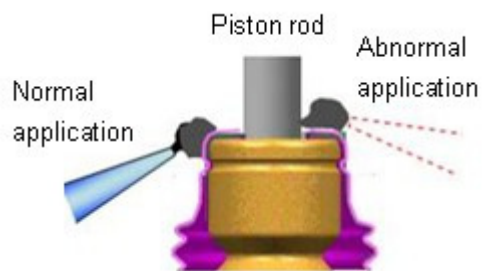


3. Clean the upper part of the strut dust cover with a shop towel.



4-1. Apply urethane sealant on the outside of the upper part of the dust cover as shown on the illustration below.

Caution:
Be careful not to contaminate the piston rod with urethane sealant.



4-2. Turn the dust cover applying urethane sealant all round the dust cover.



This photo shows normal application of urethane sealant.



5. Push up the dust cover (B) to reach the insulator assembly (C).

6. Repeat all above procedures for the right front strut dust cover.

7. After completing the sealant application, preserve the urethane sealant to use on other vehicles.

