SURVEILLANCE IN-USE TESTING
MAINTENANCE BEFORE FTP

2012 Kia Soul Vehicle Number R311RXX-0097

VIN _v EX.6 PII

VEHICLE MODEL SOUL ENGINE FAMILY CKMXV02.0LWS
ENGINE CODE/CALIBRATION — TRANSMISSION AUTO FWD
(Speeds M/T **OR** Auto)
ODOMETER 5792 EVAP FAMILY CKMXR0096PDL
DATE 6-27-12 TIME 1410

NOTES: If any of the following items are not applicable to the vehicle being inspected, mark N/A.

1. Record the following information:
   a. Vehicle build date 09-11

   b. Actual tire sizes Left Front P235/45R18 Right Front P235/45R18

   Left Rear P235/45R18 Right Rear P235/45R18

   c. GWR 3880 Front 2160 Rear 2138

   d. Total vehicle weight 2959 W/FULL FUEL TANK

   e. COLOR: Exterior BROWN Interior BLACK/BROWN

2. Visually inspect the vehicle for:

   a. Signs of obvious tampering. ✓ none found

   _____ if yes: describe _____

   b. Signs of damage ✓ none found

   _____ if yes: describe _____

   c. Addition of aftermarket parts ✓ none found

   _____ if yes: describe _____

3. Check oil level. (When changing or adding oil use API service classification recommended by vehicle-manufacturer.)

   _____ oil level is in the "acceptable" zone
   _____ oil level is below the "acceptable" zone
   ✓ oil level is above the "acceptable" zone

FINAL
QC APPROVAL
INIT: ARG DATE 6/28/12

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oil added _____ (amount)
oil removed 700 ML (amount)
Record how excess was removed _____

4. Check for unusual or uneven tread wear. ✓ none found _____ unusual wear found.

If found, describe: _____

CALL E.O. IF THE ANSWER TO ANY OF THE ABOVE QUESTIONS WAS "YES"

5. Check tread wear. ____ Original tread depth 9/32 FR 9/32 FL 9/32 RR 9/32 RL

CALL EO IF THE TREAD DEPTH IS LESS THAN 50% OF ORIGINAL TREAD DEPTH

6. Check tire pressure. Fill tires to manufacturer-specified pressure.

33 MFR Pressure ✓ FR ✓ FL ✓ RR ✓ RL (check when done)

7. List any comments relevant to the inspection performed on this vehicle:

NONE

8. Any noticeable brake drag on the wheels? Y/N FR Y/N FL Y/N RR Y/N RL

9. Contact EPA In-use team member for inspection of vehicle while it is on the hoist. ✓

10. Brakes ✓ Disc ____ Drum

11. Weigh the vehicle: 883 RF 921 LF 585 RR 570 LR

12. Verify alignments for all 4 wheels _____ RF ____ LF ____ RR ____ LR
Properly align wheels if necessary _____ SEE ATTACHED SHEET

Date and Time completed 6/28/12 06:30

Signature of mechanic and observers:

MECHANIC EPA MANUFACTURER

R311RXX-0097

Bella Tire #49
3501 Washtenaw Avenue
Ann Arbor, MI 48104
734-973-6300

Work Order ID R040013
Customer Number 441
Time Printed 6/27/12 12:42 PM

Kia : Soul : 2010-11

Front : Left

Actual	Before	Specified Range	
-0.6°	-0.6°	-1.8°	0.9°
3.5°	3.5°	3.0°	4.0°
0.00°	**-0.16°***	-0.10°	0.10°
14.7°*	**14.8°***	12.0°	13.0°
14.1°*	**14.1°***	11.0°	13.0°
.....	.....	.....	.....

Front : Right

Actual	Before	Specified Range	
-0.4°	-0.5°	-1.0°	0.0°
2.8°*	**2.8°***	3.0°	4.0°
0.07°	0.00°	-0.10°	0.10°
14.7°*	**14.7°***	12.0°	13.0°
14.2°*	**14.2°***	11.0°	13.0°
.....	.....	.....	.....

	Actual	Before	Specified Range	
Camber	-0.4°	-0.5°	-1.0°	0.0°
Caster	2.8°*	2.8°*	3.0°	4.0°
Toe	0.07°	0.00°	-0.10°	0.10°
SAI	14.7°*	14.7°*	12.0°	13.0°
Included Angle	14.2°*	14.2°*	11.0°	13.0°
Turning Angle Diff.	.....	.....	.....	.....

Front

	Actual	Before	Specified Range	
Cross Camber	-0.2°	-0.2°	.....	.....
Cross Caster	0.7°	0.7°	.....	.....
Cross SAI	0.1°	0.1°	.....	.....
Total Toe	0.07°	-0.15°	-0.20°	0.20°
Cross Turn Diff.	.....	.....	.....	.....

Rear : Left

Actual	Before	Specified Range	
-1.6°	-1.6°	-2.0°	-1.0°
0.25°	0.25°	0.10°	0.30°

Rear : Right

Actual	Before	Specified Range	
-1.3°	-1.3°	-2.0°	-1.0°
0.01°*	**0.01°***	0.10°	0.30°

	Actual	Before	Specified Range	
Camber	-1.3°	-1.3°	-2.0°	-1.0°
Toe	0.01°*	0.01°*	0.10°	0.30°

Rear

	Actual	Before	Specified Range	
Cross Camber	-0.3°	-0.3°	.....	.....
Total Toe	0.26°	0.26°	0.20°	0.60°
Thrust Angle	0.12°	0.12°	.....	.....

* This value is not within specifications. Tire wear, handling and safety [illegible]