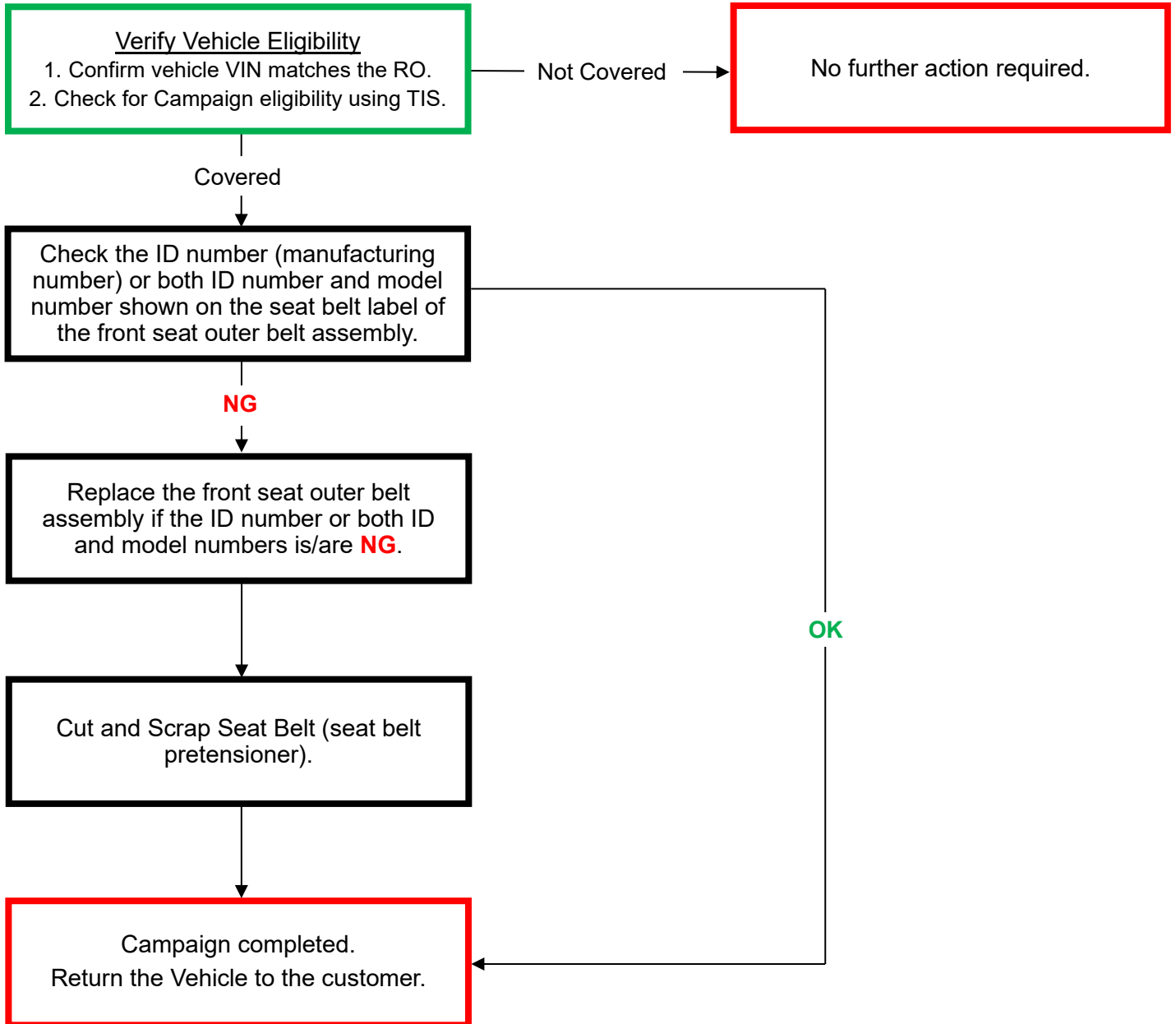


TECHNICAL INSTRUCTIONS
FOR
EQUIPMENT RECALL 22TH01
FRONT LH SEAT OUTER BELT ASSEMBLY
INSPECTION AND REPLACEMENT
2001-2007 MODEL YEAR HIGHLANDER

I. OPERATION FLOW CHART

The flow chart is for reference only. **DO NOT** use it in place of the full technical instructions. Follow **ALL** steps as outlined in the full technical instructions to confirm the campaign is completed correctly.



II. IDENTIFICATION OF AFFECTED VEHICLES

1. CHECK VEHICLE FOR CAMPAIGN ELIGIBILITY

- Compare the vehicles VIN to the VIN listed on the Repair Order to ensure they match.
- Check the TIS Vehicle Inquiry System to confirm the VIN is involved in this Campaign, and that it has not already been completed.

HINT:

TMNA warranty will not reimburse dealers for repairs completed on vehicles that are not affected or were previously completed, even by another dealer.

III. PREPARATION

A. PARTS (IF NG)

Part Number	Part Description	Quantity	Model	Color
73220-48040-A0	Front Seat Outer Belt Assembly LH	1	HIGHLANDER	IVORY
73220-48110-A0	Front Seat Outer Belt Assembly LH	1	HIGHLANDER	IVORY
73220-48110-B0	Front Seat Outer Belt Assembly LH	1	HIGHLANDER	GRAY

Parts are only required if the inspection result is NG.

Please refer to Electronic Parts Catalog to obtain the Part Number according to the VIN.

B. TOOLS & EQUIPMENT (IF NG)

- Standard hand tools
- Torque wrench
- Techstream

C. MATERIALS (IF NG)

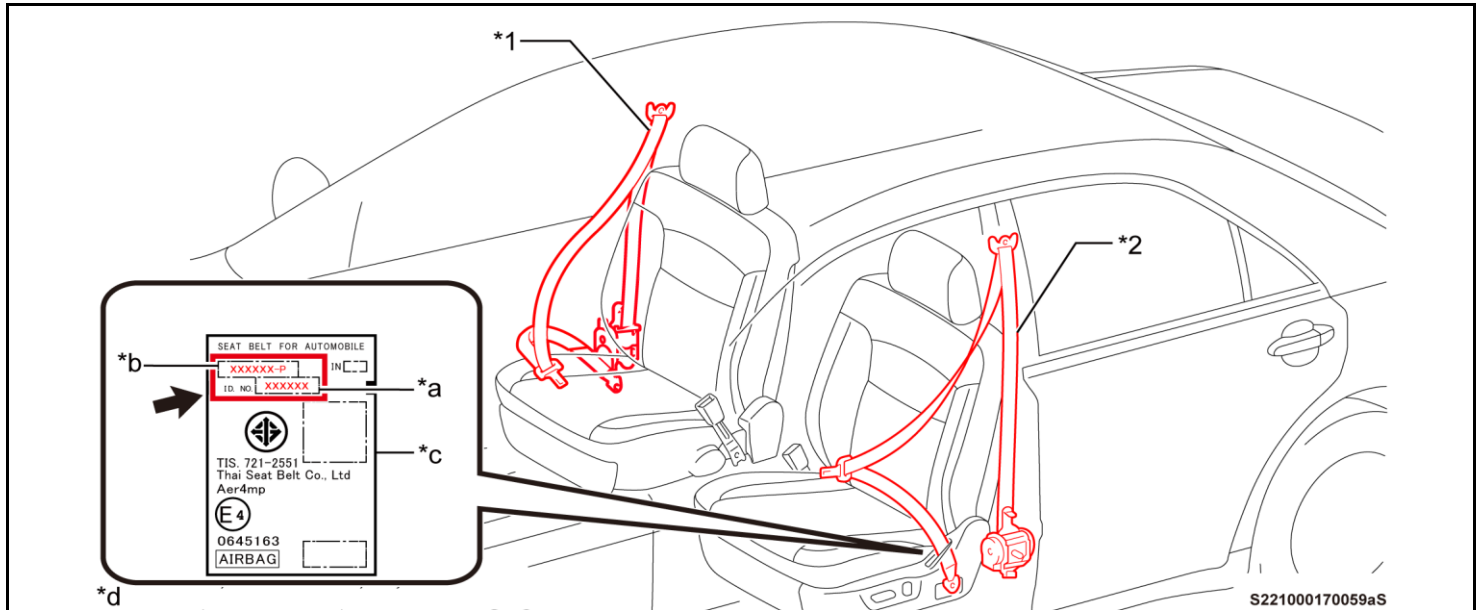
- Protective gloves
- Protective tape
- Marker pen

IV. WORK PROCEDURE TABLE OF CONTENTS

INSPECT FRONT SEAT OUTER BELT ASSEMBLY.....	SECTION V
COMPONENTS (IF NG)	SECTION VI
REPLACE FRONT SEAT OUTER BELT ASSEMBLY (IF NG)	SECTION VII
DESTROY OR SCRAP FRONT SEAT OUTER BELT ASSEMBLY (SEAT BELT PRETENSIONER)	SECTION VIII
APPENDIX.....	SECTION IX

BACKGROUND

A component in the subject front seat belt assemblies may not have been manufactured properly and may cause the seat belt to not operate as designed. This can increase the risk of an injury in the event of certain types of crashes.



*1	Front Seat Outer Belt Assembly RH (Not affected by this recall)	*2	Front Seat Outer Belt Assembly LH (Affected by this recall)
*a	ID Number (Manufacturing Number)	*b	Model Number
*c	Label	*d	The label and vehicle shown are examples and will differ from the actual ones.

V. INSPECT FRONT LH SEAT OUTER BELT ASSEMBLY

2. RECORD SEAT POSITIONS

3. PROVIDE WORKSPACES

- a) Move the driver's seat to the foremost position.

4. CHECK ID NUMBER AND/OR MODEL NUMBER SHOWN ON SEAT BELT LABEL

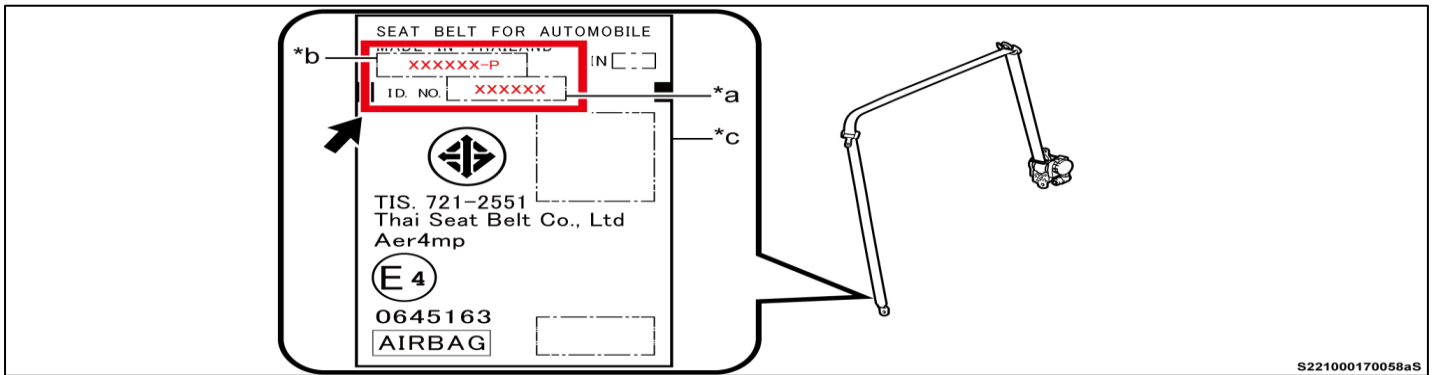
- a) Check the **6-digit numeric ID number** (manufacturing number) **or both ID number and model number** shown on the seat belt label of the front seat outer assembly.

OK/NG Criteria: See the next page.

NOTICE:

- For the ID number of the seat belt, read the 6-digit manufacturing number shown in the [ID NO.] field of the label to see if replacement is necessary, regardless of the vehicle model.
- The label design and the ID and model number locations vary depending on the vehicle model or the front seat outer belt assembly's part number.
- For details about the labels, ID numbers and model numbers, refer to the separately provided ID number identification sheet.

HINT: The seat belt label can be found around the seat belt's floor anchor.



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*a	6-digit Numeric ID Number (Manufacturing Number)	*b	Model Number
*c	Label	-	-

[Criteria]

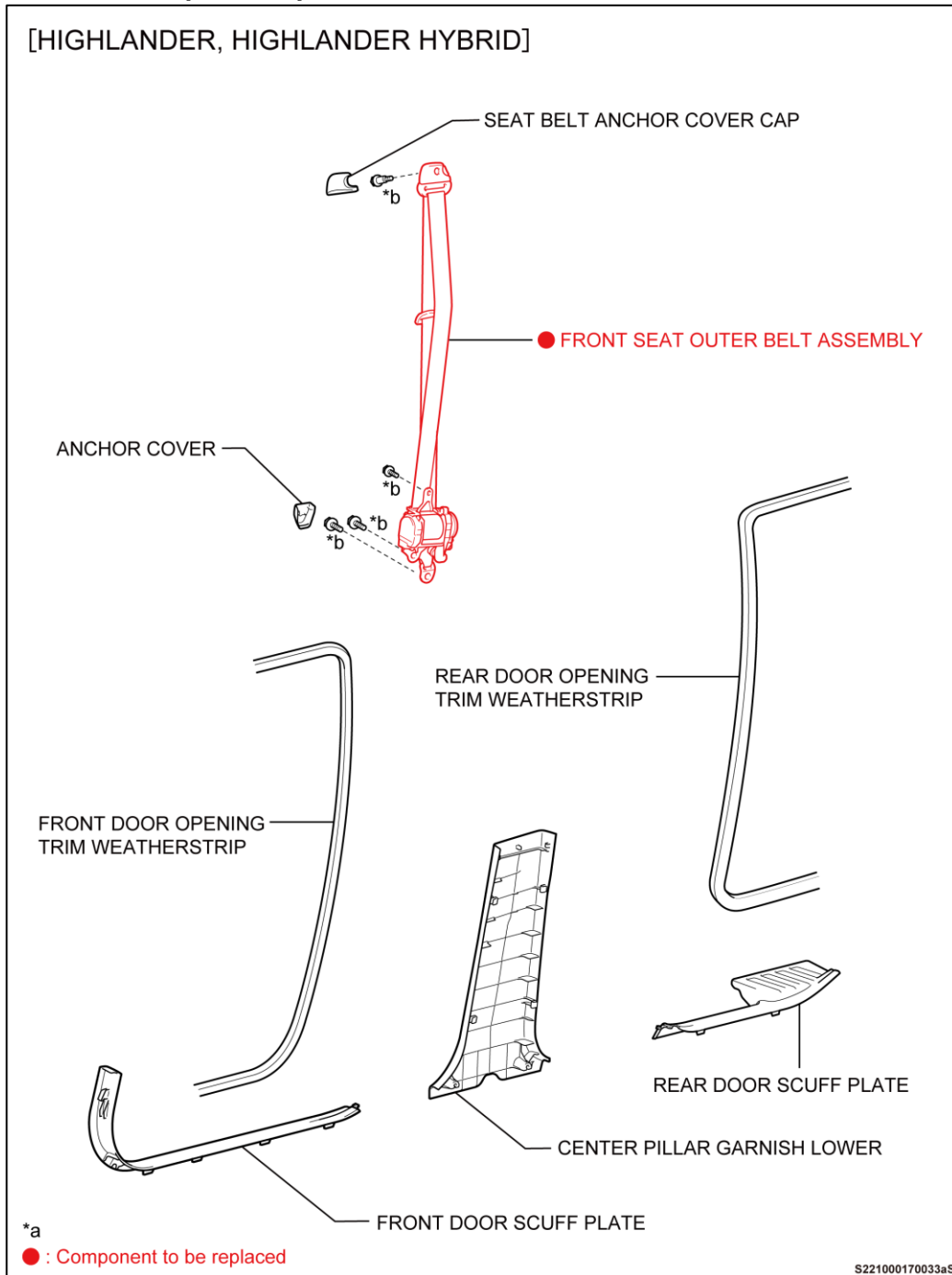
HIGHLANDER:

Judgment	Part Number	ID Number (Manufacturing Number)	Proceed to
NG	73220-48040-A0	374118	Replace the Front Seat Outer Belt Assembly LH. Go to "VI. COMPONENTS (IF INSPECTION RESULT NG)."
		374119	
		374120	
		374256	
		374257	
		374496	
		374497	
		374684	
		374685	
		374794	
		374795	
		374901	
		374902	
		375253	
		375532	
		375883	
		376065	
		376237	
		378876	
		378961	
		379351	
		379367	
		379368	
379370			
379371			
379372			
379373			
379376			
379377			
379380			
379381			

HIGHLANDER (continued from the previous page):

Judgment	Part Number	ID Number (Manufacturing Number)	Proceed to
NG	73220-48110-A0	378386	Replace the Front Seat Outer Belt Assembly LH. Go to "VI. COMPONENTS (IF INSPECTION RESULT NG)."
		378484	
		378723	
		379446	
		379543	
		379670	
		379736	
		379864	
		380080	
		380128	
		380249	
		380297	
		380481	
		382246	
	73220-48110-B0	375514	
		376231	
		376357	
		376441	
		376531	
		376696	
		376903	
		377378	
		378035	
		380412	
380482			
382955			
OK	Other than above		Record inspection results.
ID number is illegible			Replace the Front Seat Outer Belt Assembly if the ID number is illegible. Go to "VI. COMPONENTS (IF INSPECTION RESULT NG)."
Label has been detached and lost			Replace the Front Seat Outer Belt Assembly if the seat belt label has been detached and lost. Go to "VI. COMPONENTS (IF INSPECTION RESULT NG)."

VI. COMPONENTS (IF NG)



*a	The illustration shows an example of the LH side components.	*b	Refer to the repair manual for the tightening torque.
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VII. REPLACE FRONT LH SEAT OUTER BELT ASSEMBLY (IF INSPECTION RESULT NG)

1. CHECK FOR DTCS

- a) Check current DTCs to obtain current vehicle condition.
- b) REPLACE FRONT LH SEAT OUTER BELT ASSEMBLY
Referring to the repair manual, replace the front seat outer belt assembly with the **NEW** one.
[TIS - Toyota 2002 Highlander Repair Manual \(RM918U\)](#)
[TIS - Toyota 2005 Highlander Repair Manual \(RM1144U\)](#)
[TIS - Toyota 2007 Highlander Repair Manual \(RM03J0U\)](#)

NOTICE: Carefully read the cautions written in the repair manual and perform the written instructions correctly.

2. RESTORE VEHICLE

3. CONFIRM NO DTC SET DURING REPLACEMENT

◀ VERIFY REPAIR QUALITY ▶

- Check Torque of Seat Belt Bolts
- Check Seat belt loosens and retracts correctly.
- Ensure tension reducer connector is connected and pretensioner connector tab is locked.
- If you have any questions regarding this equipment recall, please contact your regional representative.

VIII. DESTROY OR SCRAP FRONT SEAT OUTER BELT ASSEMBLY (SEAT BELT PRETENSIONER)

A. PARTS DISPOSAL

- a) The outer belt assembly removed from the vehicle will be destroyed and scrapped by the dealer (seat belt pretensioner). Cut seat belt strap and use appropriate hazardous material disposal of seat belt due to seat belt pretensioner.

In accordance with Federal Regulations, please make sure all recalled parts (original parts) removed from the vehicle are disposed of in a way they will not be reused, **unless requested for parts recovery return.**

IX. APPENDIX

B. CAMPAIGN DESIGNATION DECODER

