

**SUBJECT: Chassis Exhaust Wraps For
Some Crosswind J T4i, J T4F,
and JS units**

DATE: 04/01/2019
NUMBER: SB-0217-C

**TO: All Dealer Principals, Service Managers, and
Parts Managers**

**Expiration Date:
Upon Completion**

PURPOSE:

- Certain Crosswind J T4i, J T4F, and JS sweepers mounted on Freightliner M2 chassis require the chassis engine exhaust pipe to be covered with an insulating wrap. There are three different FSO kits for different groups of sweepers. This bulletin updates the prior SB-0217 bulletin. Sweepers that have had the 1129387 FSO kit installed will need to be updated with the new FSO kit 1131756.

- All affected sweepers must have the insulation wraps properly installed. The new 1131756 FSO kit replaces the 1129387 FSO kit and is effective for the same group of sweepers as listed on page 6. FSO kits 1129623 and 1129619 are effective for the sweeper groups listed on pages 7 and 8 respectively.

UNITS TO SERVICE:

See the serial number lists on pages 6, 7, and 8 to find the appropriate FSO kit.

SPECIAL TOOLS:

None

WARRANTY COVERAGE:

See Chart on page 5

PARTS REQUIRED:

Part No.	Qty.	Description	Warranty Group
1131756	1	FSO-FWD WRAP LONG - J T4i and T4F	SB-0217-B1a
1129623	1	FSO-FRONT/MID HEAT WRAP - J	SB-0217-B2
1129619	1	FSO-MID HEAT WRAP M2 - JS	SB-0217-B3

PROCEDURE:

- Identify and order the correct FSO kit for each affected serial number. Elgin S/N and FSO are listed on pages 6, 7, and 8 of this bulletin.
- Install the new FSO Wrap on the affected sweepers as instructed in the drawing included with each kit.

- Verify that the correct FSO kit is being installed on the unit. Check with the serial number lists by FSO kit on pages 6, 7, and 8. See the table below that compares the kit contents and applications. All the wraps have the Elgin part number on a tag on the wrap. See FIGURES 1, 2, and 3 for photographs of the parts.

FSO KIT CONTENTS

FSO No.	Includes Front Wrap P/N	Includes Mid Wrap (P/N)	Use on Chassis With:
1131756	1131546	NONE	SB-0217-B1a
1129623	1128118	1129213	SB-0217-B2
1129619	NONE	1129213	SB-0217-B3

PROCEDURE (Continued):

4. If a 1128118 wrap was installed on a unit that now requires FSO kit 1131756, the 1128118 wrap must be removed and discarded. FSO 1131756 must be installed.
5. Follow the instructions on the FSO Kit drawings. Contact FS Depot if you did not receive the drawing with the parts. The instructions are summarized here.
6. Look for accumulated debris under the cab. If there is debris, show the customer what has accumulated and instruct them to follow maintenance instructions in manuals provided to them, including thorough cleaning and washdowns on a daily basis.

Any accumulated debris under the cab must be removed prior to installing the wraps.

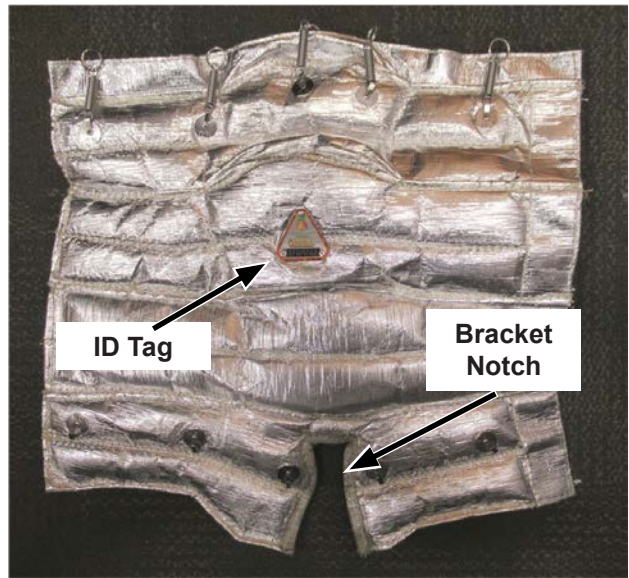


FIGURE 2 - 1128118 WRAP, FORWARD

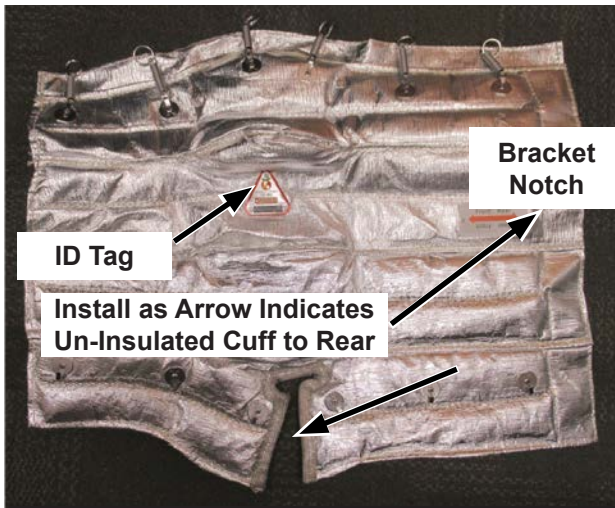


FIGURE 1 - 1131546 WRAP, FORWARD LONG

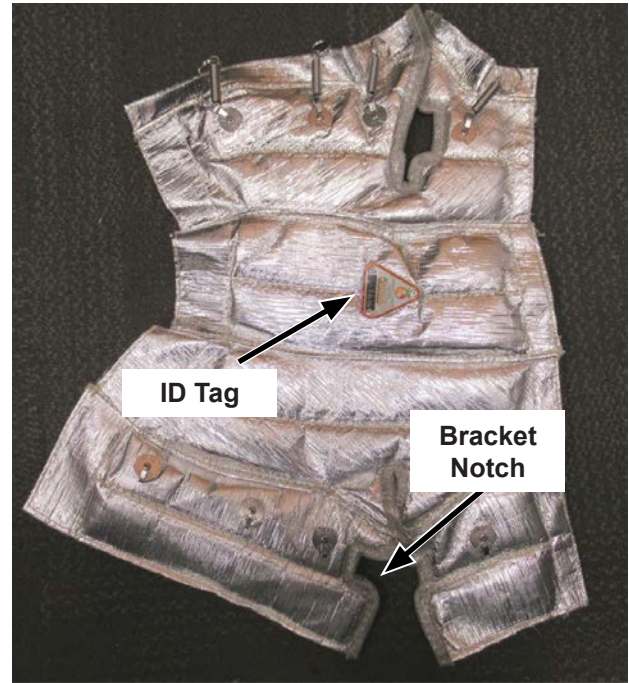
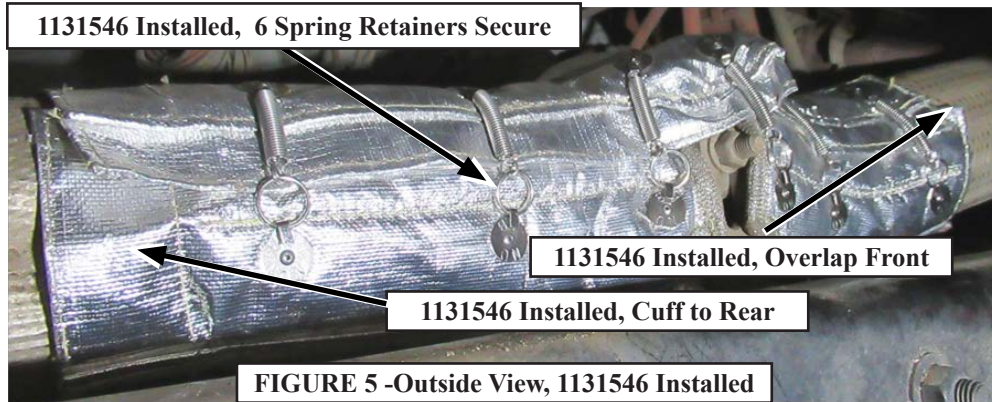
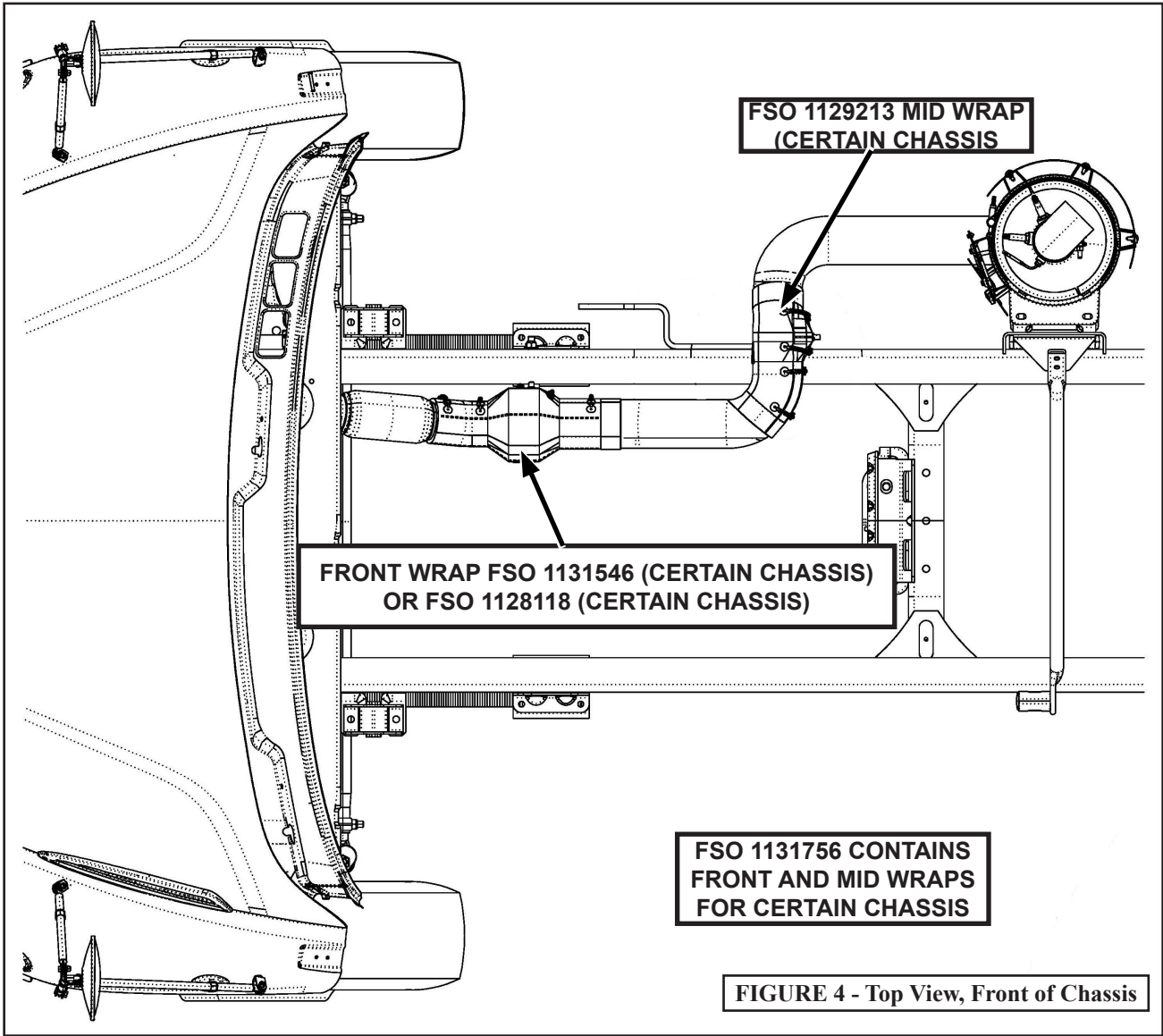


FIGURE 3 - 1129213 WRAP, MID

Chassis Verification for Installation

FSO Kit Number.	Includes Front Wrap.	Includes Mid Wrap	Used on Chassis with:
1131756	1131546	NONE	Aluminum Colored Pipe Insulation
1129623	1128118	1129213	Black Colored Pipe Insulation
1129619	NONE	1129213	Black Colored Pipe Insulation



Front Wrap Installation

1. For units with Allison RDS 2500 transmissions, access to the chassis engine exhaust may be easier from the left side over the top of the transmission.
2. For units with Allison RDS 3500 transmissions, access to the chassis engine exhaust may be easier from the bottom and right side.
3. See P/N 1131546, FIGURES 4, 5, 6, and 7. See P/N1128118, FIGURES 4, 8 and 9.
4. The 2" un-insulated cuff must be to the rear. FIGURES 1 and 5
5. Start with the silver side down and slide the wrap under the exhaust pipe from the inboard side.
6. Slide the support bracket notch in the wrap around the bracket.
7. Wrap the insulation tightly around the exhaust pipe with the springs to the top.
8. Hook the springs to the corresponding hooks.

Criteria for proper installation of front wraps:

1. The 2" un-insulated cuff must be to the rear of the front wrap.
2. The 1" un-insulated edge must overlap on top of the insulated edge.
3. All springs must be hooked.
4. The part number ID tag and installation aid tag should be at the 9 o'clock index position when looking from the rear of the pipe. See Figures 5 and 6 for the P/N11311546 installation and Figure 9 for the P/N1128118 installation.
5. No chassis exhaust pipe surface can be exposed along the length of the wrap.
6. No chassis exhaust pipe surface can be exposed at the rear of the front wrap.

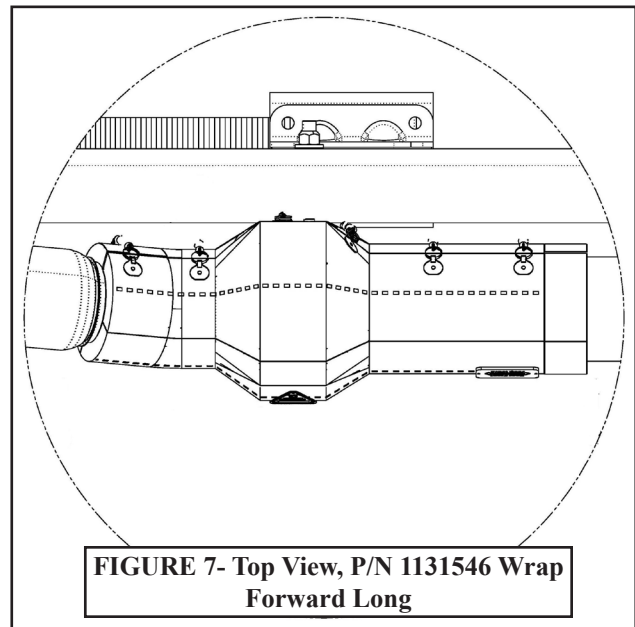


FIGURE 7- Top View, P/N 1131546 Wrap Forward Long

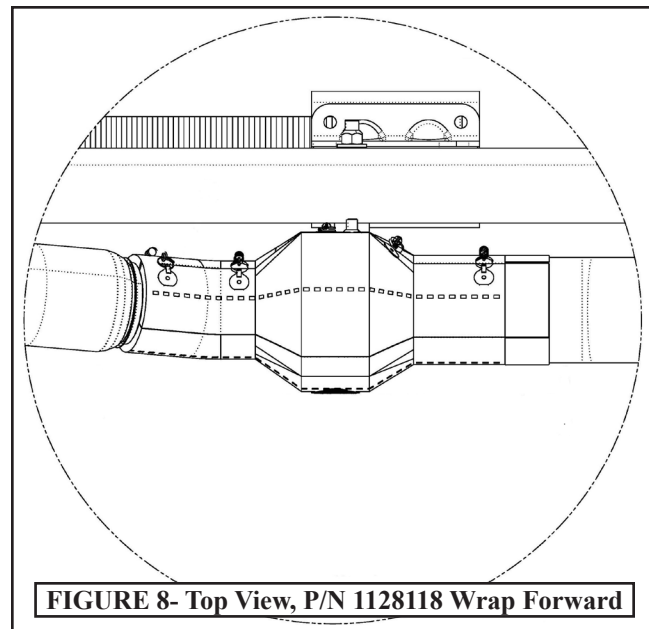


FIGURE 8- Top View, P/N 1128118 Wrap Forward

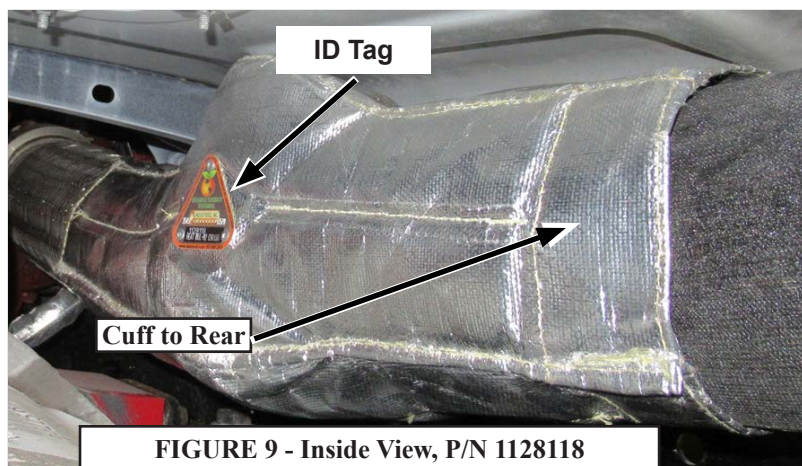


FIGURE 9 - Inside View, P/N 1128118

Mid Wrap Installation

1. See FIGURES 10 and 11.
2. With the silver side down, slide the wrap under the pipe from the front.
3. Slide the support bracket notch around the bracket.
4. Wrap the insulation tightly around the exhaust pipe with the springs to the rear.
5. Hook the springs, two inboard, two outboard.
6. All springs must be hooked.

Criteria for proper installation of mid wraps:

1. The 2.0" un-insulated cuff must be inboard.
2. The 1.0" un-insulated cuff must be outboard.
3. The wrap must be located so that the springs are arranged with two inboard and two outboard.
4. All springs must be hooked.
5. There can be no exposed exhaust pipe after the wrap is installed.

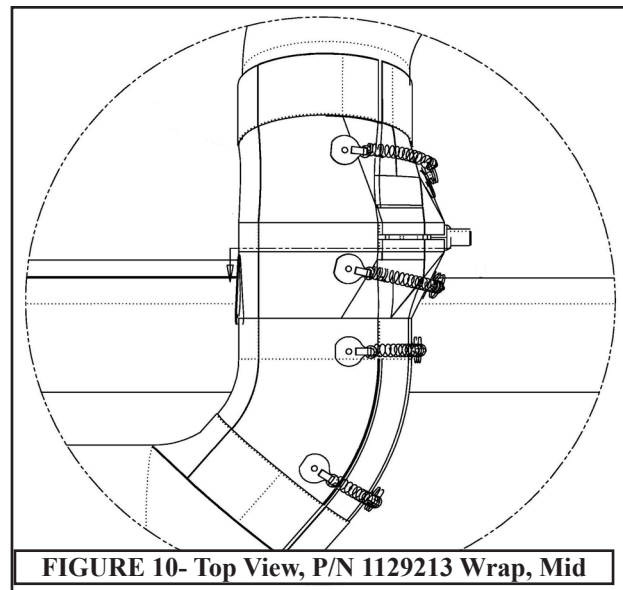


FIGURE 10- Top View, P/N 1129213 Wrap, Mid

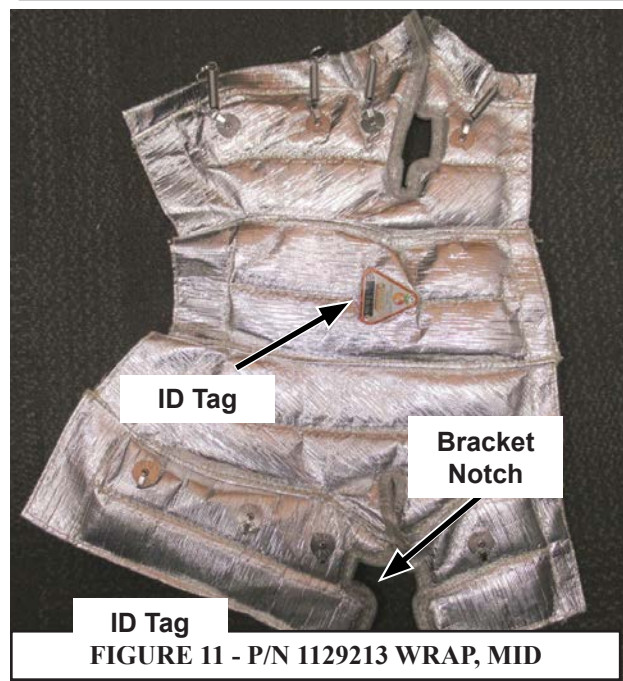


FIGURE 11 - P/N 1129213 WRAP, MID

Warranty Coverage and Claim Submittal

The ESG dealer should submit a warranty claim for SB-0217-B1a, SB-0217-B2, or SB-0217-B3 upon completion for any of the affected serial numbers.

Use the unit serial number and Service Bulletin number for warranty submission in the new warranty system. The former warranty hierarchy is no longer required.

- Dealer must submit a legible photo with identifying serial number (file name) of the properly installed wrap for each completed unit (as in FIGURES 6, 9, and 10). Warranty coverage will be denied if the installation is improper.
- Request an RMA for any unused FSO 1129387 and return it for credit.
- 1.5 Hours is allowed for installation of FSO 1131756 - Submit Warranty claim as SB-0217-B1a
- 2.5 Hours is allowed for installation of FSO 1129623 - Submit Warranty claim as SB-0217-B2
- 1 Hour is allowed for installation of FSO 1129619 - Submit Warranty as SB-0217-B3

FSO 1131756 – Affected Serial Number List

Submit Warranty Claim as SB-0217-B1a

(Units that had FSO kit 1129387 installed must be reworked to new FSO Kit 1131756.)

J4001D	J40506	J40694	J40850	J40970	J41176
J40092	J40508	J40697	J40851	J40971	J41180
J40187	J40510	J40698	J40870	J40972	J41199
J40305	J40516	J40699	J40871	J40973	J41201
J40343	J40517	J40700	J40872	J40975	J41203
J40344	J40518	J40701	J40873	J40987	J41204
J40345	J40561	J40726	J40874	J40991	J41214
J40350	J40567	J40728	J40875	J40997	J41239
J40351	J40569	J40729	J40880	J41032	J41241
J40356	J40580	J40734	J40882	J41035	J41244
J40357	J40595	J40735	J40884	J41037	
J40358	J40606	J40748	J40886	J41044	
J40359	J40608	J40750	J40892	J41046	
J40360	J40609	J40757	J40895	J41065	
J40361	J40614	J40759	J40896	J41066	
J40364	J40615	J40764	J40897	J41067	
J40365	J40617	J40767	J40908	J41069	
J40366	J40619	J40790	J40922	J41076	
J40367	J40620	J40791	J40925	J41082	
J40368	J40638	J40796	J40926	J41083	
J40369	J40643	J40800	J40928	J41088	
J40407	J40650	J40802	J40929	J41089	
J40409	J40653	J40803	J40930	J41097	
J40410	J40656	J40804	J40936	J41101	
J40413	J40657	J40805	J40937	J41106	
J40414	J40658	J40806	J40938	J41110	
J40416	J40662	J40809	J40939	J41112	
J40417	J40663	J40810	J40940	J41113	
J40418	J40664	J40811	J40941	J41115	
J40419	J40665	J40812	J40943	J41118	
J40421	J40666	J40814	J40945	J41124	
J40422	J40672	J40815	J40959	J41133	
J40447	J40673	J40829	J40964	J41145	
J40451	J40674	J40830	J40965	J41148	
J40466	J40679	J40831	J40966	J41152	
J40493	J40684	J40832	J40967	J41156	
J40500	J40686	J40833	J40968	J41160	
J40501	J40688	J40836	J40969	J41169	

FSO 1129623 – Affected Serial Number List

Submit Warranty Claim as SB-0217-B2

J41072	J41308
J41073	J41312
J41086	J41317
J41116	J41327
J41117	J41330
J41128	J41331
J41129	J41332
J41139	J41333
J41142	J41357
J41151	J41366
J41185	J41367
J41188	J41368
J41189	J41369
J41190	J41371
J41191	
J41194	
J41197	
J41215	
J41228	
J41245	
J41246	
J41247	
J41250	
J41252	
J41254	
J41258	
J41259	
J41260	
J41267	
J41268	
J41269	
J41281	
J41286	
J41287	
J41295	
J41296	
J41298	
J41300	
J41306	
J41307	

**FSO 1129619 – Affected Serial Number
List
Submit Warranty Claim as SB-0217-B3**

- JS41219
- JS41220
- JS41221
- JS41222
- JS41223
- JS41224
- JS41226
- JS41230
- JS41232
- JS41233
- JS41234
- JS41236
- JS41248
- JS41261
- JS41262