PKIMT

Service Support Building (SSB), Administration Area, Lot 14, Phase 1-A, FPIP, Sto. Tomas, Batangas, Philippines
Tel No. : (043) 405 6388-89 / (043) 405 6407-08

MEMORANDUM NO. HRADM

TO	:	**20_PK37849**
NAME		**Aringo, Neckie**
FROM	:	**PKIMT Management**
SUBJECT	:	**Notice for Suspension**
No. of Offense	:	**1st offense**
DATE		**November 16, 2020**

PKIMT	ACKNOWLEDGEMENT FORM
	COMMENTS/ ASSESMENT
No. Offense:	1st - 2 days suspension 12/8-9/20 moved to ~~1/6-7/2021~~ 1/13-14/2021
Line/Shift	HONDA 6127
ACKNOWLEDGE BY:	
MANAGER	Signature Over Printed name/ Date

This refers to the alleged offense(s) you have committed at **11/16/2020** **to name:** **Aringo, Neckie**

Violation Offense No. **V**

OFFENSES AGAINST COMPANY INTEREST

Section No. **10**

Omission or commission of an act in connection with or against the policies & procedures, SOPs, set work guidelines & to the particular duties and responsibilities inherent to the employee's work

Description:

Associate has no good method of inspection in Dimension

You are hereby given 5 days upon receipt of this letter to explain in writing why you should not be given a disciplinary action for such offense. Failure to comply would mean you voluntarily waive your right to due process and the company has no recourse but to implement the penalty provided for based in our company rules and regulations.

This is for your guidance and strict compliance.

NOTED BY:

PKIMT Management

Conforme:_____

20_PK37849

FURUKAWA - Production Operator

(Please attach your written explanation upon returning of this letter)

PKIMT

Service Support Building (SSB), Administration Area, Lot 14, Phase 1-A, FPIP, Sto. Tomas, Batangas, Philippines
Tel No. : (043) 405 6388-89 / (043) 405 6407-08

MEMORANDUM NO. HRADM

TO : 20_PK37849

NAME Aringo, Neckie

FROM : PKIMT Management

SUBJECT : Notice to explain

No. of Offense : 1st offense

DATE 16-Nov-20

This refers to the alleged offense(s) you have committed at 16-Nov-20 to name: Aringo, Neckie

Violation Offense] V

OFFENSES AGAINST COMPANY INTEREST

Section No. 10

Omission or commission of an act in connection with or against the policies & procedures, SOPs, set work guidelines & to the particular duties and responsibilities inherent to the employee's work

Description :

Associate has no good method of inspection in Dimension

You are hereby given 5 days upon receipt of this letter to explain in writing why you should not be given a disciplinary action for such offense. Failure to comply would mean you voluntarily waive your right to due process and the company has no recourse but to implement the penalty provided for based in our company rules and regulations.

This is for your guidance and strict compliance.

NOTED BY:

PKIMT Management

Conforme:_____

20_PK37849

FURUKAWA - Production Operator

(Please attach your written explanation upon returning of this letter)

November 16, 2020

Dear Maám/Sir,

Good Day!

Please be informed that Honda TKRA encountered dimension defect during product audit. Dimension defect should be detected by dimension associate, however, during rechecking, majority of output found NG. Outflow occurred due to no good method of inspection of Dimension associate.

Please take immediate action for this matter. Kindly issue memorandum on all affected associates. Below are the list of affected members.

ID No.	Name
EN693128	Cruz, Kristel
MWM00010519	Bautista, Kristy
20_PK37849	DX / Aringo, Nickie 43/27
EN693218	Balisbis, April Jean P.
20_PK41797	NS / Cuevas, Christine Bautista
BF-18651	Caunca, Johnas F.
20_PK40991	NS / Lingatong, Evelyn C.

Thanks and Regards,

Lorena Figurasin
PD5 Staff

Noted By:

Zyrene Perez
PD5 Supervisor

Ma. Julie Sabido
PD5 Asst. Manager

Jerald Ganadillo
PD5 Section Manager

PKIMT

DATE: _____

OFFENSE:_____

WRITTEN EXPLANATION:

Ako po si Neckie Aringo at nalagpasan ng dimension defect.
Kaya po nakalagpas sa akin ang NG o short dimension kasi po akala ko po tama ang klase ng pagsusukat ko ng seg-na iyon. Kasi po gawin po ang turo saakin ng pagsukat niyon. At may problema din po ang drawing ng dimension table. Kaya akala ko tama ang pagsusukat ko.

COUNTERMEASURE:

- Sa susunod po ipapa confirmed ko magta-tanong na po ako sa staff o jr. staff ng tamang pagsusukat kapag may hindi ako naintindihan.

NECKIE ARINGO
Signature over Printed Name

HONDA TKRA / 3127
Car Model / Line

FURUKAWA AUTOMOTIVE SYSTEMS LIMA PHILIPPINES, INC.

Repair Procedure Record

						Date Prepared: ~~June 15~~ December 12, 2020				Approved by:	Approved by:	Reviewed by:	Prepared by:
						Confirmation of Concerned Department							
Customer	HONDA	Car Model	TKRA	W/H Type	FLOOR	H. SHIRAHATA Production	T.Maruoka QA	N/A Production Engineering	N/A PID-AME	N/A Production Control	T.Maruoka	H.Shirahata	M. SABIDO/J.Ganadillo / J.Figurasin
Repair Procedure Control Number		Target Date of Completion		Identification Mark									
Representative Product Number	32107-TKR-9503	Affected Products	see attached file	Reason for Repair: Short on dimension on seq 22, seq 2 and seq 220									
				Detailed Repair Procedure		Clearly specify the flow of repair process to be done on the harness (Step-by-Step Flow)							

Components to be Removed		Components to be Returned/Attached	
1	TB-6-1-B	1	TB-6-1-B
2	NA-153-B	2	NA-153-B
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	
9		9	
10		10	
11		11	
12		12	
13		13	
14		14	
15		15	
16		16	
17		17	
18		18	
19		19	
20		20	

Assigned Personnel	Department	Assigned Task
PD Jr Staff	PD	Step 1
Repair Person	PD	Step 2
PD Jr Staff	PD	Step 3
PD Dimension Inspector	QA	Step 4
Assuarance Inspector	QA	Step 5
PD and QA Staff	PD/QA	Monitor all steps mentioned.

REPAIR DETAILS

Date of Actual Repair	LOCATION	STATUS (Finish/Unfinished)
	Repair Area	

Tools, Forms and Materials Needed

1	Ballpen	6	
2	Re- inspection Record Form	7	
3	Convex	8	
4		9	
5		10	

1

Get the harness from the polybox. Put red tag on the affected portion.

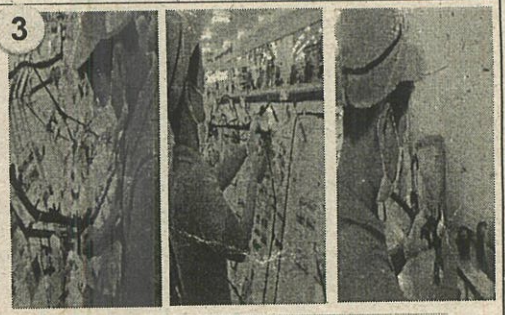
2

Conduct disassembly.

Layout the affected harness on repair table.
Removed fixing tape VTO.13x19W (seq. 22)
Removed clamp TB-6-1-B using extracting tool (seq. 220) then remove taping on LA.
Removed clamp NA-153-B (seq.2) using extracting tool and remove taping on junction (seq.1)

***Note:** All remove tapes and clamp will put on tupper box to ensure no foreign material will stick on harness*

3



Conduct re-assembly.

Put fixing tape on seq 22.
Conduct taping on seq. 1 and seq. 220. Attach clamp TB-6-1-B and NA-153-B using the jig.

***Note:** Ensure that jig was properly used to avoid wrong orientation of clamp.*

4

Conduct dimension checking on all affected portion. *See below requirement for each portion:*

If passed, proceed to next process and if no, follow in-process defect flow. (FALP-WI-QCA-15007)

***Note:** Record details on re-inspection record.*

Seq. 22	Center of Junction to end of fixing tape	96+5-0
Seq. 1	Center of Junction to End of RCOT	40±5
Seq. 2	Center of Junction to center of clamp NB-143PK-L	188±5
Seq. 220	Center of Clamp TB-6 1-B to center of LA60ANTP	165±10

5

Conduct 100% assurance inspection. If Passed proceed to packing procedure if no, follow in-process defect flow *(FALP-WI-QCA-15007).*

Note: Orientation to the assigned repair person must be done prior to repair proper. Approval of this form is necessary in order to start the repair process indicated in this procedure.

FURUKAWA AUTOMOTIVE SYSTEMS
LIMA PHILIPPINES, INC.

Date Prepared: November 12 2020
Issue Number:

Special Approval Form

Occurrence Process: ☐ First/Secondary Process ☐ Final Assembly Process **Item for Approval:** ☐ Wire Harness Related ☐ Process Related

Line/Machine No: 3127/3128
Customer: Honda
Car Model: TKRA Floor
Date Encountered: November 12 2020
Process Detected: Feedback from FGI (Quality Checking)

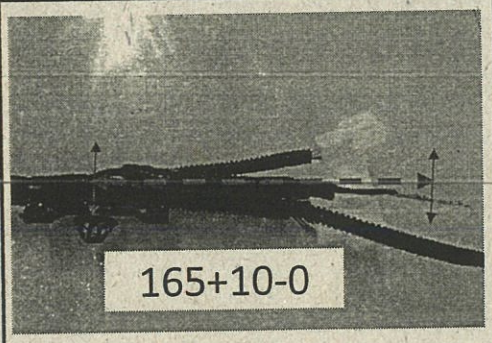
Product Details: *Please attach another sheet if space provided is not enough.*

Product Number: See Attached
Lot No:
Serial No:
Affected Quantity:

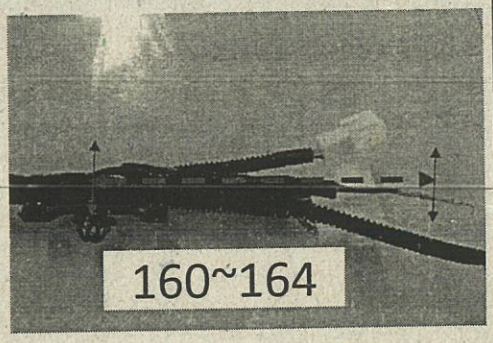
Problem Details: *(State the problem details that needs special approval)*

Short Dimension Defect on seq.220
Center of clampTB--6-1-B to center of LA60ANTP
Good: 165+10-0 No Good: 160~164

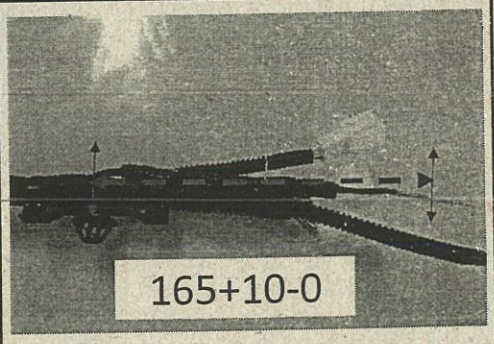
ILLUSTRATION: *(Clearly show the difference between the GOOD, NO GOOD and ACTUAL CONDITION of the problem)*



Good Condition



No Good Condition



Actual Condition for Approval

Reason for Acceptance: *(State the reason/s why the actual condition was still accepted)*

Harness will undergo checking of QA Jr staff /Staff

Condition Accepted Until:

Need Information within/to: ☐ FALP ☐ FAS ☐ CUSTOMER

Approval of Requesting Department			
Prepared by:	Checked by:	Verified by:	Approved by:
A. Vergara	J.SABIDO	J. GANADILLO	E. CAILAO/ H. SHIRAHATA
Date:	Date:	Date:	Date:
Staff	Asst. Manager	Manager	Dept. Manager / Division Manager

Verification of Action		
Checked by:	Verified by:	Approved by:
Date:	Date:	Date:
QA Asst. Manager	QA Section Manager	QA Department Manager

CPA-011-02

EFF:10/03/16

FAS FURUKAWA AUTOMOTIVE SYSTEMS LIMA PH

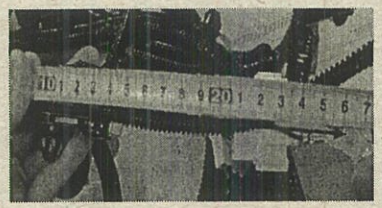
DEFECT INVESTIGATION REPORT

Approved by:	Checked by:	Issued by:
J. GANADILLO	MJ. SABIDO	L.Figueroa

Date Prepared: 11/02/2020

1. Product Information:

Customer:	Honda	Car Model:	TKRA
Part No:	32107-tkr-j003	Lot No:	59DM17
NG Qty:	1	Serial No:	00022



2. Result of actual defect product check:

Defect Assessment:
- [x] CLAIM ACCEPTED
- [ ] CLAIM NOT ACCEPTED

Containment Action and Product Disposition
- [ ] SCRAP
- [ ] SORT:___/___
- [x] REWORK/ REPAIR
- [ ] OTHERS:_____

3. Process Investigation:
3.1 Process Mapping

Process Name:	QA	Apperance	ECT	Dimension	Lay Out	Assy/Siage	Bukumi	Sub assy	Initial
Investigation Process	O	X	O	O	O	X	O	O	

Legend: "O" -defect will not occur/leak "X" -defect may occur/ leak

3.2 Result of process investigation:

refer to next page

4. Product History:

	YES	NO	REMARKS
4.1 Did harness undergo repair?		0	
4.2 Does it have any minor defect record?		0	
4.3 Undergo all inspection process (Dimension/ ECT/ Appearance/ Assurance)?	0		
4.4 Is there any design change?		0	
4.5 Have changing point in 4M?		0	

5. Summary of investigation:

OCCURRENCE CAUSE	LEAK CAUSE
Nood measurement of assy board	Assy Drawing was not allign on the branch

6. Countermeasure:

OCCURRENCE COUNTERMEASURE:	EFFECTIVITY DATE
Immediate repair all assyboard	2020/11/10
EFFECTIVITY DATE	
Already Feedback to QA PPG to have additional measurement for straight position of center of clamp to center of LA.Target date for implemantation on dimension Nov 14,2020. Already feedback to AME and emmediately repair all assy board Dimension inspection conduct monitoring on dimension.	2020/11/10

7. Implementation lot/ date:

	PRODUCT NO:	PRODUCTION DATE:
1.)		
2.)		
3.)		

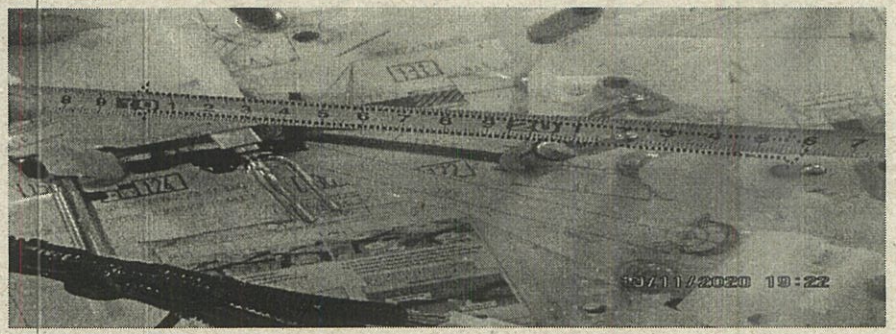
FAS FURUKAWA AUTOMOTIVE SYSTEMS LIMA PHILIPPINES, INC.

INVESTIGATION RESULT

Problem:

Short Dimension From Center of clam TB-6-B to enetr of LA106ANTP OK:165+-10 NG:163

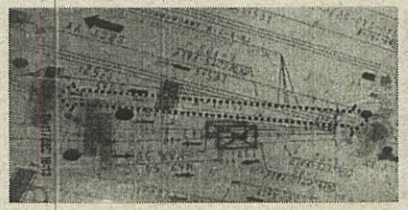
ROOTCAUSE

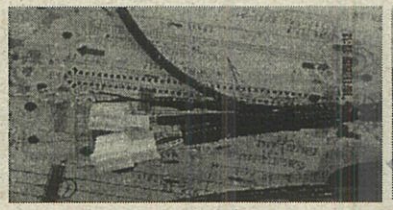


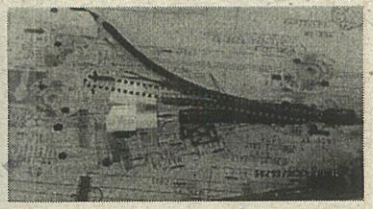
Short Dimension → No good condition of assy board → 160-165mm was the measurement of board, good must be 170mm

Dimension

Short dimension → Inconsistent method of associate during measurement → During inspection associate do slant position of inspection on the affected portion → QC Drawing was not allign on the branch







During dimension associate need to slant the affected portion to get the measurement

Must be straight position during dimension to get the exact measurement during dimension

FURUKAWA AUTOMOTIVE SYSTEMS
LIMA PHILIPPINES, INC.

Date Prepared: November 12 2020
Issue Number:

Special Approval Form

Occurrence Process: ☐ First/Secondary Process ☐ Final Assembly Process **Item for Approval:** ☐ Wire Harness Related ☐ Process Related

Line/Machine No:	3127/3128
Customer:	Honda
Car Model:	TKRA Floor
Date Encountered:	November 12 2020
Process Detected:	Feedback from FGI (Quality Checking)

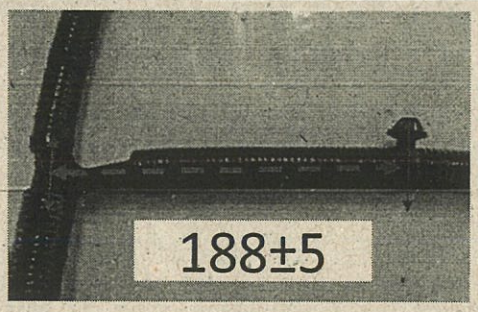
Product Details: *Please attach another sheet if space provided is not enough.*

Product Number:	See attached file
Lot No:	
Serial No:	
Affected Quantity:	

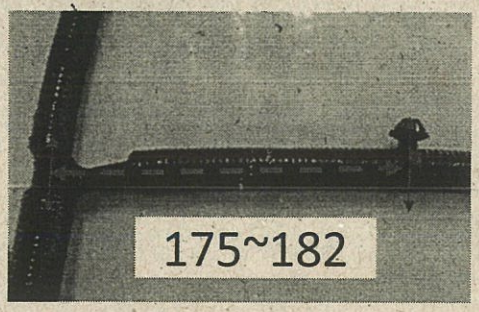
Problem Details: *(State the problem details that needs special approval)*

Short Dimension Defect on seq.1
Center of junction to center of clamp NB-143PK-L
Good: 188±5 No Good: 175~182

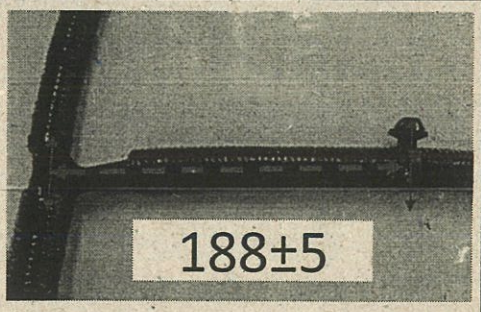
ILLUSTRATION: *(Clearly show the difference between the GOOD, NO GOOD and ACTUAL CONDITION of the problem)*



Good Condition



No Good Condition



Actual Condition for Approval

Reason for Acceptance: *(State the reason/s why the actual condition was still accepted)*

Harness will undergo checking of QA Jr staff /Staff

Condition Accepted Until:

Need Information within/to: ☐ FALP ☐ FAS ☑ CUSTOMER

Approval of Requesting Department			
Prepared by:	Checked by:	Verified by:	Approved by:
A. Vergara	J.SABIDO	J. GANADILLO	E. CAILAO/ H. SHIRAHATA
Date:	Date:	Date:	Date:
Staff	Asst. Manager	Manager	Dept. Manager / Division Manager

Verification of Action		
Checked by:	Verified by:	Approved by:
Date:	Date:	Date:
QA Asst. Manager	QA Section Manager	QA Department Manager

FAS FURUKAWA AUTOMOTIVE SYSTEMS LIMA PH

DEFECT INVESTIGATION REPORT

Approved by:	Checked by:	Issued by:
J. GANADILLO	MJ. SABIDO	L.Figuresin

Date Prepared: 11/02/2020

1. Product Information:

Customer:	Honda	Car Model:	TKRA
Part No:	32107-tkr-j003	Lot No:	59DM17
NG Qty:	1	Serial No:	00022

2. Result of actual defect product check:

Defect Assessment:
- [x] CLAIM ACCEPTED
- [ ] CLAIM NOT ACCEPTED

Containment Action and Product Disposition
- [ ] SCRAP
- [ ] SORT: ___/___
- [x] REWORK/ REPAIR
- [ ] OTHERS: _____

Short Dimension from center of junction to center of clamp NB-143PK-L

3. Process Investigation:
3.1 Process Mapping

Process Name:	QA	Apperance	ECT	Dimension	Lay Out	Assy/Siage	Bukumi	Sub assy	Initial
Investigation Process	O	X	O	O	O	X	O	O	

Legend: "O" -defect will not occur/leak "X" -defect may occur/ leak

3.2 Result of process investigation:

refer to next page

4. Product History:

	YES	NO	REMARKS
4.1 Did harness undergo repair?		0	
4.2 Does it have any minor defect record?		0	
4.3 Undergo all inspection process (Dimension/ ECT/ Appearance/ Assurance)?	0		
4.4 Is there any design change?		0	
4.5 Have changing point in 4M?		0	

5. Summary of investigation:

OCCURRENCE CAUSE	LEAK CAUSE
No good condition of junction jig	Inconsistent during measurement of junction since it was cover bay fixing of branch

6. Countermeasure:

OCCURRENCE COUNTERMEASURE:	EFFECTIVITY DATE
Request to change the tri jig to avoid the mavement of jigsame as on TADY floor and transfer the cutting of clamp NB-143PK-L on shiage process	2020/11/11
Request to provide acyrlic for the refference of junction to easily identify the center during dimesion process and provide monitoring measurement on diemsion	**2020/11/11**

7. Implementation lot/ date:

	PRODUCT NO:	PRODUCTION DATE:
1.)		
2.)		
3.)		

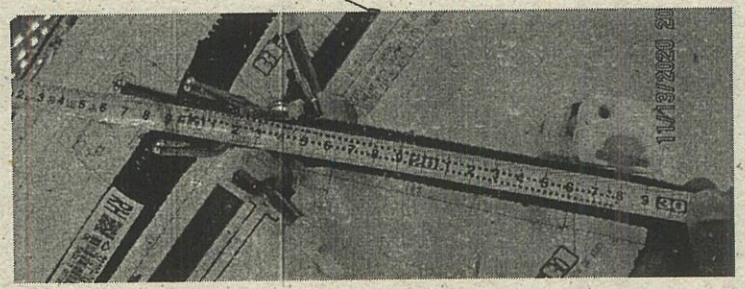
FAS FURUKAWA AUTOMOTIVE SYSTEMS LIMA PHILIPPINES, INC.

INVESTIGATION RESULT

Problem:

Short Dimension From Center of Junction to center of Clamp NB-143PK-L

ROOTCAUSE



Center of junction to center of clamp 188+-5 but the actual measurement of board was 180 to 183 during conduct measuement checking on assy baord both lines

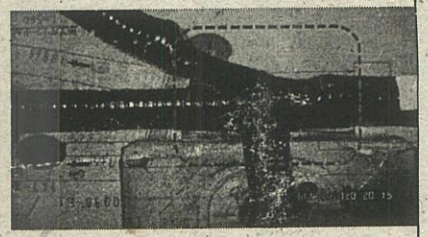
Short Dimension ⇨ No good measurement of junction jig to center of clamp
NOTE:No good measurement of junction jig occured during process,since affected jig was on upper part of board it was revisible and pulled down during taping on junction ⇨ NG condition of junction jig

Good:	193mm
No good:	185mm

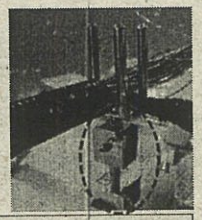
Note:Short of 8mm

Dimension

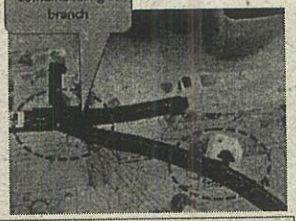
Short dimension ⇨ Inconsisitent to get the measurement from center of junction to center of clamp ⇨ Center of junction was cover by fixing of bracn on clamp.



Countermeasure:



1.Change the up and down jig to SEA Jig avoid movement or loose jig during



2.Transfer the cutting of clamp(NB-143PK-L) on shiage process since fixing of branch was done on shiage process

3.Request to provide acyrlic on dimension for the reffrence of junction to easily identify the center of junction

FURUKAWA AUTOMOTIVE SYSTEMS
LIMA PHILIPPINES, INC.

Date Prepared: November 12 2020
Issue Number:

Special Approval Form

Occurrence Process: ☐ First/Secondary Process ☐ Final Assembly Process **Item for Approval:** ☐ Wire Harness Related ☐ Process Related

Line/Machine No: 3127/3128
Customer: Honda
Car Model: TKRA Floor
Date Encountered: November 12 2020
Process Detected: Feedback from FGI (Quality Checking)

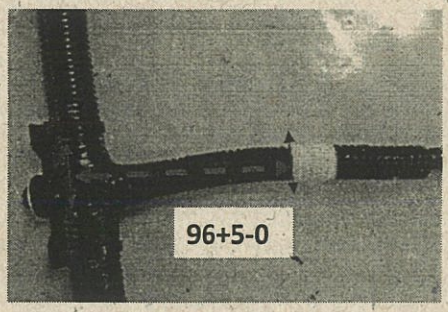
Product Details: *Please attach another sheet if space provided is not enough.*

Product Number: see attached file
Lot No:
Serial No:
Affected Quantity:

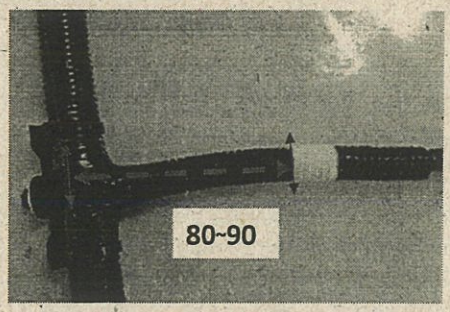
Problem Details: *(State the problem details that needs special approval)*

Short Dimension Defect on seq.22
Center of junction to end of fixing tape
Good: 96+5-0 No Good: 80~90

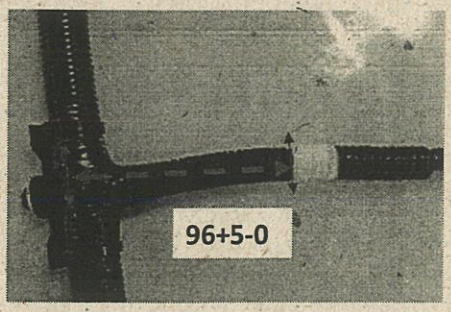
ILLUSTRATION: *(Clearly show the difference between the **GOOD**, **NO GOOD** and **ACTUAL CONDITION** of the problem)*



Good Condition



No Good Condition



Actual Condition for Approval

Reason for Acceptance: *(State the reason/s why the actual condition was still accepted)*

Harness will undergo checking of QA Jr staff /Staff

Condition Accepted Until:

Need Information within/to: ☐ FALP ☐ FAS ☐ CUSTOMER

Approval of Requesting Department			
Prepared by:	Checked by:	Verified by:	Approved by:
A. Vergara	J.SABIDO	J. CANADILLO	E. CAILAO/ H. SHIRAHATA
Date:	Date:	Date:	Date:
Staff	Asst. Manager	Manager	Dept. Manager / Division Manager

Verification of Action		
Checked by:	Verified by:	Approved by:
Date:	Date:	Date:
QA Asst. Manager	QA Section Manager	QA Department Manager

FAS FURUKAWA AUTOMOTIVE SYSTEMS LIMA PH

DEFECT INVESTIGATION REPORT

Approved by:	Checked by:	Issued by:
J. GANADILLO	MJ. SABIDO	L.Figueroa

Date Prepared: 11/02/2020

1. Product Information:

Customer:	Honda	Car Model:	TKRA
Part No:	32107-tkr-j003	Lot No:	59DM17
NG Qty:	1	Serial No:	00022

2. Result of actual defect product check

Defect Assessment:
- [x] CLAIM ACCEPTED
- [ ] CLAIM NOT ACCEPTED

Containment Action and Product Disposition
- [ ] SCRAP
- [ ] SORT: ___/___
- [x] REWORK/ REPAIR
- [ ] OTHERS: _____

Short Dimension from center of junction to end of White tape

3. Process Investigation:

3.1 Process Mapping

Process Name:	QA	Apperance	ECT	Dimension	Lay Out	Assy/Siage	Bukuml	Sub assy	Initial
Investigation Process	O	X	O	O	O	X	O	O	

Legend: "O" -defect will not occur/leak "X" -defect may occur/ leak

3.2 Result of process investigation:

refer to next page

4. Product History:

	YES	NO	REMARKS
4.1 Did harness undergo repair?		0	
4.2 Does it have any minor defect record?		0	
4.3 Undergo all inspection process. (Dimension/ ECT/ Appearance/ Assurance)?	0		
4.4 Is there any design change?		0	
4.5 Have changing point in 4M?		0	

5. Summary of investigation:

OCCURRENCE CAUSE	LEAK CAUSE
No good sequence during attachment of white tape	Inconsistent during diemsion from clamp to end of tape

6. Countermeasure:

OCCURRENCE COUNTERMEASURE:	EFFECTIVITY DATE
Request to MPPD to include the sequence of attachement of white tape from station 7L to 7 center after junction to avoid Ng measurement during taping on junction.	11/11/2020
EFFECTIVITY DATE	
Teach the proper method of dimension on the affected branch from clamp to clamp and center of junction to end of tape. Conduct monitoring measurement on the affected branch.	11/11/2020

7. Implementation lot/ date:

	PRODUCT NO:	PRODUCTION DATE
1.)		
2.)		
3.)		

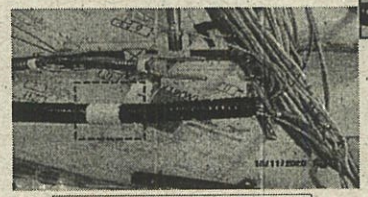
FAS FURUKAWA AUTOMOTIVE SYSTEMS LIMA PHILIPPINES, INC.

INVESTIGATION RESULT

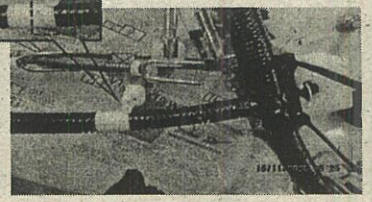
Problem:

Short Dimension From Center of Junction to end of white tape

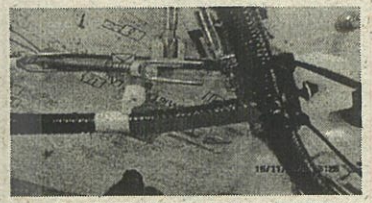
ROOTCAUSE



Attachment of white tape before junction



After junction white tape was move since junction was covered the root



Attachement of white tape was done on stn 07 L, during taping on junction portion white tape was adjusted after taping of junction

NOTE:Attachment of white tape was not included on SOT

Short Dimension → no good sequence during attachment of white tape

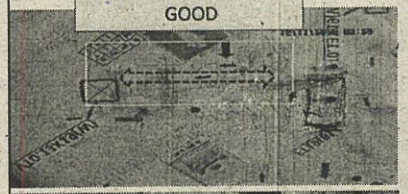
Before:
- 1st Attachement of white tape
- 2nd taping on junction

After:
- 1st taping on junction
- 2nd Attachement of white tape

Dimension

Short dimension → no good method during measurement of affected portion → associate thought that the measurement was from center of clamp to end of tape

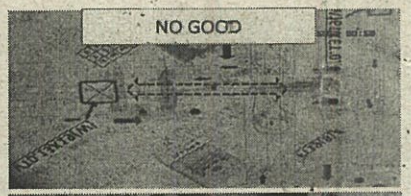
GOOD

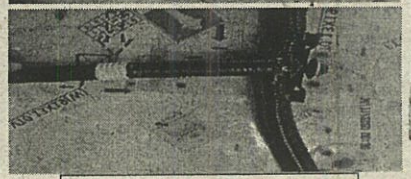


center of junction to end of tape

From center of junction to end of fixing taping

NO GOOD





center of clamp to end of tape

Member align the clamp on drawing to measure the white tape.
Associate measure from center of clamp to end of white tape

PRODUCT NO. 32107-TKR-U003-2 40-TOTAL

LOT NO. 59CV53 45-NG 220

SERIAL NO.	589 MAX.40	589 188±5	589 96±5	137+10/-0	MIN.20	175 165+10/-0
283	40	178	90	143	21	166
271	34	NG180	NG 85	138	20	* 160
264	35	193	91	140	20	170
269	35	185	NG 85	145	20	* 162
268	35	185	NG 85	140	20	* 160
263	35	186	93	143	20	165
261	35	192	93	139	20	165
267	35	188	NG 87	140	23	167
258	40	183	91	140	20	165
257	35	183	NG 85	142	20	165
284	40	185	NG 85	138	20	* 160
272	35	NG 177	NG 89	137	24	* 161
~~244~~	~~35~~	~~185~~	~~83~~	~~138~~	~~20~~	~~163~~
~~240~~	~~35~~	~~190~~	~~85~~	~~145~~	~~21~~	~~168~~
194	30	188	NG 90	140	20	* 160
89	38	NG 176	NG 80	141	20	* 160
281	30	183	NG 83	144	20	166
282	37	NG 175	NG 85	138	20	165
277	40	185	NG 85	138	20	* 163
276	40	185	NG 80	140	20	165
274	38	188	NG 89	139	20	* 164
279	38	185	NG 85	142	20	167
267	40	188	NG 87	146	20	165
266	38	185	NG 85	136	20	* 162
259	38	186	NG 85	136	20	* 160
225	40	193	* 88	141	20	* 163
265	35	190	* 85	141	20	165
270	35	185	* 80	140	20	165
280	38	185	* 85	143	20	* 163
285	35	185	* 85	138	20	* 162
273	40	185	* 85	140	21	166
278	40	188	* 85	137	20	* 163
117	40	188	* 87	140	20	* 160
114	40	188	* 80	143	20	* 161
118	40	193	* 85	146	20	166
120	40	185	* 86	141	20	* 160
116	40	190	* 80	140	20	165
122	40	193	93	145	20	* 162
119	40	193	* 80	142	20	* 162
124	40	184	* 85	145	20	* 160
56	40	188	* 86	143	20	* 160
55	38	190	* 80	137	20	* 160
61	40	192	* 81	139	20	* 158
87	38	191	91	140	20	* 162
93	40	193	* 80	142	20	* 160
72	35	193	* 85	140	20	* 160
74	40	193	* 80	140	20	* 160
63	35	185	* 85	143	20	* 158
54	35	190	* 85	143	20	* 162
70	35	185	92	142	20	* 161

PRODUCT NO. 32107-TKR-U003 70-TOTAL

LOT NO. ~~59CB30~~ 59DB30 60-NG 220

SERIAL NO.	589 MAX.40	589 188±5	589 96±5	137+10/-0	MIN.20	165+10/-0
19	34	190	* 80	140	20	* 160
68	35	* 195	* 80	140	20	165
93	34	185	* 85	142	20	168
96	35	184	* 83	140	20	170
97	32	* 170	* 85	137	24	167
28	35	183	* 83	143	22	* 160
280	35	188	* 86	142	20	170
194	33	* 180	92	140	20	165
208	40	186	95	140	20	* 162
264	40	* 175	94	141	20	165
229	37	* 177	* 86	140	20	* 163
237	35	* 160	* 88	139	23	165
236	35	* 181	165	145	20	165
228	35	* 162	* 85	140	20	* 160
84	30	* 173	* 88	140	20	* 163
91	35	* 178	* 83	142	20	168
207	35	* 182	* 90	138	20	165
211	40	183	* 85	142	22	* 162
149	35	185	92	140	20	* 163
150	40	* 181	92	145	22	168
269	35	* 182	90	140	20	170
253	40	185	* 88	140	22	167
284	35	185	95	141	20	166
290	35	186	95	146	22	165
14	40	* 180	92	140	22	173
152	35	188	* 85	140	20	* 164
69	35	185	* 92 85	140	22	165
133	32	185	* 87	138	20	165
143	35	* 182	* 89	145	20	169
138	32	185	91	145	22	* 163
146	35	185	91	142	20	173
142	35	184	* 84	142	20	165
183	35	185	91	140	20	165
176	40	188	* 85	140	20	166
156	30	190	92	140	20	165
155	40	190	95	* 135	20	169
297	35	188	* 85	139	20	165
296	35	* 176	* 87	140	20	170
29	35	* 175	* 85	139	20	* 162
38	35	183	* 86	140	20	168
86	35	185	* 85	138	20	165
94	35	* 179	* 80	142	20	171
215	35	185	* 85	140	20	* 163
187	35	185	* 85	138	20	* 163
280	35	189	91	145	20	170
277	35	185	91	143	20	170
279	35	185	91	140	20	165
274	35	183	* 85	139	20	* 163
241	37	185	* 85	142	20	165
283	35	189	* 85	143	20	165
282	37	183	* 80	146	20	166
~~284~~	~~35~~	~~* 180~~	~~* 85~~	~~146~~	~~20~~	~~169~~
281	35	188	* 80	145	20	165
286	40	* 178	91	145	20	165
124	35	185	* 80	140	20	165
125	35	* 170	92	142	20	* 160
260	35	185	91	145	20	165
259	35	* 180	* 86	142	20	166
227	35	* 175	* 87	140	20	165
230	40	192	91	139	20	* 163
234	35	185	* 89	138	20	* 163
232	40	183	* 80	142	20	166
191	40	* 178	* 85	137	20	* 158
182	35	183	* 85	140	20	165
262	35	187	* 85	* 136	20	* 162
258	40	185	* 86	145	20	* 162
126	35	185	92	140	20	169
13	35	185	* 80	142	20	167
246	35	187	* 85	144	20	165
198	35	188	* 80	140	20	167

QC

	32107 - TKR - J003					70 - total	PRODUCT NO.	32107 - TKR - J103						6 - TOTAL
LOT NO.	590B30					53 - NG	LOT NO.	590M17						0 NG
SERIAL NO.	MAX.40	183~193 188±5	91~101 96±5 91	137+10/-0	MIN.20	165+10/-0	SERIAL NO.	MAX.40	188±5	96±5	137+10/-0	MIN.20	165+10/-0	
151	36	186	* 84	140	20	X 163	41	35	188	100	140	20	167	
153	40	185	* 89	141	20	166	44	38	190	93	140	20	169	
113	35	* 180	* 80	142	24	165	39	35	188	95	147	20	165	
154	35	187	* 87	144	23	166	14	40	193	95	147	20	165	
114	35	184	* 85	X 135	20	X 157	31 X	37	185	91	142	20	168	
144	40	187	91	140	20	167	33 X	38	198	94	144	20	165	
140	31	184	* 80	144	20	170	164							
144	35	186	92	142	20	167								
164	38	184	94	147	20	165								
26	40	189	93	142	20	165								
293	35	185	* 85	147	20	170								
298	35	* 180	* 81	142	20	167								
27	35	169	* 85	138	20	X 160								
23	35	193	* 83	140	20	X 160								
275	35	183	* 60	143	20	171								
276	37	* 180	* 60	147	20	X 163								
267	38	193	91	142	20	164								
273	38	* 175	* 85	142	20	X 163								
108	35	185	* 80	142	20	168								
136	38	183	98	147	20	167								
135	35	183	91	142	20	171								
131	37	* 177	* 87	138	20	X 163								
252	35	185	* 60	141	20	165								
257	32	183	* 85	143	20	167								
238	35	185	* 65	139	20	165								
256	40	190	* 85	147	20	167								
255	35	193	91	142	20	167								
250	35	* 180	* 83	X 135	20	X 163								
251	35	* 180	* 84	143	20	168								
254	40	* 160	* 60	140	20	X 162								
134	32	186	91	138	23	166								
99	33	* 160	* 80	142	20	172								
130	35	191	91	139	20	165								
129	32	185	93	143	20	172								
132	35	185	94	142	20	168								
112	35	* 180	* 80	142	20	X 162								
137	35	183	91	143	20	162								
139	32	183	95	144	20	167								
264	35	186	* 85	137	20	X 160								
261	35	195	* 86	142	20	168								
265	35	185	* 80	142	20	165								
270	40	185	* 87	140	20	165								
263	35	183	91	140	20	165								
270	40	185	* 81	143	20	165								
212	40	190	* 83	142	20	165								
213	40	185	* 85	142	20	167								
196	30	190	93	140	20	165								
205	35	185	* 83	143	20	165								
77	35	* 175	* 85	142	20	167								
81	35	190	* 88	140	20	166								
66	36	* 171	* 83	140	20	X 160								
84	35	190	* 85	140	20	166								
244	35	185	* 83	138	20	X 163								
240	35	190	* 85	145	21	168								
128	35	186	91	148	20	167								
119	35	183	93	140	20	X 160								
61	35	185	* 60	142	20	165								
63	35	183	* 85	149	20	X 162								
190	35	185	* 85	142	20	X 163								
186	40	190	* 85	141	20	165								
49	30	184	* 85	140	20	168								
33	30	186	* 60	144	20	167								
37	35	183	* 81	140	20	167								
42	35	* 180	* 80	139	20	166								
57	40	187	* 85	138	20	167								
52	35	* 170	* 80	138	20	170								
60	35	183	* 82	143	20	167								
55	35	183	* 80	149	20	166								
58	35	183	* 85	139	20	165								
39	30	* 175	* 90	140	20	X 163								

EFF.0

PRODUCT NO.	32107 -TKR -J003					2-TOTAL
LOT NO.	59CP70					1-NG
SERIAL NO.	MAX.40	188±5	96±5	137+10/-0	MIN.20	165+10/-0
67	35	185	X 85	142	20	165
300	40	188	91	143	20	168

PRODUCT NO.	32107 -TKR -J103					2-TOTAL
LOT NO.	59CE98					2-NG
SERIAL NO.	MAX.40	188±5	96±5	137+10/-0	MIN.20	165+10/-0
222	40	185	X 80	140	20	X 160
231	35	189 80	X 80	144	20	168

PRODUCT NO.	32107 - TKS - 9703				2-TOTAL	
LOT NO.	5980089				2-N6	
SERIAL NO.	MAX.40	188±5	96±5	137+10/-0	MIN.20	165+10/-0
113	35	185	x 66	140	20	168
67	35	190	x 85	142	20	x 163

PRODUCT NO.	32107 - TKR - J003				46-TOTAL	
LOT NO.	5900030				43-N6	
SERIAL NO.	MAX.40	188±5	96±5	137+10/-0	MIN.20	165+10/-0
247	40	190	x 83	140	20	167
248	40	183	x 85	142	20	172
41	35	x 180	x 85	138	20	165
59	30	185	x 85	140	20	x 160
111	30	x 180	x 80	139	20	168
127	30	x 175	94	142	20	170
174	40	185	x 85	139	20	165
172	40	190	91	142	20	165
171	40	185	92	145	20	165
175	35	186	x 62	143	20	165
249	35	x 180	x 85	142	20	176
268	40	188	x 85	143	20	170
206	35	185	x 82	140	20	165
209	40	185	x 88	138	20	x 162
245	37	193	x 85	139	20	167
247	35	185	91	142	20	167
243	35	188	92	139	20	x 162
225	35	185	x 185	145	20	172
120	40	183	x 83	140	20	167
115	38	x 177	x 82	145	20	169
121	35	x 177	x 80	145	20	165
123	40	x 175	x 85	142	20	165
30	35	165	x 85	140	20	x 163
31	40	x 175	x 80	143	20	165
32	35	x 180	x 85	142	20	x 161
36	35	183	x 85	143	21	168
21	33	185	x 80	141	21	x 164
09	35	193	x 80	140	20	x 161
55	35	x 180	x 80	143	20	168
54	35	185	x 85	143	20	165
52	35	x 175	x 80	142	20	161
46	35	187	x 85	140	20	x 163
48	35	185	x 80	140	20	170
45	35	180	x 85	137	20	169
44	35	185	x 85	138	20	167
50	35	188	x 80	140	20	x 163
07	35	185	x 80	146	20	167
20	38	191	x 77	140	20	x 160
181	40	190	x 80	x 135	20	x 158
173	38	185	x 85	138	20	167
178	35	185	x 83	147	20	168
180	35	185	x 85	139	20	x 163
40	35	183	x 80	140	20	166
43	35	x 180	x 80	137	20	167

PRODUCT NO.	32107 - TKR - 9603				70-TOTAL	
LOT NO.	59JB29				70-NG	
SERIAL NO.	MAX.40	188±5	96±5	137+10/-0	MIN.20	165+10/-0
32	35	193	x 85	142	20	165
71	35	185	x 78	140	20	x 160
65	35	197	x 80	142	20	165
64	38	190	x 85	140	20	x 160
66	35	193	x 80	140	20	165
57	40	193	x 85	143	20	165
70	37	185	x 81	147	20	x 162
72	35	187	x 80	140	20	167
69	35	185	x 80	147	20	165
74	40	190	x 82	140	20	x 160
61	35	185	x 80	147	20	168
42	36	193	x 82	142	20	165
79	40	193	x 85	142	20	164
65	33	189	x 81	147	20	x 162
61	38	183	x 60	146	37	x 163
29	41	x 140	x 75	142	20	x 160
67	35	189	x 80	143	21	168
68	36	x 200	x 80	143	20	x 162
77	35	189	x 80	140	20	170
60	37	190	x 80	140	20	168
24	40	192	x 80	x 135	20	x 160
23	40	192	x 80	140	20	165
26	35	190	x 80	140	20	x 160
06	35	183	x 80	141	20	x 161
33	40	190	x 60	141	20	170
25	40	190	x 75	141	20	x 162
27	40	193	x 60	140	20	x 162
37	37	189	x 85	144	20	165
34	38	193	x 75	137	20	x 163
31	40	193	x 85	137	20	165
19	35	193	91	141	20	x 163
17	40	190	x 80	137	20	x 160
15	38	193	x 85	141	20	170
13	35	189	x 85	140	20	168
02	35	190	x 85	140	20	165
16	38	193	x 60	138	20	x 160
20	35	190	91	140	20	x 161
21	40	190	x 80	144	20	167
18	40	193	x 80	143	20	x 160
14	40	192	x 80	144	20	165
39	40	190	x 85	142	20	167
46	40	190	x 75	139	20	x 163
40	40	188	x 75	140	20	x 157
30	38	190	x 80	137	20	x 163
35	40	185	x 80	140	20	168
36	35	x 200	x 60	145	20	x 172
45	35	190	x 80	141	20	x 160
43	40	193	x 60	140	20	x 161
44	38	x 200	x 60	141	20	x 164
47	40	185	x 60	142	20	x 161
62	40	190	x 85	140	20	165
63	35	190	x 85	143	20	x 163
56	35	185	x 85	143	20	166
58	35	187	x 85	140	20	x 162
52	35	183	x 83	138	20	x 160
50	40	x 195	x 80	143	20	x 162
53	35	190	x 75	143	20	168
55	40	193	x 75	139	20	165
59	40	190	x 80	142	20	x 160
54	35	193	x 85	138	20	x 160
~~01~~	~~40~~	~~185~~	~~x 80~~	~~140~~	~~20~~	~~165~~
01	35	165	x 85	145	20	160
05	40	168	x 80	138	20	x 160
07	40	193	x 65	140	20	168
09	40	192	x 65	140	20	x 159
11	40	185	x 75	143	20	x 163
04	35	190	x 80	142	20	x 160
08	35	193	x 80	143	20	x 161
03	35	193	x 85	143	20	x 160
10	35	193	x 75	x 133	20	x 163
12	35	193	x 60	139	20	166

PRODUCT NO.	32107 - TKS - 9503				6-TOTAL	
LOT NO.	59CF01				6-NG	
SERIAL NO.	MAX.40	188±5	96±5	137+10/-0	MIN.20	165+10/-0
75	30	x 180	x 85	139	20	165
65	35	x 177	x 85	140	20	x 163
10	35	184	x 85	146	20	166
19	36	183	x 80	144	21	x 160
73	35	x 174	x 80	141	20	169
108	40	187	x 60	142	20	167

EFF:0

TKS - 9503-2 8- Total

LOT NO. 59 DM19 1-NG

SERIAL NO.	MAX.40	188±5 seq. 5	96±5 seq. 32	137+10/-0 seq. 26	MIN.20	165+10/-0 seq. 26
08	30	183	91	142	20	165
05	30	184	92	141	20	166
02	30	185	95	142	20	164
03	30	184	95	146	20	168
06	35	184	91	140	20	169
04	30	184	91	140	20	167
16	30	X 130	X 80	140	23	X 158
09	35	188	95	141	20	170

PRODUCT NO. 32107-TKR-U003 56-Total 62-Total 40-NG 54-NG

LOT NO. 59DB30

SERIAL NO.	MAX.40	188±5	96±5	137+10/-0	MIN.20	165+10/-0
156	20	188 185	93	140	20	165
155	20	186	94	142	20	170
294	35	184	X 85	144	20	165
292	15	185	X 85	142	22	168
160	15	X 173	X 87	140	20	166
158	15	X 175	95	146	20	170
161	35	X 180	93	140	20	165
157	38	185	93	143	20	170
163	35	188	94	140	20	167
159	35	X 180	91	138	20	165
165	35	185	94	140	20	167
162	35	X 172	94	142	20	170
218	218 35	183	X 85	141	20	165
221	35	183	91	141	20	166
76	35	184	97	138	23	166
122	35	186	X 85	139	20	167
105	35	184	91	138	20	168
106	35	X 180	X 85	140	20	166
104	35	185	X 85	138	20	X 160
101	37	X 175	X 81	142	20	168
102	39	185	X 82	139	20	167
103	33	183	X 80	148	20	170
92	34	189	X 85	140	20	166
95	32	185	X 85	145	20	165
90	34	185	X 84	137	20	167
85	31	186	X 82	141	20	166
80	30	189	X 85	143	20	166
68	40	185	X 84	145	20	166
79	31	X 179	X 80	140	20	170
78	33	183	X 83	137	20	167
75	30	X 180	X 83	143	20	167
72	30	185	X 85	145	20	168
107	30	184	X 77	142	20	165
117	34	183	X 85	145	20	167
116	32	190	X 83	140	20	165
118	40	183	X 85	142	20	165
110	34	189	X 82	140	20	167
109	32	189	X 85	144	20	167
201	38	184	X 85	146	20	167
203	35	183	X 86	140	20	166
217	35	189	X 82	142	20	165
214	31	186	X 83	145	20	165
87	32	X 180	X 80	140	20	165
82	32	185	X 86	137	20	165
17	40	190	85	142	20	X 162
18	45	193	85	143	20	170
12	38	190	X 85	142	20	X 160
02	38	190	X 85	143	20	165
01	35	190	X 85	140	20	X 164
03	35	184	X 85	142	20	166
34	35	X 172	91	141	20	167
47	30	184	X 85	145	20	165
64	35	188	X 75	143	20	X 162
65	35	187	X 80	143	20	X 163
98	35	X 180	X 85	142	20	169
100	35	X 178	X 80	140	20	X 160
186	30	187	X 85	143	20	165
179	35	186	X 88	138	20	X 160
177	38	184	X 85	147	20	167
185	35	188	X 88	145	20	165
189	35	X 180	X 87	146	20	165
184	35	186	85 91	144	20	167

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PRODUCT NO.	32107 - TKR - J103 - 2					62 - Total
LOT NO.	39CV54					54 - NG
SERIAL NO.	MAX.40	188±5	96±5	137+10/-0	MIN.20	165+10/-0
29	15	183	91	140	25	166
77	20	188	x 80	140	20	x 160
79	40	185	x 85	141	20	x 162
78	40	193	x 83	142	20	166
56	35	185	x 86	x 150	20	165
57	35	185	x 85	140	20	x 163
55	35	185	x 85	142	20	168
53	35	185	x 80	x 135	20	x 160
52	40	185	x 85	140	20	165
54	35	189	x 78	149	20	165
48	35	x 160	x 80	137	20	x 162
51	35	190	x 60	140	20	166
60	35	193	91	142	20	170
61	35	188	x 85	140	20	167
62	35	185	x 80	142	20	168
63	35	193	x 60	141	20	167
58	35	183	x 85	140	20	165
59	35	183	x 85	143	20	x 162
65 ~~85~~	35	192	x 85	140	20	166
67	38	189	x 80	140	20	167
66	35	193	x 80	142	20	165
69	40	193	x 75	139	20	x 160
64	35	193	x 80	142	20	165
68	40	193	x 85	140	20	x 163
19	35	185	x 60	143	20	167
20	30	x 175	x 85	145	20	170
42	40	187	x 80	142	20	x 163
43	35	185	x 85	147	20	165
32	35	x 179	x 85	140	20	x 161
34	35	x 180	x 85	144	20	168
35	40	183	x 60	140	20	168
33	35	185	x 80	138	20	168
38	35	x 178	x 80	141	20	170
36	35	183	x 60	140	20	168
39	35	185	x 85	142	20	x 162
37	35	185	x 80	140	20	166
40	35	189	x 85	142	20	165
41	35	185	x 60	140	20	165
49	40	184	x 80	140	20	x 160
50	40	x 185	x 85	147	20	166
44	40	183	x 85	142	20	168
45	35	185	x 85	142	20	168
46	30	x 178	x 85	x 135	20	x 160
47	35	185	x 80	145	20	165
75	35	193	x 85	144	20	x 162
74	35	187	x 80	141	20	168
70	35	187	x 85	142	20	x 167
76	35	193	x 60	142	20	x 161
83	35	189	x 75	144	20	x 160
84	40	185	x 60	143	20	x 160
72	40	190	x 80	146	20	x 158
81	40	190	x 60	141	20	x 163
80	40	192	x 80	137	20	x 154
82	38	192	x 85	142	20	x 157

PRODUCT NO.	32107 - TKR - J003					2 - Total
LOT NO.	59CE97					2 - NG
SERIAL NO.	MAX.40	188±5	96±5	137+10/-0	MIN.20	165+10/-0
140	36	185	x 83	140	22	168
40	30	189	x 80	140	26	167

Product No.	32107 -TKR - 9GQ3					10-Total
Lot No.	59DB29					10-NG
SERIAL NO:	MAX. 40	188±5	96±5	137+10-0	MIN 20	165+10-0
41	35	191	x 80	145	20	170
48	35	186	x 80	138	20	165
60	40	190	x 82	138	20	170
57	32	192	x 80	145	20	170
75	40	190	x 80	145	20	165
73	40	185	x 85	145	20	170
76	38	188	x 80	142	20	170
78	35	190	x 85	143	20	170
49	35	183	x 82	143	20	170
74	38	x 195	x 80	139	20	x 160

Product No.	32107 -TKR - 9GQ3					40-Total
Lot No.	59DB30					37-NG
SERIAL NO:	MAX. 40	188±5	96±5	137+10-0	MIN 20	165+10-0
83	35	x 179	x 85	139	20	x 160
88	35	x 178	x 83	142	20	166
199	40	185	91	145	20	170
202	35	x 180	x 85	148	20	169
221	35	184	x 80	141	20	x 162
210	35	185	x 83	140	20	x 163
226	35	185	x 85	138	20	165
224	35	x 189	91	x 150	20	165
231	35	188	x 85	140	20	x 160
233	35	187	x 85	143	20	166
223	38	183	x 85	143	20	165
222	40	x 180	x 87	144	20	165
46	35	184	x 84	143	23	170
35	30	184	x 84	142	20	x 162
11	37	188	x 80	140	21	x 160
14	35	185	x 85	142	21	x 160
15	40	193	x 85	143	20	166
10	35	190	x 85	140	20	x 163
195	35	188	x 88	142	20	x 161
198	35	185	x 82	142	20	x 163
216	40	x 173	x 85	140	20	166
219	35	187	91	140	20	165
64	35	x 177	x 85	138	20	x 162
62	34	185	83	140	22	166
70	35	x 174	x 85	~~154~~ 140	25	x 164
71	35	x 180	x 85	139	22	x 162
73	35	x 175	x 85	141	23	x 164
74	35	183	x 85	146	20	168
67	35	x 177	x 80	142	20	167
65	35	187	x 78	137	20	x 164
192	36	x 181	x 85	140	20	167
193	35	190	x 86	141	20	165
278	36	187	x 88	141	25	166
271	31	190	x 86	141	20	169
287	38	192	x 88	144	20	166
288	30	190	x 85	140	24	167
285	37	189	x 87	138	~~38~~ 24	x 164
291	33	190	x 84	142	~~14~~ 20	168
146	34	187	91	140	20	x 161
147	36	185	x 89	145	25	171