Quality Assurance – Early Warning Report

TOYOTA | LEXUS

TQCN DOC#:	RTS#:	RTS Disposition:	TMS QA Dept:	Assigned PE:	Distribution Date:
EVRG101821C	13412-1	Forward	QA-Powertrain	STEGERT	1/24/02

Report Source:	Primary Model:	Model Year:	Production Date:	Miles:	VIN: (CONFIRM 17 DIGITS)
FPE	ES 300	2002	10-2001	1105	JTHBF30G420[redacted]

Condition Title:	Author:	Dealer Code:
SURGE ON ACCELERATION - A/F SENSOR FAILURE	*MATT HENNESSEY*	64204

Do not type in shaded fields - Input from TQCN attributes:

Problem Area:	Problem Type:
☒ Base Vehicle | ☐ PPO/DIO	☐ Manufacturing | ☐ Design | ☐ Durability | ☒ New Model

Optional Approval:	Ref#:	Repair Date:	Dealer Name:
	18391	1/18/02	Sewell Lexus

Condition Description:

Customer states the vehicle surges when accelerating from a stop.

No Diagnostic Trouble Codes are present.
A Snapshot was taken with the Scan Tool and it attached to this document.

surge.zip

Probable Cause:

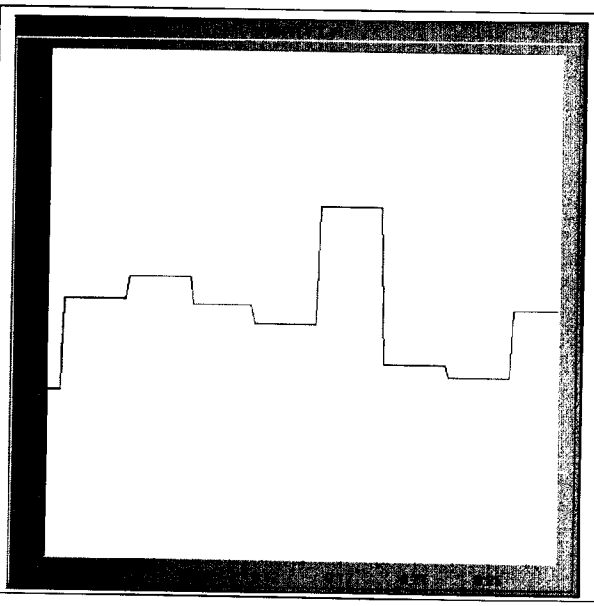
The Short Fuel Trim #1 is very erratic.
When the throttle is opened short fuel trim goes to 19.5%. When the throttle is closed it is –14%
A/F sensor failure

Failed Part # 1:	Failed Part # 2:	Failed Part # 3:	Part shipped to: / Date:	Attachment:
8946733060			Tom Steger 1/18/02	Part/picture/snapshot

Remedy:

Replacing the Bank 1 A/F sensor repaired the vehicle.
Production Date of A/F sensor 09C29

Failed Part



Short FT#1

TQCN DOC#:	RTS#:	RTS Disposition:	TMS QA Dept:	Assigned PE:		Distribution Date:
EVRG101821C	13412-1	Forward	QA-Powertrain	STEGERT		1/24/02
Report Source:	**Primary Model:**	**Model Year:**	**Production Date:**	**Miles:**	**VIN: (CONFIRM 17 DIGITS)**	
FPE	ES 300	2002	10-2001	1105	JTHBF30G420[redacted]	
Condition Title: SURGE ON ACCELERATION - A/F SENSOR FAILURE				**Author:** *MATT HENNESSEY*		**Dealer Code:** 64204

Parts Recovery Control Sheet

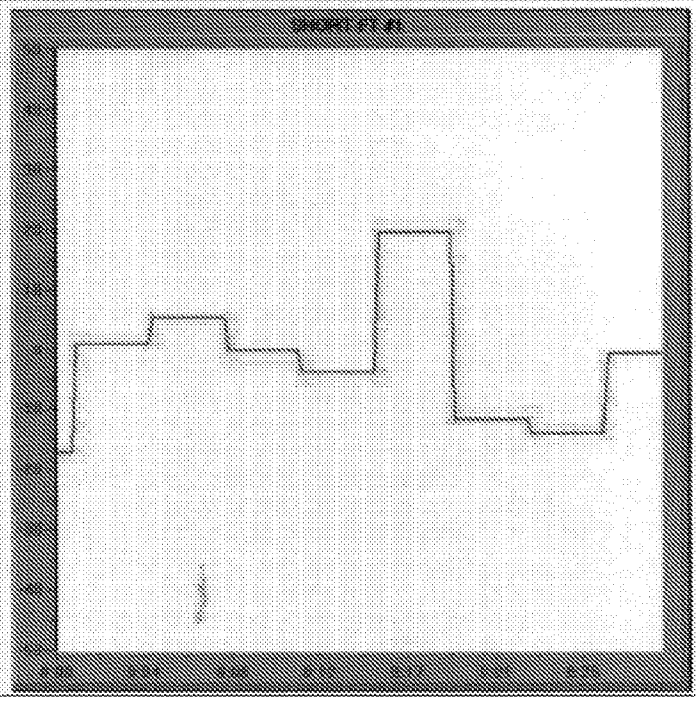
Powertrain - 2199 Chassis – 2399 Electrical – 2599 Body/Paint – 2799 Accessory – 3500

Ship to TMS Line Code: 2115 **Shipping Tracking #:**

	Date Shipped	Part Number	Part Name	Qty.	Comments:
1	1/25/02	89467-33060	A/f sensor	1	Shipped to Tom Steger
	VIN #	Prod. Date	Repair Date	Mileage	Unit Cost (1/4)
2					
3					
4					
5					
6					
7					
8					

Destination:	Circle One		
	TMC	TMMNA	Other:

For PRC Use:	Date Received	Date Shipped	Not Found	Located	Notes



Quality Assurance – Early Warning Report

TOYOTA | LEXUS

TQCN DOC#:		RTS#:	RTS Disposition:	TMS QA Dept:	Assigned PE:		Distribution Date:
EVOK107921A		14867-1	Forward	QA-Powertrain	JARBOEM		3/21/02
Location:	**Source:**	**Primary Model:**	**Model Year:**	**Production Date:**	**Miles:**	**VIN: (CONFIRM 17 DIGITS)**	
TMS	FPE	Camry	2002		2610	4T1BF30K82U[redacted]	
Condition Title: **Electronic Control ECM Surge**					**Author:** *KEVIN PILOTTE*		**Dealer Code:**

Do not type in shaded fields - Input from TQCN attributes:

Problem Area: ☒ Base Vehicle | ☐ PPO/DIO		Problem Type: ☒ Manufacturing | ☐ Design | ☐ Durability | ☐ New Model	
Optional Approval:	**Ref#:**	**Repair Date:** 3/12/02	**Dealer Name:** Modern Toyota

Condition Description:

Customer complains of severe engine surge on light to moderate acceleration at operating temperature. Writer was able to duplicate condition by holding engine speed in Park at 3500 RPM for 3 minutes. Engine performed as if it was going into fuel cut. No MIL. Very noticeable up to 60 mph.

Probable Cause:

Short Term Fuel Trim, AF B1 S1, ranged from -16% to +16%; rapidly fluctuating. A/F sensor defective.

Failed Part # 1:	Failed Part # 2:	Failed Part # 3:	Part shipped to: / Date:	Attachment:
8946733060			See below	

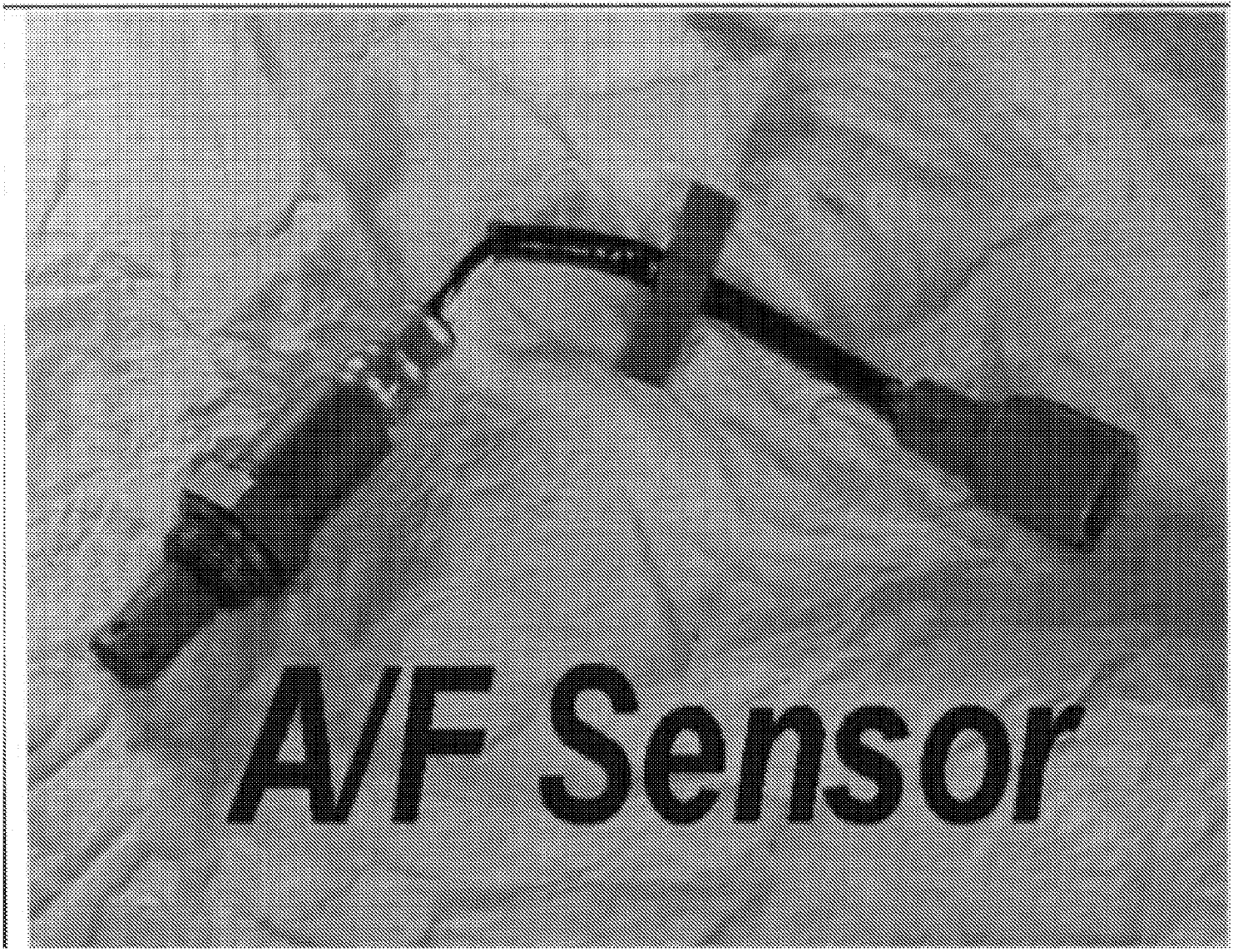
Remedy:

Technician replaced A/F sensor B1 S1 to correct condition.

Picture of defective A/F sensor

Delete This Comment & Place Picture #2 here	Delete This Comment & Place Caption #2 here

TOY-RQ-00073357


A/F Sensor

TOYOTA
FIELD TECHNICAL REPORT

CBU

DISTRIBUTOR 'S NAME TMS/USA	COUNTRY USA/LA	RTS NO.	APPROVAL DATE	REFERENCE	REPORT NO.	Page 1	ATTACHMENTS
		14915-1	3/27/02		FPCK108521		

VIN/FRAME NO.	ENGINE NO	KM	PRODUCTION DATE	PURCHASE DATE	REPAIR DATE
JTDBF32K420[redacted]		MILES			

MODEL: Camry

SUBJECT: 2002MY Camry (1MZ-FE) Engine "Surging" at Cruise

EARLY WARNING REPORT

INTRODUCTION:

The purpose of this communication is to report and summarize TMS concern with 2002MY Camry (1MZ-FE) Engine Surging at Cruise. TMS has identified an emerging issue with the 2002MY Camry and a "surging" condition that appears most often at steady cruising speeds. Initially this "surging" condition was thought to be directly related to the previously reported issue of A/F Ratio Sensor Failure for 2002MY ES 300 and Camry (1MZ-FE). The FTR document providing technical details for A/F Ratio Sensor Failure and the resulting "surging" condition is FTR #FPZG104521 dated 2/24/02. Vehicles are now being identified that exhibit this "surging" condition with no MIL "ON" and no obvious abnormal operation of the A/F Ratio Sensors.

CONDITION:

Customers and dealership technicians describe a "surging" or "slight misfire" sensation that can be felt mostly when cruising at a steady rate of speed but can also occur under acceleration. The most common scenario is detailed below:

Cruising Condition:

- Engine is at normal operating temperature
- No MIL "ON" or DTC present
- Steady vehicle cruising speed (between 40 – 45mi/h / 64 – 72km/h) on smooth road surface
- Transmission can be in either 3rd or 4th gear
- TCC (Torque Converter Clutch) can be either locked or unlocked
- Disabling the EGR System does not affect the condition

02MY V6 カムリのサージ苦情について、
ご報告いたします。
引き続き、市場から詳細状況を収集して
まいります。
添付データを調査・解析いただきますよう
お願いいたします。 藤原

Acceleration Condition:

- Engine is at normal operating temperature
- No MIL "ON" or DTC present
- Vehicle is under light to moderate acceleration (21 – 30% Throttle Angle) on smooth road surface
- Can be reproduced starting from a stop or moderate acceleration from steady cruising speed

The following TechView snapshots have been captured for each condition described above and are attached with the vehicle information.

Writer	SUPERVISOR/DEPT. MANAGER	JAPAN STAFF
Michael Jarboe	*Gary Heine*	*NAOMITSU KAWAKAMI*

PLEASE DO NOT PLACE TEXT BELOW THIS LINE
FTR-CBU TEMPLATE (ver. 3/99)

TECHVIEW DATA:

VIN	P/D	Miles	Condition
JTDBF32K420[redacted]	11/01	1,558	Described as "surging" or "erratic hesitation" by customer

"02 Camry Surge.zip'

The attached TechView file above contains 3 separate snapshots:

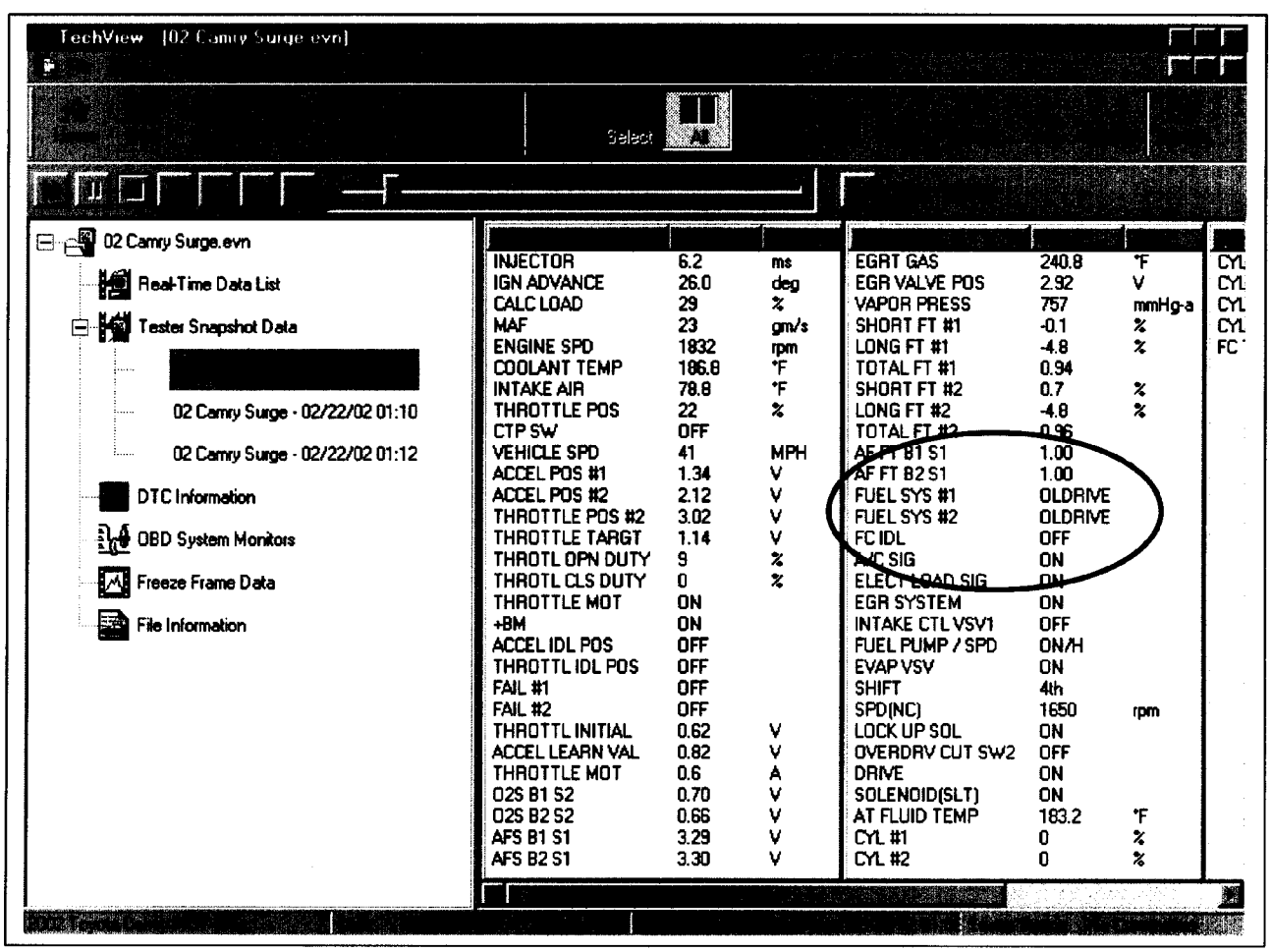
Snapshot #1 (02 Camry Surge – 02/22/02 01:08) is surge during acceleration from 40 – 60mi/h

Snapshot #2 (02 Camry Surge – 02/22/02 01:10) is surge during steady cruise @ 40 – 42mi/h

Snapshot #3 (02 Camry Surge – 02/22/02 01:12) is also surge during steady cruise @ 39 – 40mi/h

*None of the captured snapshots indicate any malfunction or abnormal operation of the A/F Ratio Sensors. Both sensors had been replaced in an attempt to correct the "surging" condition but had no effect.

In Snapshot #1, during acceleration the FUEL SYS #1 and FUEL SYS #2 are in "OLDRIVE" status instead of "CL" or closed loop status until 2.8 seconds into the Snapshot. This is the only abnormality apparent in the Data List during the "surging" condition. Please see screen capture below:



REMEDY:
There is no corrective action available at this time.

MARKET SUMMARY:
Due to the early detection and identification of this issue, Warranty Data is not yet available related to this condition. TMS has received 1 Early Warning Report with an additional 5 cases of 2002MY Camry (1MZ-FE) with the "surging" issue outlined above. TMS QAP Product Engineer has discussed and reviewed this condition with the TMC Mr. MIL (Mr. Miura) representative. Mr. MIL has been able to duplicate the "surging" condition on a TMS Internal Fleet Vehicle and is currently reviewing possible causes.

REQUESTS:
TMS requests TMC to investigate this issue to determine the root cause for the "surging" condition. Determine if the A/F Ratio Sensor(s) play any role in the occurrence of this condition. Provide T.I. and Draft TSB.

Distribution List (email notification):

View Access:

Reviewers:

INTRODUCTION:

CONDITION:

CAUSE:

REMEDY:

MARKET SUMMARY:

REQUESTS:

MARKET INFORMATION:

DISTRIBUTOR'S NAME	COUNTRY	RTS NO.	APPROVAL DATE	REFERENCE	REPORT NO.	Page
TMS/USA	USA/LA	14915-1			FPOX108821	2

TECHVIEW DATA:

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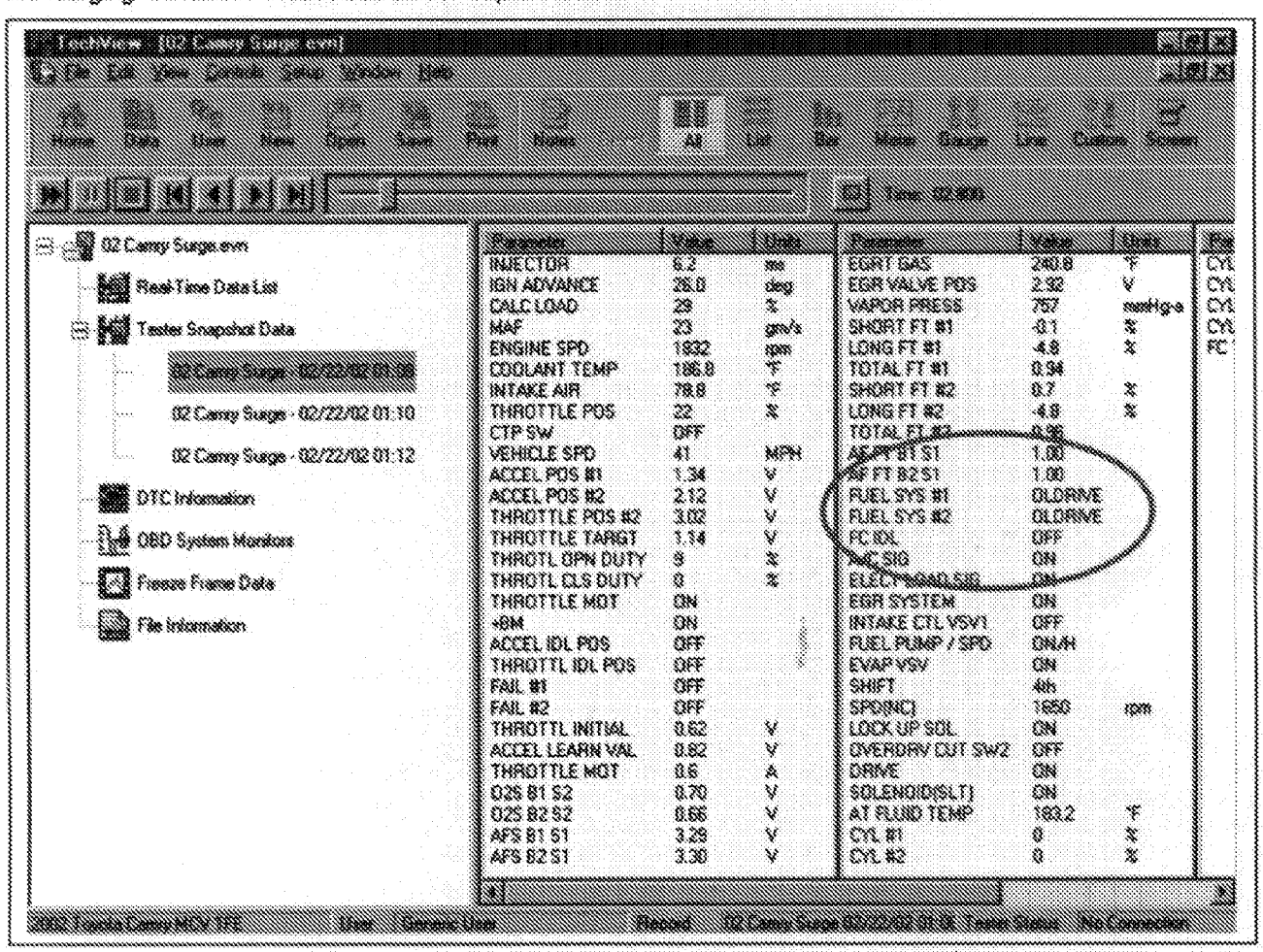

TOYOTA
FIELD TECHNICAL REPORT

CBU

DISTRIBUTOR 'S NAME TMS/USA	COUNTRY USA/LA	RTS NO.	APPROVAL DATE	REFERENCE	REPORT NO.	Page 1	ATTACHMENTS
		14867-1	5/20/02		FPCK113521		

VIN/FRAME NO.	ENGINE NO	KM	PRODUCTION DATE	PURCHASE DATE	REPAIR DATE
N/A		MILES			

MODEL: Camry, ES 300

SUBJECT: 2002MY Camry (1MZ-FE) Engine Surging Issue

INTRODUCTION:
The purpose of this report is to inform TMC of:

テキサス州でのお客様苦情車現認結果を、ご報告いたします。
お客様は、「サージ」「シャター」等の表現を使用されておりますが、本件市場での発生状況を把握していく予定です。

- The results of the TTC / TMS "Go and See" Investigation activity held at GST during the week of 5/6/02
- The current market status / impact of the 1MZ-FE Engine Surging Issue

TMS COMMENTS:

苦情車からのデータを基に、対策検討をお願いいたします。 藤原

As previously communicated via UTA (UTA #UPCK110721 dated 4/24/02) during the week of 5/6/02 TMS and TTC-LA conducted a "Go and See" activity at dealers in the Houston and Longview, TX areas for the 2002MY Camry 1MZ-FE Engine Surging issue. The purpose of the activity was to:

1. Confirm the actual "surge" level using customer complaint vehicles under local area driving and road conditions
2. Determine the potential cause of the "surge" and confirm responsibility for TMC

The two dealers involved with the "Go and See" activity were Fred Hass Toyota in Houston, TX and Toyota of Longview in Longview, TX. Each dealer prepared two confirmed customer complaint vehicles and new dealer in-stock vehicles to utilize during the investigation. The dealer information, vehicles information and the results found at each dealer are outlined below in Chart 1 and 2.

Chart 1: Fred Haas Toyota - Houston, TX (5/7/02)

No.	VIN	P/D	Miles	Grade	Customer Vehicle?
1	4T1BF32K92U[redacted]	8/01	8,642	XLE	YES – Complaint Vehicle
2	4T1BF32K72U[redacted]	8/01	11,212	LE	YES – Complaint Vehicle
3	4T1BF32K12U[redacted]	10/01	7	LE	NO – New Dealer In-Stock

Chart 2: Toyota of Longview - Longview, TX (5/8/02)

No.	VIN	P/D	Miles	Grade	Customer Vehicle?
4	4T1BF32K42U[redacted]	8/01	12,398	LE	YES – Complaint Vehicle
5	JTDBF32K420[redacted]	11/01	3,652	XLE	YES – Complaint Vehicle
6	4T1BF32K62U[redacted]	12/01	117	LE	NO – New Dealer In-Stock

Writer	SUPERVISOR/DEPT. MANAGER	JAPAN STAFF
Michael Jarboe	*Gary Heine*	*NAOMITSU KAWAKAMI*

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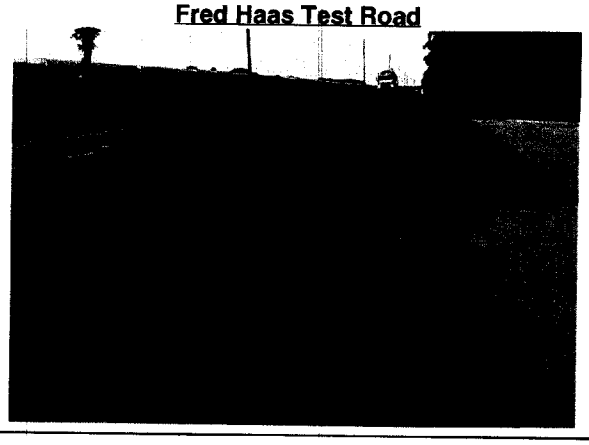
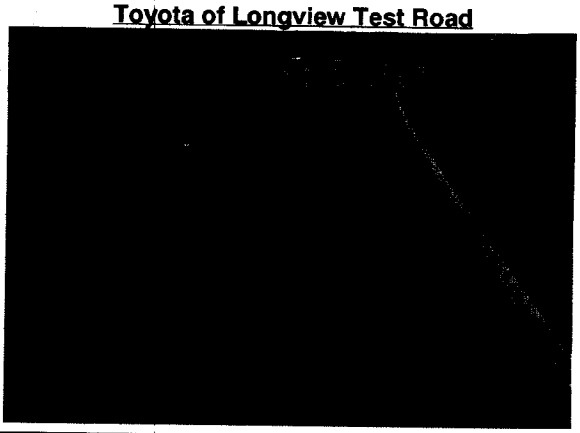
TESTING CRITERIA:

All vehicles tested were driven by TMS / TTC engineers and the GST Regional FTS and FPE to provide the best objective evaluation of the "surging" condition. All vehicles were tested and evaluated on flat to slight uphill road profiles (2 ~ 3% grade) with smooth surfaces. Illustrations of the actual test roads are provided below:

Fred Haas Test Road

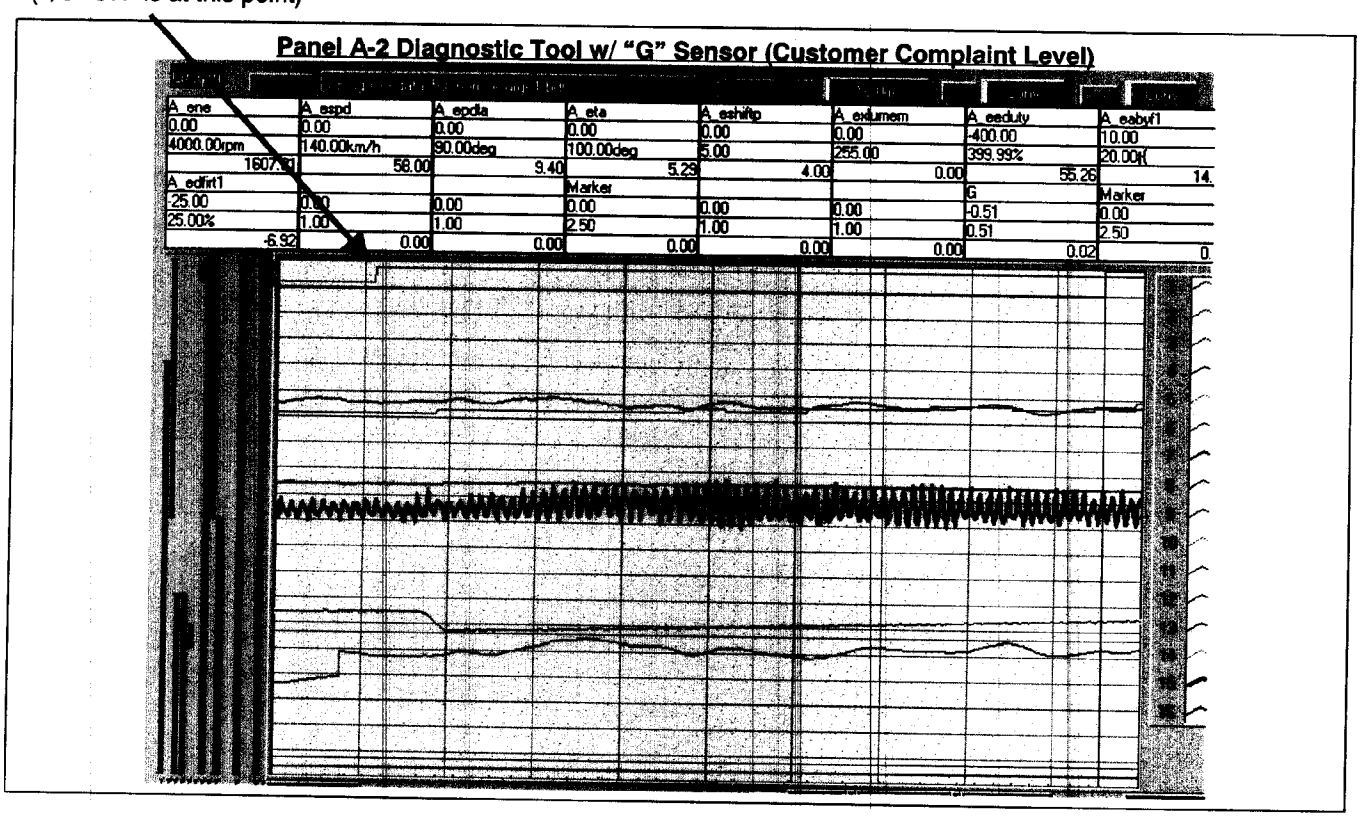


Toyota of Longview Test Road



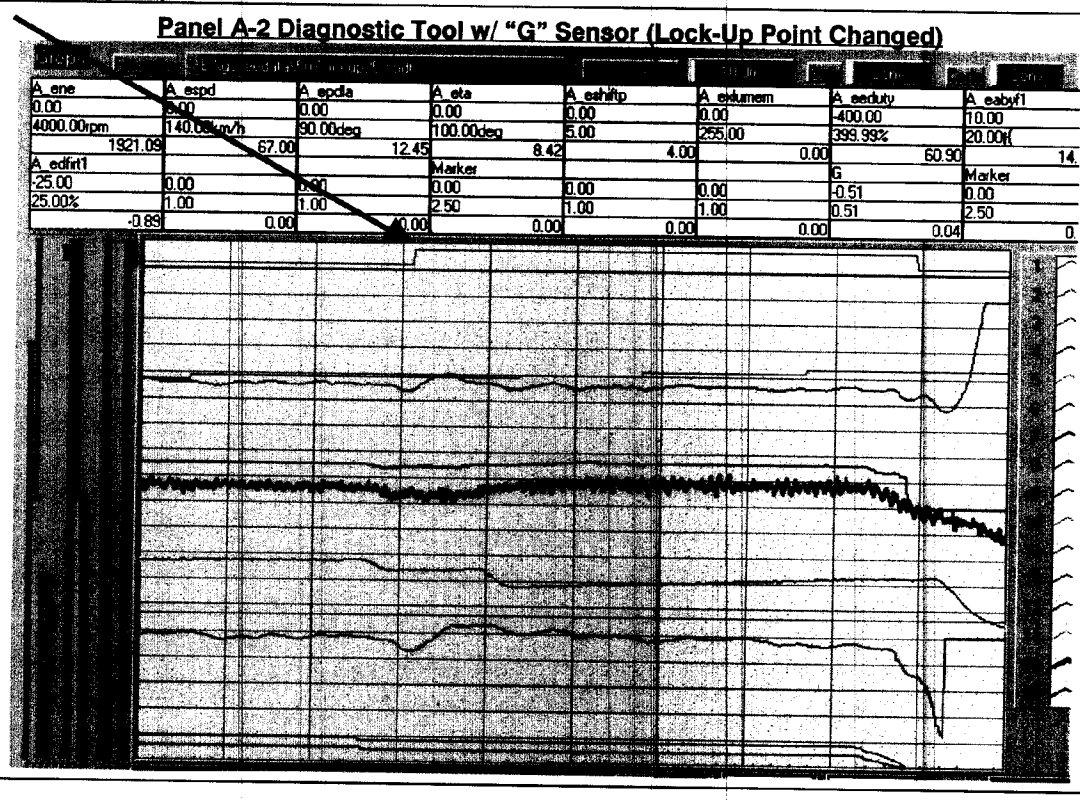
All vehicles tested, both customer complaint **and** new dealer in-stock units, exhibited the "surging" condition between 38 ~ 42 mi/h, transmission in 4th gear, L/U "ON" (Lock-Up). Throttle input was 13 ~ 15% with the vehicle maintaining a steady cruise. It was agreed by both TTC and TMS engineers that the "surging" condition experienced on the customer and dealer vehicles was equal to the TMS Internal Fleet Vehicle previously evaluated by TTC, TMS and TMC.
Using Vehicle No. 2 described in Chart 1, TTC and TMS engineers installed a Panel A-2 diagnostic tool including the installation of a "G" sensor on the front passenger seat mounting rail. This allowed for the precise measurement of the longitudinal forces that were experienced during the "surging" condition. Measurements were taken during the "surging" condition with L/U coming on at 38 mi/h. The measured frequency was **8hz** with the "G" sensor reading a **0.1G** force **during** the "surging" condition. The Panel A-2 screen is shown below with the **RED** line indicating the "G" sensor signal and the **GREEN** line indicating L/U operation.
(L/U "ON" is at this point)

Panel A-2 Diagnostic Tool w/ "G" Sensor (Customer Complaint Level)



The second test involved changing the shift schedule to move the point at which L/U (Lock-Up) would occur. The L/U point was changed from 38 mi/h to 44 mi/h to evaluate what effect it would have on the "surging" condition. Vehicle No. 2 was then driven and measurements taken. The Panel A-2 diagnostic tool showed that the "G" sensor detected the same **8hz** amplitude but the G force had been significantly reduced from **0.1G** to **0.04G during** the "surging" condition. The Panel A-2 screen is shown below with the **RED** line indicating the "G" sensor signal and the **GREEN** line for L/U. (L/U "ON" is at this point)

Panel A-2 Diagnostic Tool w/ "G" Sensor (Lock-Up Point Changed)



NOTE: Both TMS / TTC engineers and the GST Regional FTS and FPE agreed that the "surging" condition was eliminated after the change to the shift schedule L/U point.

Several testing conditions were utilized to evaluate what changes that EGR operation, EVAP Purge and the A/F feedback would have on the "surging" condition. No differences were noticed in the "surging" condition with these systems disabled. A summary outlining the specific details of the testing conditions is attached below:

"Go and see summary.doc"

CAUSE:

The root cause of the "surging" condition remains unknown. However, as previously mentioned, changes made to the shift schedule for L/U (Lock-Up) during the testing / evaluation made the "surging" condition disappear.

REMEDY:

No known remedy exists for the "surging" condition at this time.

MARKET SUMMARY:

TMS has researched the impact the 1MZ-FE "surging" condition is having in the U.S. market. Due to the specific nature of the "surging" condition and that it is only a **feeling** experienced by the customer, it is difficult to determine the true scope and impact that this issue is currently having. Customers have described the condition many different ways (e.g. surging, shudder, hesitation), therefore it is very difficult to categorize and separate this issue from other potential vehicle concerns.

To better quantify the "surging" issue, an analysis of confirmed field reports and CR Data was performed. As of the date of this report, the number of confirmed "surging" occurrences is summarized below:

- 16 Confirmed Field Reports (includes EWR's, TAS Contacts)
- Reported as a Regional Top Technical Concern for CATD and GST Regions
- The SET, CATD, GST, Los Angeles and Denver Regional Offices have reported customers experiencing the "surging" condition

Associates from TMS and TMMNA are currently involved with a Camry Market Survey activity in the SET Region. During this Market Survey activity, Del Mar Toyota in Florida brought the "surging" issue to the attention of the Market Survey participants. The dealer stated that they have had multiple customer complaints on 2002MY Camry 1MZ-FE for "surging". Additionally, Mr. Andy Kondo, Japan Staff Coordinator for the SET Region and Mr. Hiroshi Yamashita, Coordinator for TMMNA -QD have experienced this "surging" condition using Mr. Kondo's 2002MY Camry Regional Fleet vehicle.

TMS believes that many actual "surging" complaints are hidden due to the customer description of the actual condition. TMS has analyzed TCS and LPS survey returns comparing customer complaints for 2001MY vehicles and 2002MY vehicles. The file attached below provides a detailed summary showing the number of problems per 100 for Camry 1MZ-FE for both "Engine" and "Transmission" have increased significantly.

"TCS vs IQS.xls"

LEXUS (ES 300) MARKET IMPACT:

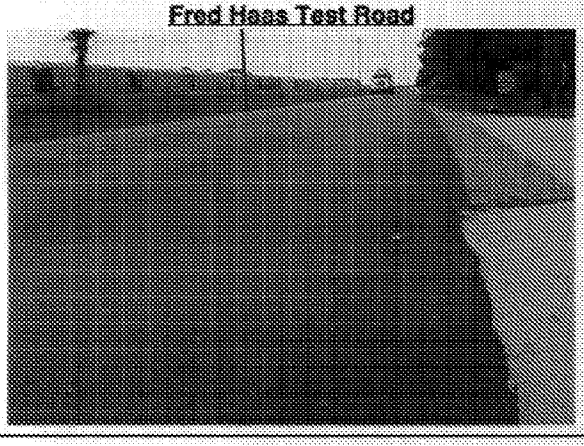
TMS has also examined the ES 300 for a possible link between the reported Camry 1MZ-FE Engine Surge issue and several reports of a similar condition for the 2002MY ES 300. Using the Lexus R.O. (Repair Order) Database, TMS has reviewed dealership service repair order information and found a significant number of customer complaints that are similar to the current "surging" condition on the 2002MY Camry. Customers and dealers describe a "surge", "studder" or "light shudder" during highway driving at speeds ranging from 40 ~ 55 mi/h. TMS feels that there may be some link between these customer complaints and the identified issue on the Camry. TMS created a Customer Survey for transmission issues related to the 2002MY ES 300. Through this survey, TMS identified customer complaints which describe a "surge", "shock" or "jerking" sensation between 40 ~ 60 mi/h. TMS believes that these customer complaints may be linked to the "surging" issue on the Camry. A summary of the Customer Survey including the customer verbatim comments is contained in the file below.

"02-05-14 ES300 AT Customer Survey.xls

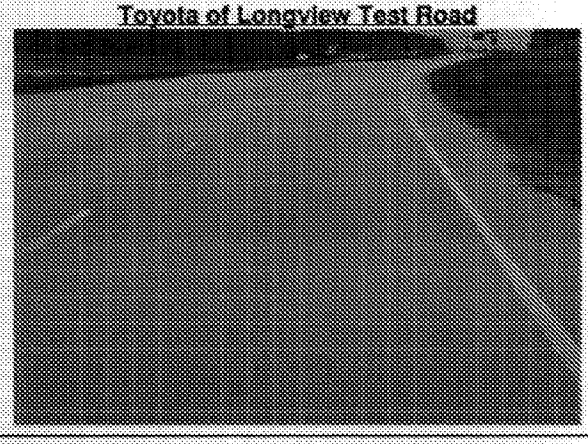
NOTE: As was confirmed during the TMS / TTC "Go and See" activity, new vehicles from the dealer stock also exhibited the "surging" condition. During diagnosis for issues such as this, it is normal practice for dealer technicians and Regional staff to compare customer complaint vehicles to new vehicles in an effort to determine if a specific condition is "normal" during the vehicle operation. Since both the customer complaint vehicle and the new vehicle act in a similar manner under the same driving conditions, in many cases the customer may be told that the "surging" condition is normal. TMS feels strongly that the actual number of customer complaints is much higher than what is visible via Field Reports and TAS (Technical Assistance Hotline). Since even new vehicles exhibit the "surging" condition, every new Camry has the potential for customer complaints.

TESTING CRITERIA:
All vehicles tested were driven by TMS / TTC engineers and the GST Regional FTS and FPE to provide the best objective evaluation of the "surging" condition. All vehicles were tested and evaluated on flat to slight uphill road profiles (2 ~ 3% grade) with smooth surfaces. Illustrations of the actual test roads are provided below:

Fred Haas Test Road

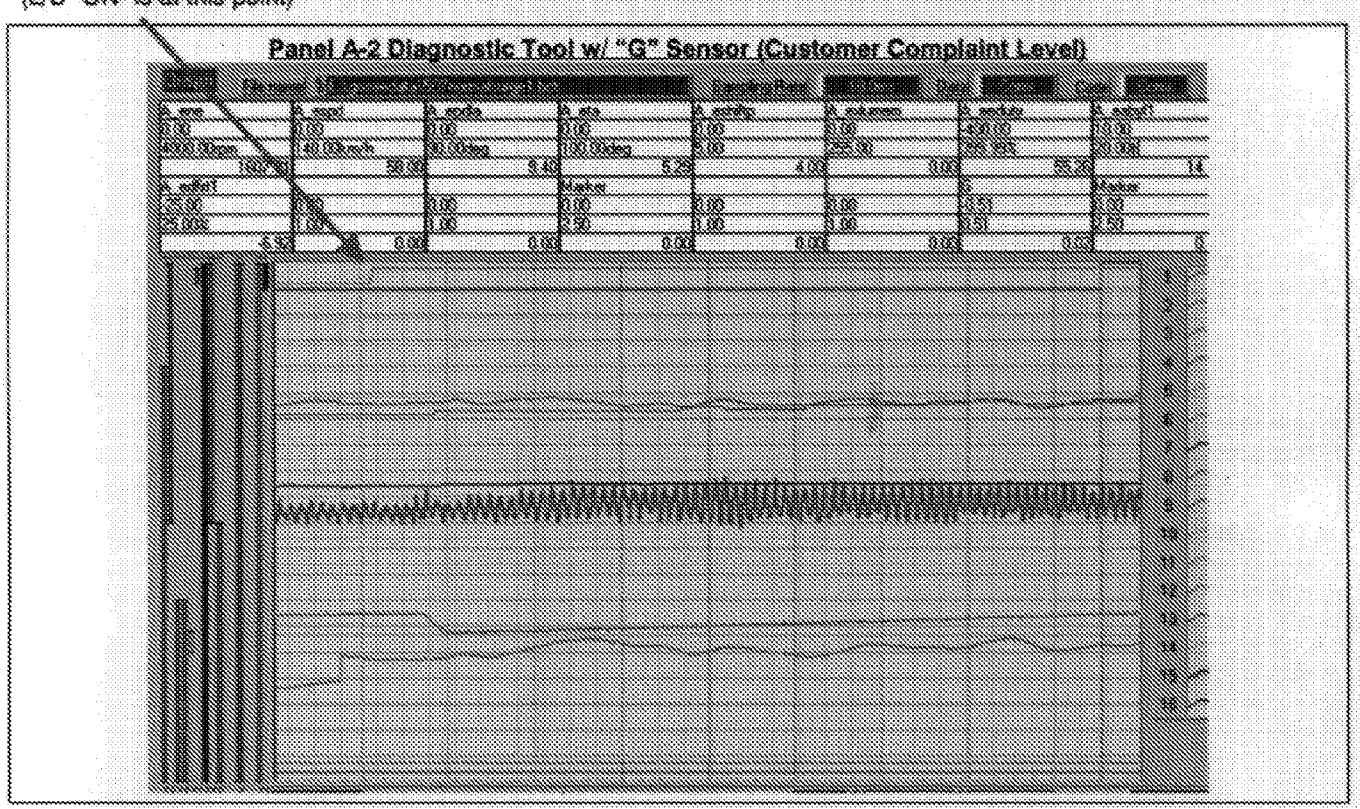


Toyota of Longview Test Road



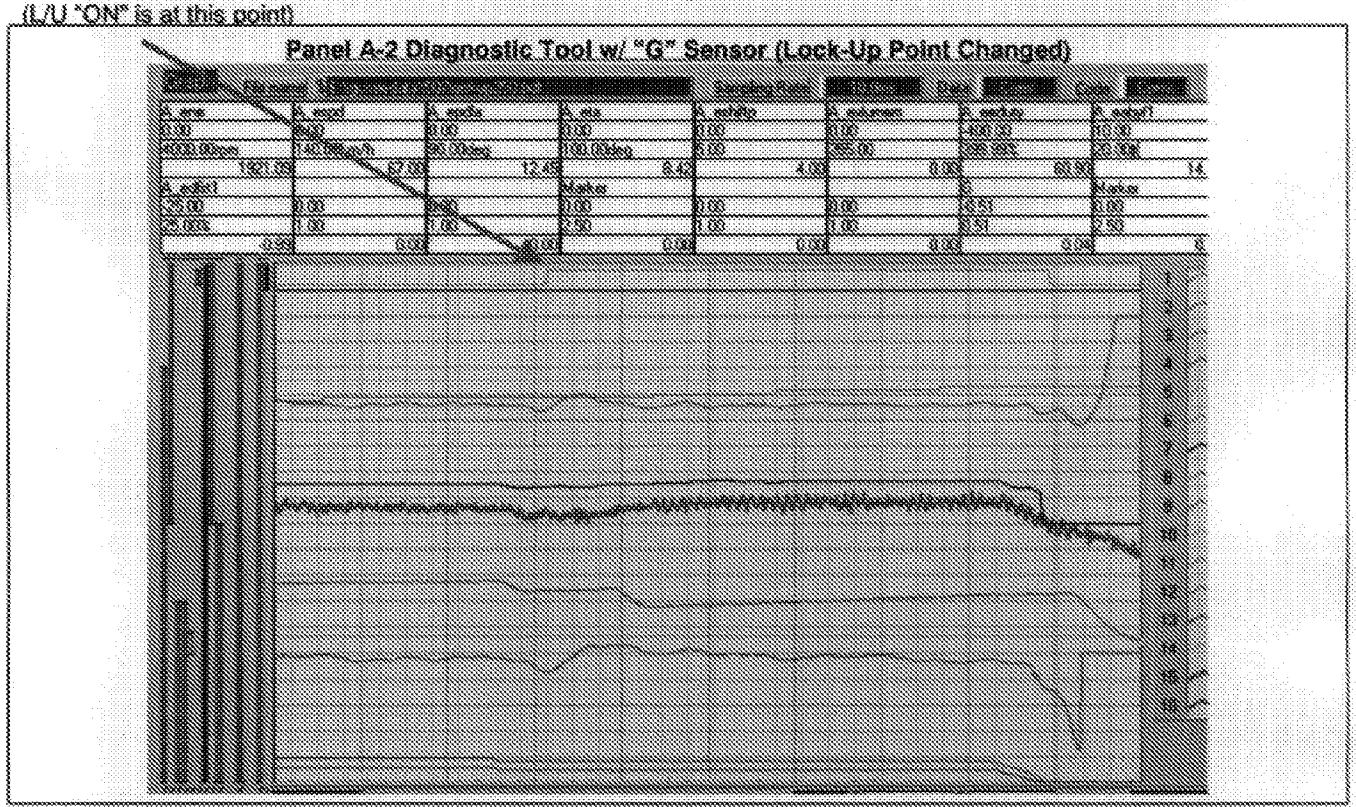
All vehicles tested, both customer complaint **and** new dealer in-stock units, exhibited the "surging" condition between 38 ~ 42 mi/h, transmission in 4th gear, L/U "ON" (Lock-Up). Throttle input was 13 ~ 15% with the vehicle maintaining a steady cruise. It was agreed by both TTC and TMS engineers that the "surging" condition experienced on the customer and dealer vehicles was equal to the TMS Internal Fleet Vehicle previously evaluated by TTC, TMS and TMC.
Using Vehicle No. 2 described in Chart 1, TTC and TMS engineers installed a Panel A-2 diagnostic tool including the installation of a "G" sensor on the front passenger seat mounting rail. This allowed for the precise measurement of the longitudinal forces that were experienced during the "surging" condition. Measurements were taken during the "surging" condition with L/U coming on at 38 mi/h. The measured frequency was **6hz** with the "G" sensor reading a **0.1G** force **during** the "surging" condition. The Panel A-2 screen is shown below with the RED line indicating the "G" sensor signal and the GREEN line indicating L/U operation.
(L/U "ON" is at this point)

Panel A-2 Diagnostic Tool w/ "G" Sensor (Customer Complaint Level)



The second test involved changing the shift schedule to move the point at which L/U (Lock-Up) would occur. The L/U point was changed from 38 mi/h to 44 mi/h to evaluate what effect it would have on the "surging" condition. Vehicle No. 2 was then driven and measurements taken. The Panel A-2 diagnostic tool showed that the "G" sensor detected the same **8hz** amplitude but the G force had been significantly reduced from 0.1G to **0.04G during** the "surging" condition. The Panel A-2 screen is shown below with the RED line indicating the "G" sensor signal and the GREEN line for L/U. (L/U "ON" is at this point)

Panel A-2 Diagnostic Tool w/ "G" Sensor (Lock-Up Point Changed)



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"Go and see summary.doc"

CAUSE:
The root cause of the "surging" condition remains unknown. However, as previously mentioned, changes made to the shift schedule for L/U (Lock-Up) during the testing / evaluation made the "surging" condition disappear.

REMEDY:
No known remedy exists for the "surging" condition at this time.

Quality Assurance – Early Warning Report

TOYOTA | LEXUS

TQCN DOC#:		RTS#:	RTS Disposition:	TMS QA Dept:	Assigned PE:	Distribution Date:
EJYK115121		14867-1	Forward	QA-Powertrain	JARBOEM	6/4/02
Location:	**Source:**	**Primary Model:**	**Model Year:**	**Production Date:**	Mileage:	**VIN: (CONFIRM 17 DIGITS)**
TMS-DEN	FTS	Camry	2002	11-2001	3948	4T1BF32K12U[redacted]
Condition Title:					**Author:**	**Dealer Code:**
Engine Surge at Cruise					*JOE LANE*	43007

Do not type in shaded fields - Input from TQCN attributes:

Problem Area: ☒ Base Vehicle | ☐ PPO/DIO		Problem Type: ☐ Manufacturing | ☐ Design | ☐ Durability | ☒ New Model	
Dealer Name:43007	**Repair Date:**	**Ref#:**	**Optional Approval:**
Menlove Toyota	04/23/02		

Condition Description:

Customer States that the vehicle surges/vibrates under light throttle between 35-50 mph on a smooth flat road surface.

Probable Cause:

The condition occurs when the transmission shifts into Lock up. When Lock up disengages the condition stops. I used Active test on the Scan tool to control Lock up operation and found that when Lock up was engaged the vehicle surged/ vibrated and when I disengaged Lock up the surge/vibration stopped. I raised the vehicles front wheels off the ground and ran the vehicle up to 40mph and engaged the Lock up with the Scan tool. I found that the transmission and engine assemblies shook severely when Lock up was engaged. I also noticed that there is no engine mount to help support the engine and transmission assembly on the rear of the subframe. This seems to allow the engine and transmission assemblies to vibrate back and forth excessively during Lock up operation under light throttle, thus causing the surge/vibration condition.

Failed Part # 1:	Failed Part # 2:	Failed Part # 3:	Disposition of Failed Parts:
000000000000			

Remedy:

No action taken. Test drove two other like vehicles and they had the same condition. Possible engine and transmission support issue or ECM logic issue?

"02 Camry surge #1.evn"

Place Picture Caption Here

Quality Assurance – Early Warning Report

TOYOTA | LEXUS

TQCN DOC#:		RTS#:	RTS Disposition:	TMS QA Dept:	Assigned PE:	Distribution Date:
EJYK115421		14867-1	Forward	QA-Powertrain	JARBOEM	6/4/02
Location:	**Source:**	**Primary Model:**	**Model Year:**	**Production Date:**	Mileage:	VIN: (CONFIRM 17 DIGITS)
TMS-DEN	FTS	Camry	2002	10-2001	1881	4T1BF32K02U[redacted]
Condition Title:					**Author:**	**Dealer Code:**
Engine Surge at Cruise					*JOE LANE*	43020

Do not type in shaded fields - Input from TQCN attributes:

Problem Area: ☒ Base Vehicle | ☐ PPO/DIO		Problem Type: ☐ Manufacturing | ☐ Design | ☐ Durability | ☒ New Model	
Dealer Name:	**Repair Date:**	**Ref#:**	**Optional Approval:**
Mark Miller Toyota-43020	4/30/02		

Condition Description:

Customer states that the vehicle surges at 40 mph under light throttle.

Probable Cause:

I used Active test on the Scan tool to control Lock up operation and found that when Lock up was engaged the vehicle surged/vibrated and when I disengaged Lock up the surge/vibration stopped. It seems that the Torque converter becomes out of balance and shakes the engine and transmission assemblies excessively under light throttle. I also noticed that there is no engine mount to help support the engine and transmission assembly on the rear of the subframe. This seems to allow the engine and transmission assemblies to vibrate back and forth excessively during Lock up operation under light throttle. Possible engine and transaxle support issue or ECM logic issue?

Failed Part # 1:	Failed Part # 2:	Failed Part # 3:	Disposition of Failed Parts:
0000000000			

Remedy:

No action taken. Compared with another like vehicle and it had the same condition.

Place Pic "02 Camry surge #2.evn" ture Here	Place Picture Caption Here
Place Picture #2 here	Place Caption #2 here

TOY-RQ-00073406

TOYOTA | LEXUS **FIELD TECHNICAL REPORT** CBU

DISTRIBUTOR'S NAME	COUNTRY	RTS#	APPROVAL DATE	REFERENCE	TQCN REPORT#	
TMS/USA	USA/LA	13412-3	6/28/02		FPRG117621	Page 1 of 6
VIN	ENGINE#	MILES	PRODUCTION DATE	PURCHASE DATE	REPAIR DATE	
JTHBF30G*2*						

MODEL: ES 300, Camry

SUBJECT: A/F SENSOR AFTER C/M MIL ON/SURGE

INTRODUCTION:

The purpose of this report is to provide five A/F sensors built after the latest counter measure for examination by TMC. TMS has identified 3 2002 ES300 with MIL "ON" or drivability concerns related to A/F sensor failure after latest countermeasure VIN breaks listed in TI-TK1AKA1058218 dated 2/27/02.

対策センサでの再発が懸念されます。
回収品を調査いただき、原因究明・対策をお願いいたします。 藤原

CONDITION:

- Two Possible complaints of A/F sensor failure
  - MIL light "ON" with DTC P1155
  - Customer complaint of surge during steady cruise 30 – 40 mph (48-64 km/hr)
    - Technician noticing erratic voltage changes and sweeping Fuel Trim values

VEHICLE INFORMATION:

- Information on 5 A/F sensors recovered from 3 vehicles is in the chart below

#	VIN	CCR DESCRIPTION	PART NUMBER	DATE CODE	MILEAGE
1	JTHBF30G420[redacted]	P1155	89467-33060	04D10	192
		P1155	89467-33050	04D05	192
2	JTHBF30G020[redacted]	SHUDDER / SURGE	89467-33060	02D28	494
		SHUDDER / SURGE	89467-33050	02D28	494
3	JTHBF30G925[redacted]	SHUDDER / SURGE	89467-33060	03D21	14

- These sensors will be shipped with the report
- Techview file from Vehicle #3 A/F sensor is attached below

TechView2.evn

REMEDY:

- Vehicles were repaired by replacing A/F sensor

WRITER	SUPERVISOR/DEPT. MANAGER	JAPAN STAFF
JOSEPH LETOILE	*Gary Heine*	*NAOMITSU KAWAKAMI*

Comments:

- TMS was not able to duplicate condition when A/F sensor was installed in Test Vehicle.

REQUESTS:

- Please provide results of examination of A/F sensors via TI format
- Please provide VIN breaks for Toyota Motor Manufacturing Kentucky (TMMK) production vehicles for second countermeasure listed in TI-TK1AK1058218
- Please provide countermeasure information if any changes were made as a result of examination of A/F sensors included with this report

TOYOTA | LEXUS

TQCN DOC#:		RTS#:	RTS Disposition:	TMS QA Dept:	Assigned PE:	Distribution Date:
E8NG107131		17992-1	Forward	QA-Powertrain	MALONEYB	3/13/03
Location:	**Source:**	**Primary Model:**	**Model Year:**	**Production Date:**	**Mileage:**	**VIN: (CONFIRM 17 CHARACTERS)**
TMS-LEA	FTS	ES 300	2002	04-2002	9931	JTHBF30G325[redacted]
Condition Title:					**Author:**	**Dealer Code:**
Vehicle Surges Under Acceleration - A/F Sensor					*Brant Baird*	61902

Do not type in shaded fields - Input data from Web page or RDM:

Problem Area: ☒ Base Vehicle | ☐ PPO/DIO		Problem Type: ☐ Manufacturing | ☐ Design | ☐ Durability | ☒ New Model	
Dealer Name:	**Repair Date:**	**Ref#:**	**Optional Approval:**
Len Stoler Lexus	1/17/03	23450	

Condition Description:

Customer complains that the vehicle surges when driving up hills or under steady acceleration.

Probable Cause:

When analyzing the Techview data, the B1S1 A/F sensor was reading very erratically as compared to the B2S1 sensor. There were no codes for the sensor although it was operating erratically.

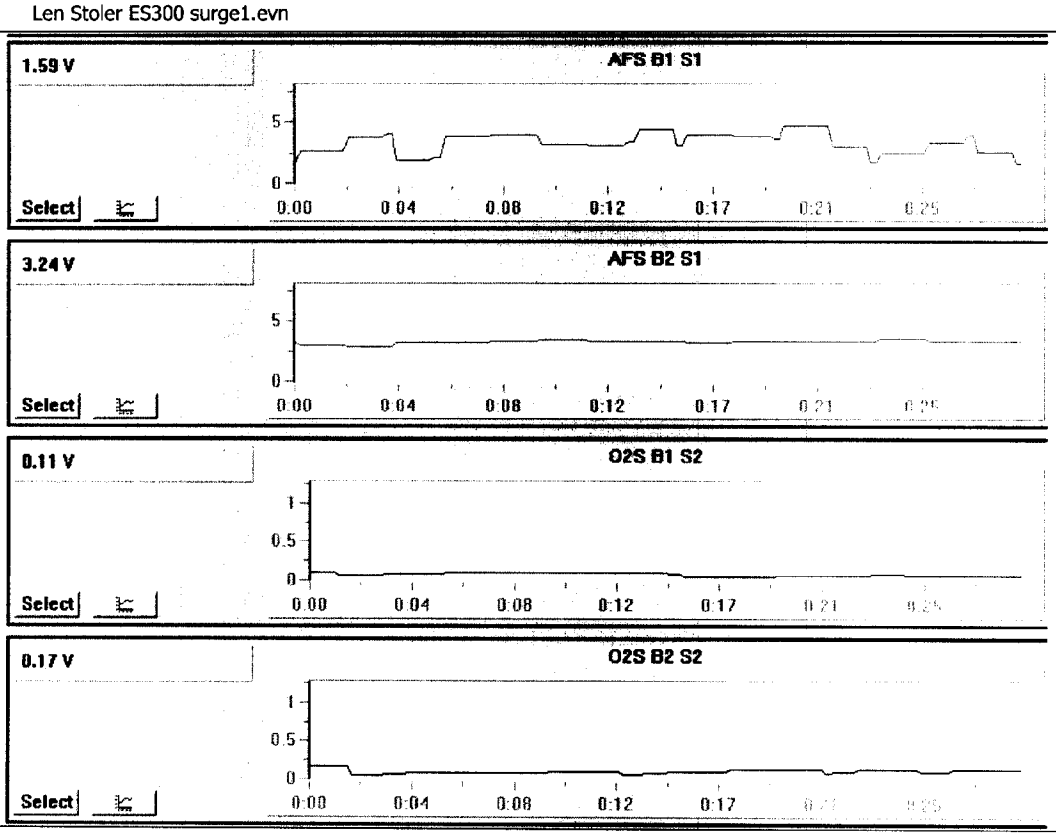
Failed Part # 1:	Failed Part # 2:	Failed Part # 3:	Disposition of Failed Parts:	Parts Shipping Destination:
8946733060			Have part / will ship	2113

Remedy:

Replacing the B1S1 A/F sensor corrected the surging condition. Techview file is attached.

Len Stoler ES300 surge1.evn

Techview data



TOY-RQ-00073700

TOYOTA | LEXUS

TQCN DOC#:		RTS#:	RTS Disposition:	TMS QA Dept:	Assigned PE:	Distribution Date:
E8NG107131		17992-1	Forward	QA-Powertrain	MALONEYB	3/13/03
Location:	**Source:**	**Primary Model:**	**Model Year:**	**Production Date:**	Mileage:	VIN: (CONFIRM 17 CHARACTERS)
TMS-LEA	FTS	ES 300	2002	04-2002	9931	JTHBF30G325[redacted]
Condition Title:					**Author:**	**Dealer Code:**
Vehicle Surges Under Acceleration - A/F Sensor					*Brant Baird*	61902

A/F sensor PN info

A/F sensor

TQCN DOC#:		RTS#:	RTS Disposition:	TMS QA Dept:	Assigned PE:		Distribution Date:
E8NG107131		17992-1	Forward	QA-Powertrain	MALONEYB		3/13/03
Location:	**Source:**	**Primary Model:**	**Model Year:**	**Production Date:**	Mileage:	VIN: (CONFIRM 17 CHARACTERS)	
TMS-LEA	FTS	ES 300	2002	04-2002	9931	JTHBF30G325[redacted]	
Condition Title:					**Author:**		**Dealer Code:**
Vehicle Surges Under Acceleration - A/F Sensor					*Brant Baird*		61902

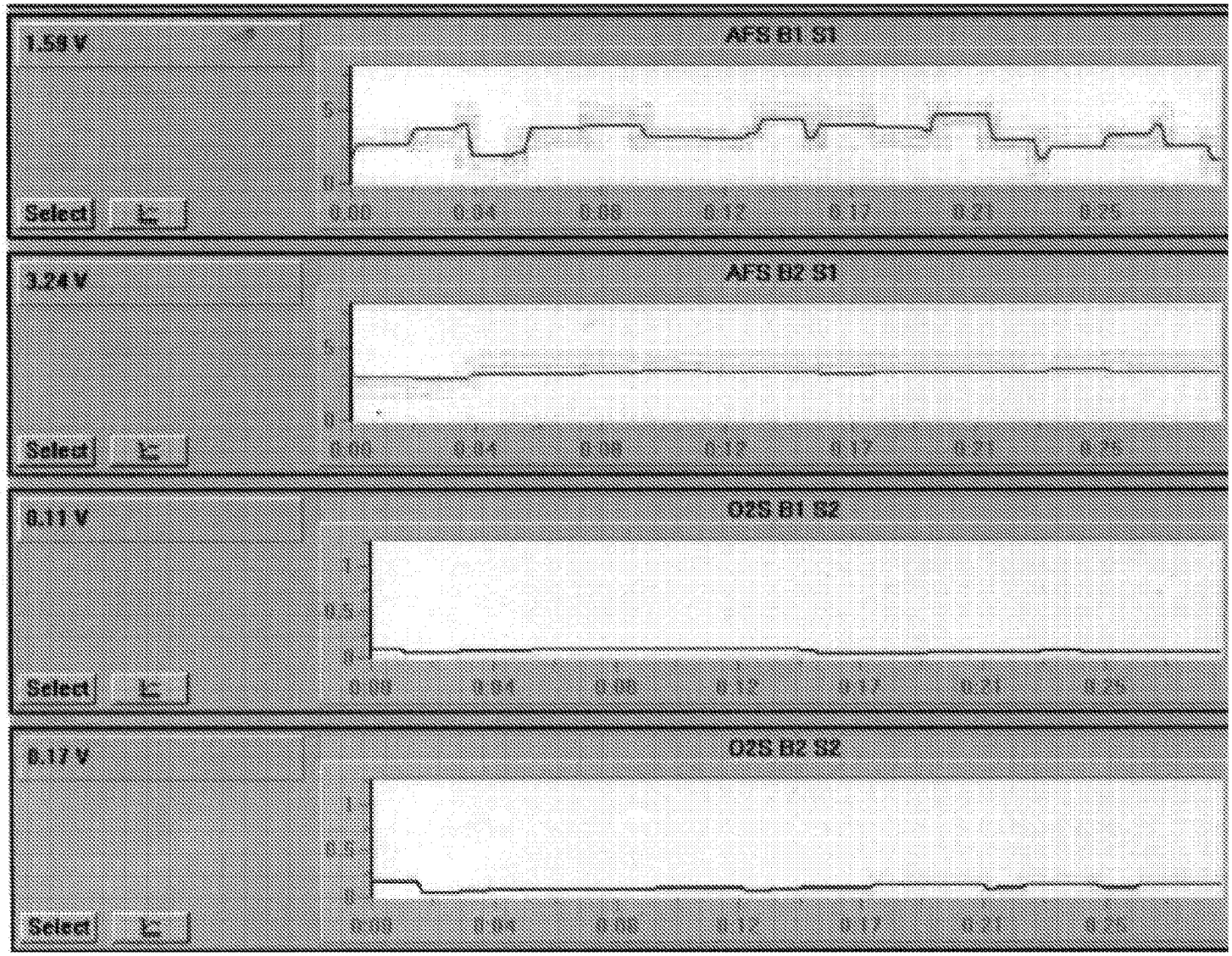
Parts Recovery Control Sheet

Ship all parts to TMS – Parts Return Center. Do not type in SHADED fields
If the *Final Destination* field below states "scrap", properly dispose of the part.

Final Destination: 2113

Note: If EWR contains 2 or more VIN's, create a table in the report containing VIN, production date, and mileage

	Failed Part #	Part Description	Qty.	Unit Cost
1	8946733060	SENSOR, AIR FUEL RATIO	1	$ 52 .00
	Comments:			
2			1	$ 0 .00
	Comments:			
3			1	$ 0 .00
	Comments:			
4			1	$ .00
	Comments:			
5			1	$ .00
	Comments:			
6			1	$ .00
	Comments:			
7			1	$ .00
	Comments:			
8			1	$ .00
	Comments:			


1.58 V
AFS B1 S1
Select
3.24 V
AFS B2 S1
Select
0.11 V
O2S B1 S2
Select
0.17 V
O2S B2 S2
Select

TOYOTA | LEXUS

TQCN DOC#:		RTS#:	RTS Disposition:	TMS QA Dept:	Assigned PE:	Distribution Date:
E8NG107131A		17992-1	Forward	QA-Powertrain	MALONEYB	3/13/03
Location:	**Source:**	**Primary Model:**	**Model Year:**	**Production Date:**	**Mileage:**	**VIN: (CONFIRM 17 CHARACTERS)**
TMS-LEA	FTS	ES 300	2002	11-2001	20706	JTHBF30G920[redacted]
Condition Title:					**Author:**	**Dealer Code:**
Vehicle surges when driving up hills - A/F Sensor					*Brant Baird*	61902

Do not type in shaded fields - Input data from Web page or RDM:

Problem Area:	☒ Base Vehicle | ☐ PPO/DIO	Problem Type:	☐ Manufacturing | ☐ Design | ☐ Durability | ☒ New Model
Dealer Name:	**Repair Date:**	**Ref#:**	**Optional Approval:**
Len Stoler Lexus	1/17/03	23449	

Condition Description:

Customer complains that the vehicle surges when driving up hills under steady acceleration.

Probable Cause:

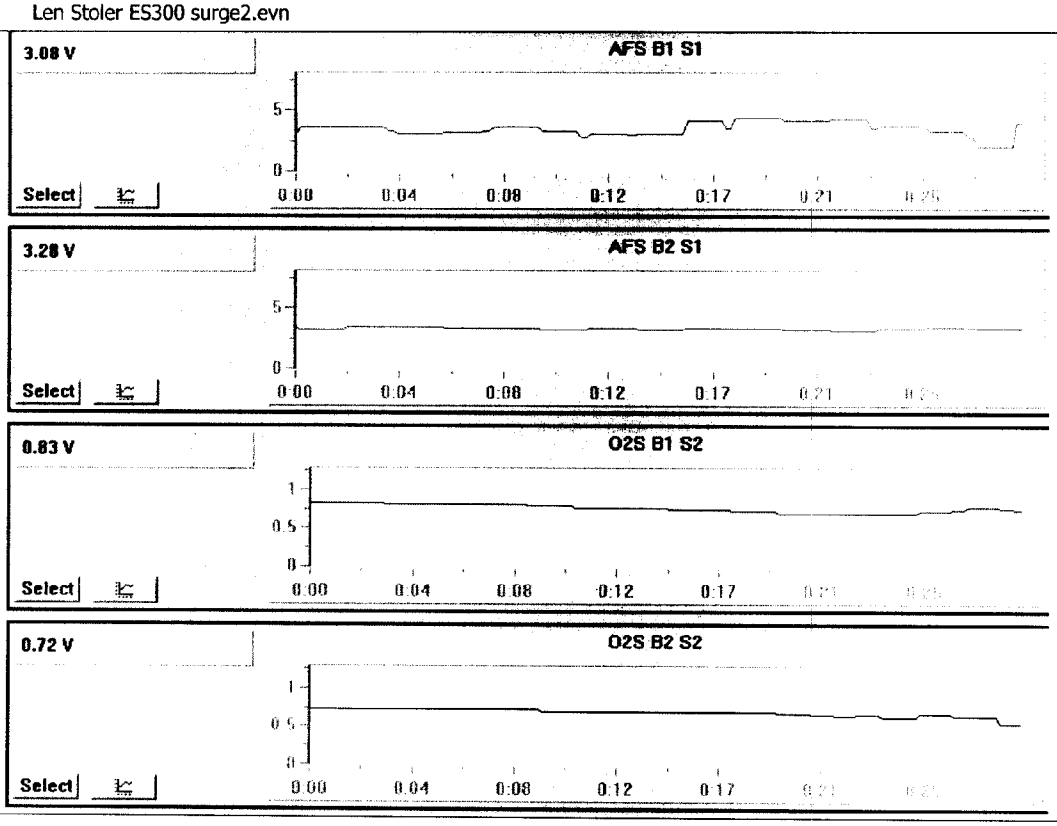
When analyzing the Techview data, the B1S1 A/F sensor was reading very erratically as compared to the B2S1 sensor. There were no codes for the sensor although it was operating erratically.

Failed Part # 1:	Failed Part # 2:	Failed Part # 3:	Disposition of Failed Parts:	Parts Shipping Destination:
8946733060			Have part / will ship	2113

Remedy:

Replacing the B1S1 A/F sensor corrected the surging condition. Techview file is attached.

Len Stoler ES300 surge2.evn



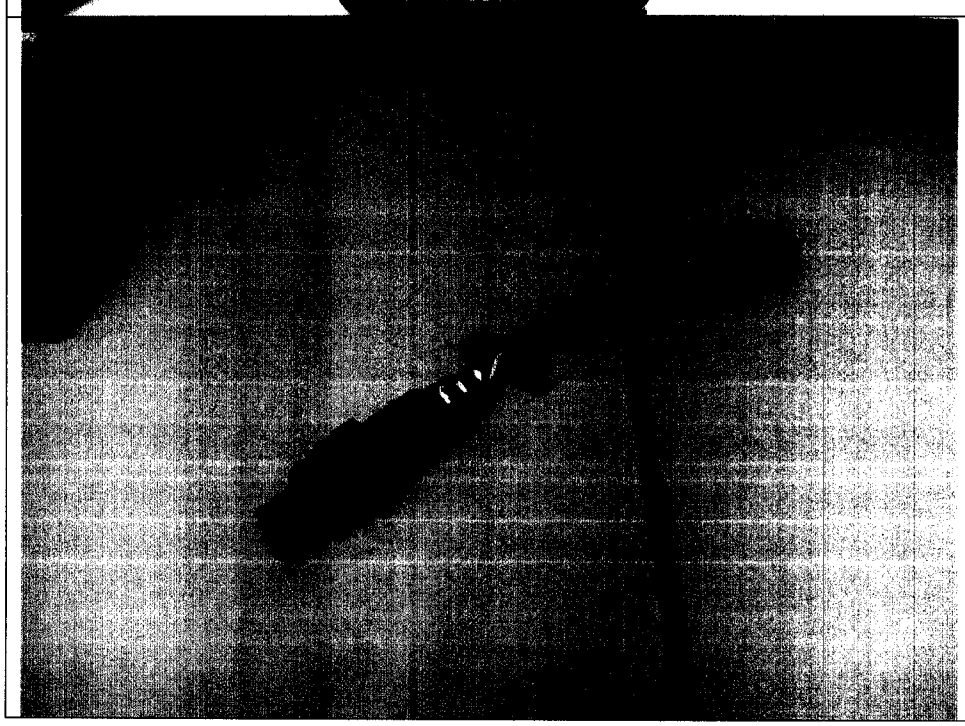
Techview data

TOYOTA | LEXUS

TQCN DOC#:		RTS#:	RTS Disposition:	TMS QA Dept:	Assigned PE:	Distribution Date:
E8NG107131A		17992-1	Forward	QA-Powertrain	MALONEYB	3/13/03
Location:	**Source:**	**Primary Model:**	**Model Year:**	**Production Date:**	**Mileage:**	**VIN: (CONFIRM 17 CHARACTERS)**
TMS-LEA	FTS	ES 300	2002	11-2001	20706	JTHBF30G920[redacted]
Condition Title:					**Author:**	**Dealer Code:**
Vehicle surges when driving up hills - A/F Sensor					*Brant Baird*	61902

A/F sensor PN info

TOYOTA
89467
-33060
DENSO 0040
11C05



A/F sensor

TOYOTA | LEXUS

TQCN DOC#:		RTS#:	RTS Disposition:	TMS QA Dept:	Assigned PE:		Distribution Date:
E8NG107131A		17992-1	Forward	QA-Powertrain	MALONEYB		3/13/03
Location:	**Source:**	**Primary Model:**	**Model Year:**	**Production Date:**	Mileage:	**VIN:** (CONFIRM 17 CHARACTERS)	
TMS-LEA	FTS	ES 300	2002	11-2001	20706	JTHBF30G920[redacted]	
Condition Title:					**Author:**		**Dealer Code:**
Vehicle surges when driving up hills - A/F Sensor					*Brant Baird*		61902

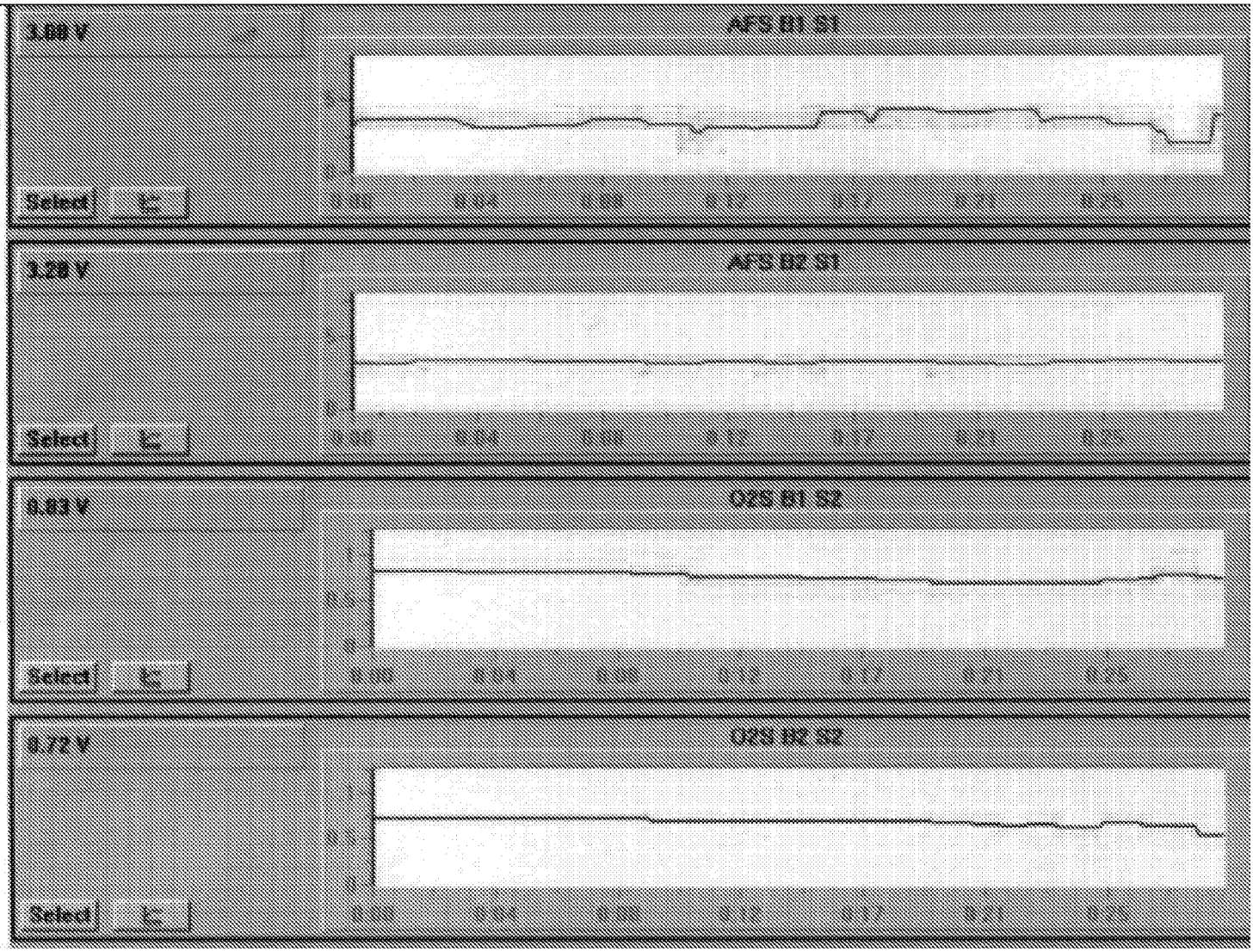
Parts Recovery Control Sheet

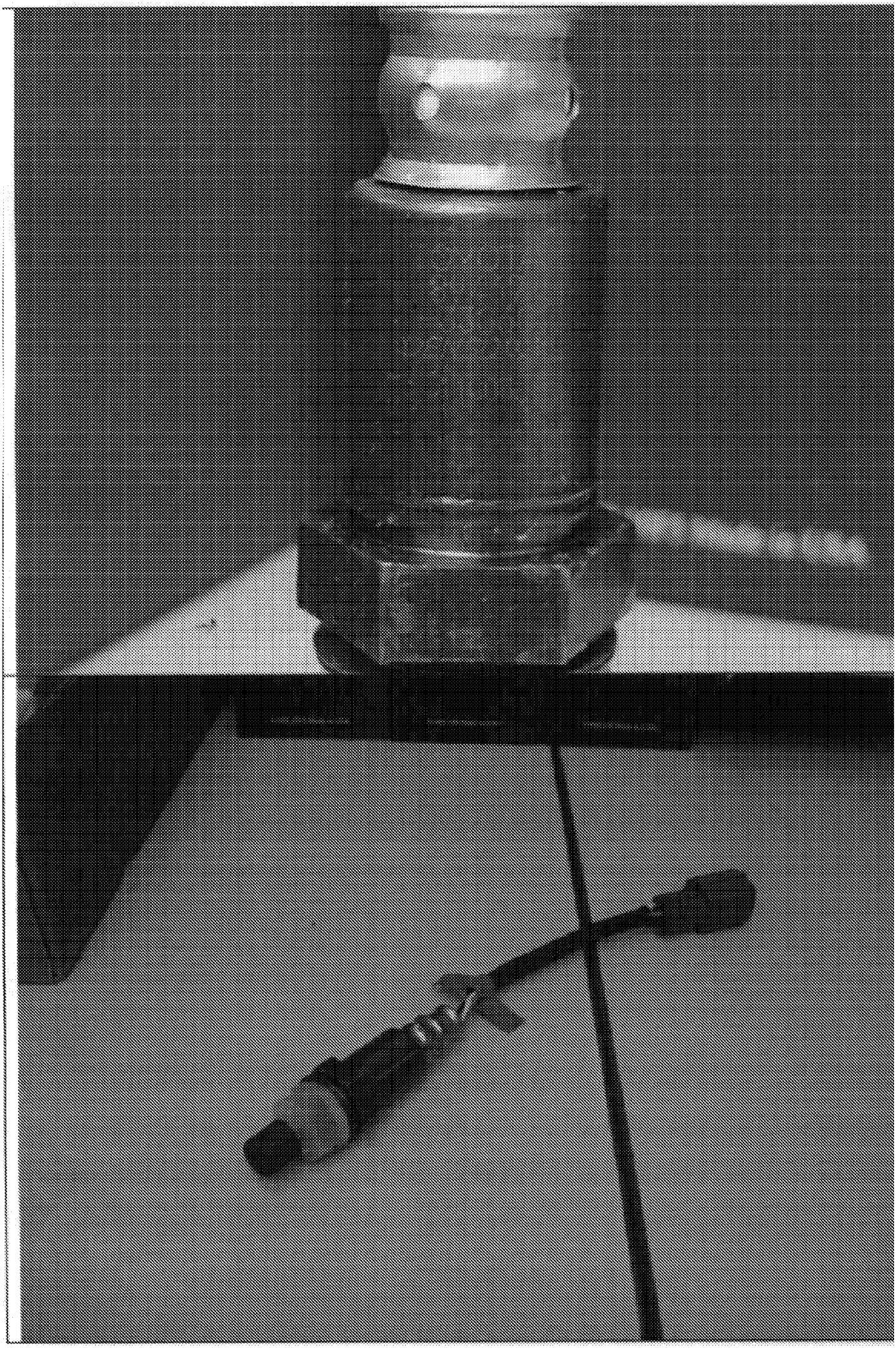
Ship all parts to TMS – Parts Return Center. Do not type in SHADED fields
If the *Final Destination* field below states "scrap", properly dispose of the part.

Final Destination: 2113

Note: If EWR contains 2 or more VIN's, create a table in the report containing VIN, production date, and mileage

	Failed Part # 1:	Part Description	Qty.	Unit Cost
1	8946733060	SENSOR, AIR FUEL RATIO	1	$ 51 .00
	Comments:			
	Failed Part # 2:	**Part Description**	**Qty.**	**Unit Cost**
2			1	$ 0 .00
	Comments:			
	Failed Part # 3:	**Part Description**	**Qty.**	**Unit Cost**
3			1	$ 0 .00
	Comments:			
	Failed Part # 4:	**Part Description**	**Qty.**	**Unit Cost**
4			1	$ .00
	Comments:			
	Failed Part # 5:	**Part Description**	**Qty.**	**Unit Cost**
5			1	$ .00
	Comments:			
	Failed Part # 6:	**Part Description**	**Qty.**	**Unit Cost**
6			1	$ .00
	Comments:			
	Failed Part # 7:	**Part Description**	**Qty.**	**Unit Cost**
7			1	$ .00
	Comments:			
	Failed Part # 8:	**Part Description**	**Qty.**	**Unit Cost**
8			1	$ .00
	Comments:			


3.88 V
AFS B1 S1
Select
3.28 V
AFS B2 S1
Select
0.83 V
O2S B1 S2
Select
0.72 V
O2S B2 S2
Select



TOY-RQ-00073709

TOYOTA | LEXUS

TQCN DOC#:		RTS#:	RTS Disposition:	TMS QA Dept:	Assigned PE:	Distribution Date:
E7PK107331		18015-1	Forward	QA-Powertrain	STABAD	3/17/03
Location:	**Source:**	**Primary Model:**	**Model Year:**	**Production Date:**	**Mileage:**	**VIN: (CONFIRM 17 CHARACTERS)**
TMS-LA	FTS	Camry	2003	01-2003	454	JTDBE32K130[redacted]
Condition Title:					**Author:**	**Dealer Code:**
PZEV Camry Fuel Tank Hose					*MIKE HOUGHTLING*	04018

Do not type in shaded fields - Input data from Web page or RDM:

Problem Area: ☒ Base Vehicle | ☐ PPO/DIO		Problem Type: ☒ Manufacturing | ☐ Design | ☐ Durability | ☐ New Model	
Dealer Name:	**Repair Date:**	**Ref#:**	**Optional Approval:**
Claremont Toyota	03/14/033		

Condition Description:

- Engine surge at cruise.
- Engine stalling at idle after warm-up.
- Fuel Tank will not fill to full position on Fuel Gauge.

Probable Cause:

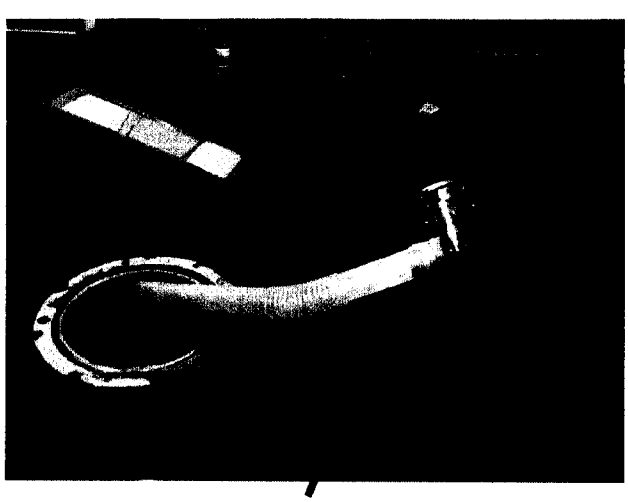
- Vapor Hose inside fuel tank is not connected to rear interior Fuel Tank Nipple. (Photo A)
- Liquid fuel is drawn into Vapor Hose flooding EVAP Canister and into Intake Manifold when Purge VSV is cycled ON by ECU. (Photo B)
- No trouble found with Vapor Hose Connector but fitting could not be re-installed to interior Fuel Tank Nipple due to hard to reach location. (Photo C)

Failed Part # 1:	Failed Part # 2:	Failed Part # 3:	Disposition of Failed Parts:	Parts Shipping Destination:
7700106080			Special request only	N/A

Remedy:

- Fuel Tank Replaced. P/N (77001 – 06080)
- EVAP Canister replaced. P/N (77740 – 06141)
- Fresh Air Filter replaced. P/N (17700 – 0A080)
- Part Numbers are currently not loaded into parts system.

Photo A



Vapor Hose pulled from inside Fuel Tank

Photo B

Liquid Fuel at EVAP VSV

TOYOTA | LEXUS

TQCN DOC#:		RTS#:	RTS Disposition:	TMS QA Dept:	Assigned PE:	Distribution Date:
E7PK107331		18015-1	Forward	QA-Powertrain	STABAD	3/17/03
Location:	**Source:**	**Primary Model:**	**Model Year:**	**Production Date:**	**Mileage:**	**VIN: (CONFIRM 17 CHARACTERS)**
TMS-LA	FTS	Camry	2003	01-2003	454	JTDBE32K130[redacted]
Condition Title:					**Author:**	**Dealer Code:**
PZEV Camry Fuel Tank Hose					*MIKE HOUGHTLING*	04018

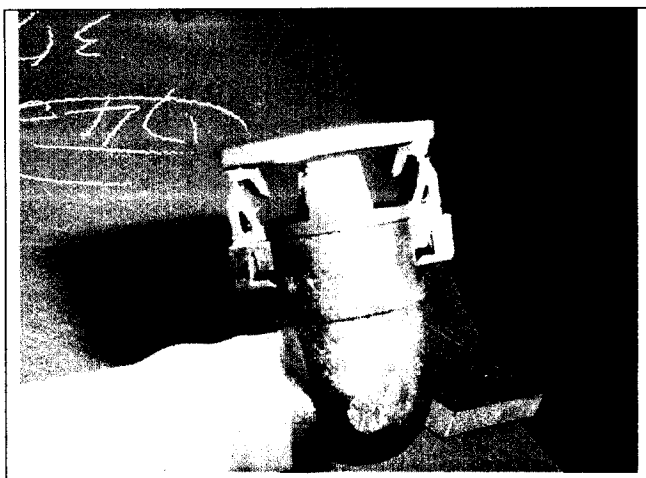


Photo C
Vapor Hose Connector (No Trouble)

TOYOTA | LEXUS

TQCN DOC#:		RTS#:	RTS Disposition:	TMS QA Dept:	Assigned PE:		Distribution Date:
E7PK107331		18015-1	Forward	QA-Powertrain	STABAD		3/17/03
Location:	**Source:**	**Primary Model:**	**Model Year:**	**Production Date:**	**Mileage:**	**VIN: (CONFIRM 17 CHARACTERS)**	
TMS-LA	FTS	Camry	2003	01-2003	454	JTDBE32K130[redacted]	
Condition Title:					**Author:**		**Dealer Code:**
PZEV Camry Fuel Tank Hose					*MIKE HOUGHTLING*		04018

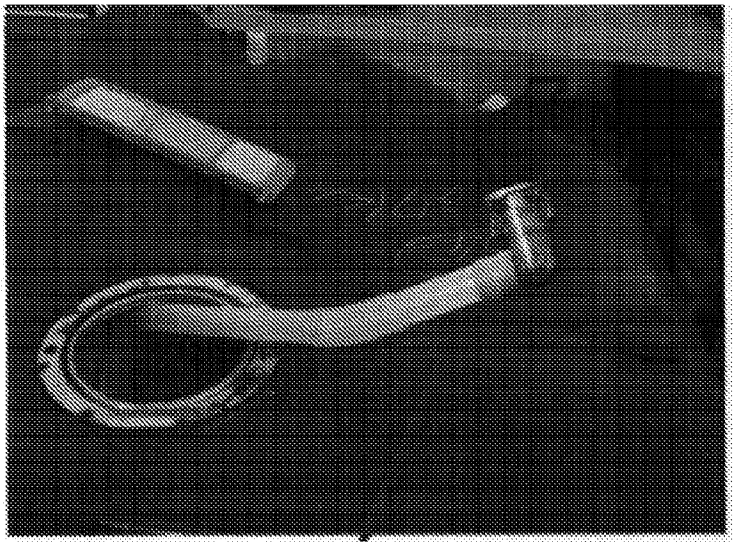
Parts Recovery Control Sheet

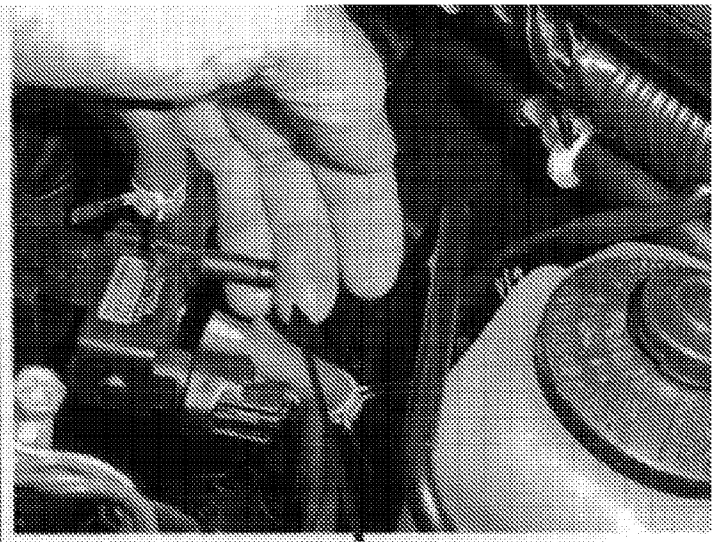
Ship all parts to TMS – Parts Return Center. Do not type in SHADED fields
If the *Final Destination* field below states "scrap", properly dispose of the part.

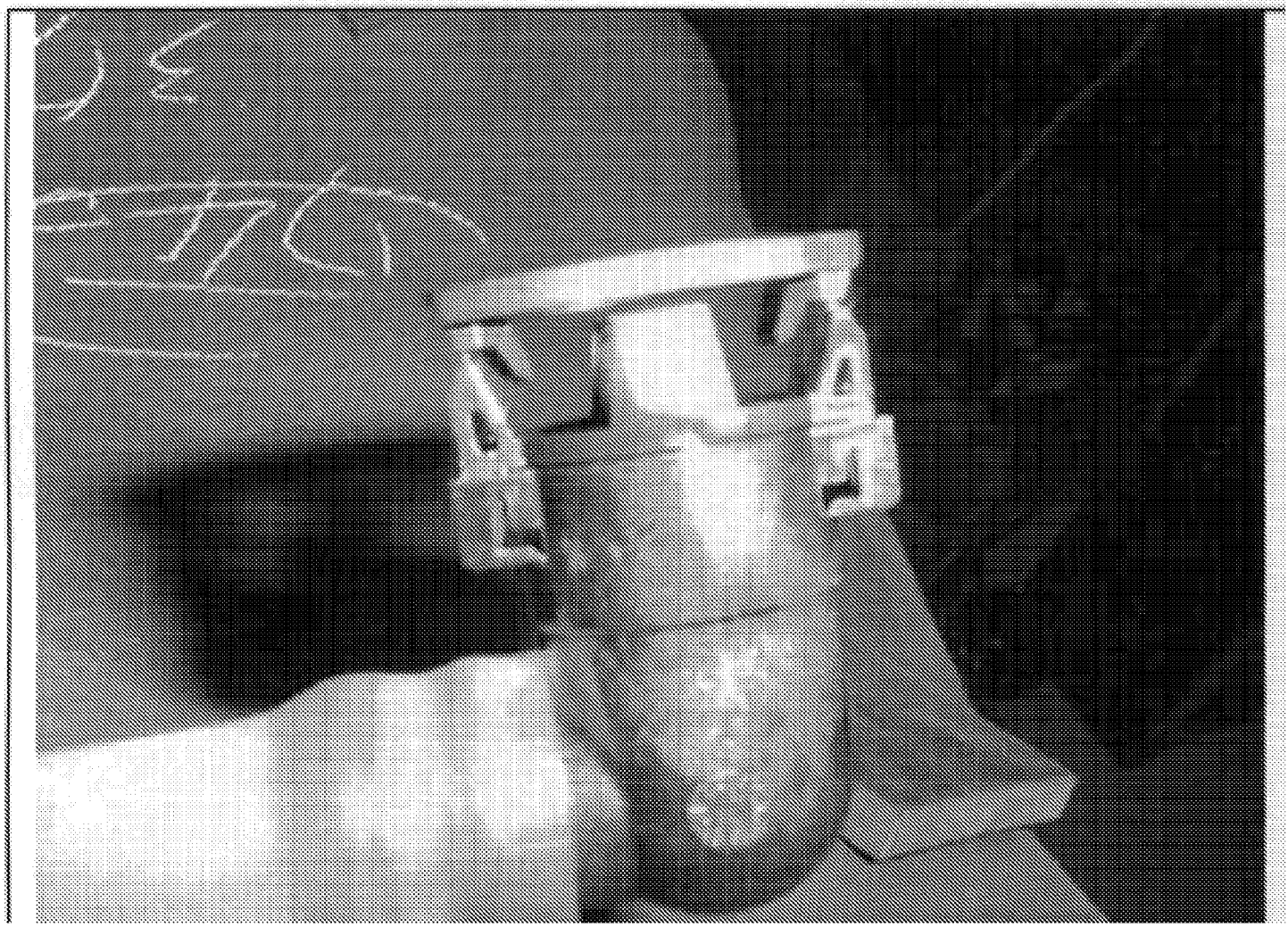
Final Destination: N/A

Note: If EWR contains 2 or more VIN's, create a table in the report containing VIN, production date, and mileage

	Failed Part #	Part Description	Qty.	Unit Cost
1	7700106080	TANK SUB-ASSY, FUEL	1	$ 1 .00
	Comments:			
2	Failed Part # 2:	Part Description	1	$ 0 .00
	Comments:			
3	Failed Part # 3:	Part Description	1	$ 0 .00
	Comments:			
4	Failed Part # 4:	Part Description	1	$ .00
	Comments:			
5	Failed Part # 5:	Part Description	1	$ .00
	Comments:			
6	Failed Part # 6:	Part Description	1	$ .00
	Comments:			
7	Failed Part # 7:	Part Description	1	$ .00
	Comments:			
8	Failed Part # 8:	Part Description	1	$ .00
	Comments:			







FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VJK110831	TMS	QA-Powertrain	FPE	REG-CHI	17486-1	4/21/03

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2002	04-2002	23004 mi	4T1BF30KX2U[redacted]

Condition Title

Surge @ 40-50 MPH with Light Throttle-A/F Sensor

Do not type in Blue shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
4/16/03		

Condition Description

The vehicle exhibited a rhythmic engine surge most noticeable while traveling at 40 – 50 mph and while the engine was at normal operating temperature, the ATM was in 3rd or 4th gear, and at a constant speed and throttle angle. The MIL was not illuminated.

Diagnostic Steps:

Scantool snapshot during the customer complaint condition.

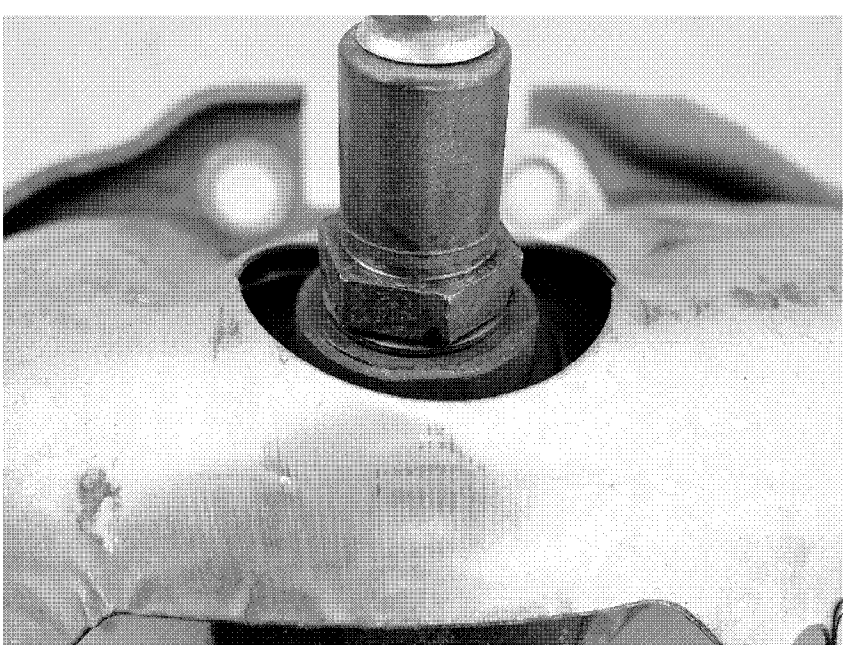
Probable Cause

Erratic output of Bank 1 Sensor 1 A/F Sensor as noted in the attached Techview file.

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
8946506060	1714020070		Have part / will ship	TMC

Repair Process

The A/F Sensor and Bank 1 Exhaust Manifold (due to a seized Bank 1 Sensor 1 A/F Sensor) were replaced which restored normal A/F Sensor output and proper engine operation.



Seized Bank 1 Sensor 1 A/F Sensor causing an engine surge. The Sensor is seized in the Bank 1 Manifold.

Techview snapshot of erratic output of Bank 1 Sensor 1 A/F Sensor.

"4T1BF30KX2U[redacted]
3 EG SURGE.evn"

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VJK110831	TMS	QA-Powertrain	FPE	REG-CHI	17486-1	4/21/03

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2002	04-2002	23004 mi	4T1BF30KX2U[redacted]

Condition Title
Surge @ 40-50 MPH with Light Throttle-A/F Sensor

Attachment 1 : **Parts Recovery Control Sheet**

Ship all parts to TMS – Parts Return Center. Do not type in SHADED fields
If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination: TMC

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel:

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

	Part #	Part Description	Qty.	FOR CUSTOMS USE: Used Part Value
1	8946506060	SENSOR, OXYGEN	1	$ 19 .00
	Comments:			
2	1714020070	MANIFOLD ASSY, EXHAUST, RH	1	$ 83 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VGC217431	TMS	QA-Powertrain	FPE	REG-SF	19176-1	6/23/03

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Sienna	2004	03-2003	7936 mi	5TDZA22C44S[redacted]

Condition Title

TRANSAXLE WOULD NOT ENGAGE REVERSE

Do not type in Blue shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
06/23/03		

Condition Description

U151E Transaxle would not engage Reverse Gear. Transaxle would engage a forward Gear and drive forward even with Shift Selector in "R" position (Indicators on Shift Selector Assembly and Combination Meter showed "R" Position).

- Transaxle appeared to be in 3rd Gear regardless of Shift Selector position (R, D, 2 and 1).
- Placing Shift selector in "N" Neutral position caused Vehicle to "creep", as if Transaxle was partially engaging a forward Gear.
- Vehicle was a XLE 4X2 model equipped with 3-Power Doors and Tow Hitch. Engine Serial Number was: **3MZ-4021225**. Transaxle Serial Number was: **530327207**.

Diagnostic Steps:

Technician test drove vehicle, confirmed condition, and noted that MIL was illuminated. DTCs P0746 (Pressure Control Solenoid "A" Performance or Stuck off) and P0776 (Pressure Control Solenoid "B" Performance or Stuck off) were found in ECU memory.

- **Technician recorded Freeze Frame Data for DTC P0746. Data was as follows:**

Engine Spd:	2,749 RPM	FUEL SYS #2:	CL
Coolant Temp:	194° F	SHORT FT #1:	0.8%
Vehicle SPD:	14MPH	LONG FT #1:	0.8%
CALC LOAD:	30.1%	SHORT FT #2:	0.0%
FUEL SYS #1:	CL	LONG FT #2:	0.0%

- **Technician removed Transaxle Oil Pan and determined that an abnormal amount of Clutch Material and metal debris was present in ATF.**
- **Heavy deposits of debris were also found in ATF Intake Filter Screen.**
- **Both Magnets located on floor of Oil Pan exhibited large deposits of ferrous metal. ATF, although red in color, exhibited a strong overheated odor.**
- **No other DTC, Freeze Frame or RAM Data was available from ECU as Battery had been disconnected during diagnosis.**

Probable Cause

Specific cause of condition was unknown, although analysis indicated that Transaxle had sustained mechanical damage to internal Gear train components.

- A Gear Train component such as Reverse Clutch (C2) or 1st & Reverse Brake (B2) could have sustained damage due to a mechanical anomaly or assembly error. Metal debris generated by mechanical damage would result in Shift Control malfunctions due to jamming affect on Control Valves in Valve Body and Shift Solenoid Plungers.
- Customer had reportedly driven Vehicle to East Coast and back (round Trip approx. 6,000 miles). No malfunctions were identified until Transaxle-related condition occurred after returning to Petaluma CA area.
- Although Vehicle was equipped with PIO Tow Hitch, unit had not been used.

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
3050008010	3200008010		Special request only	TMMWV

Repair Process

Transaxle assembly and Torque Converter will be replaced, which should correct condition. Damaged components will be recovered and forwarded to TMS QAP if requested.

FIELD TECHNICAL REPORT

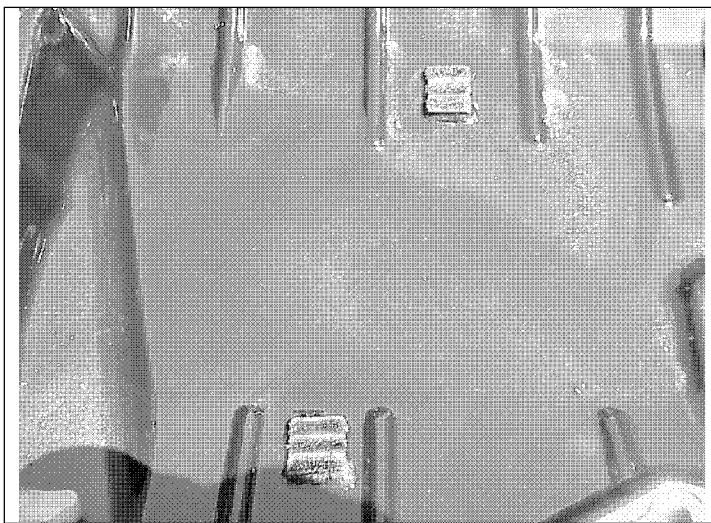
TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VGC217431	TMS	QA-Powertrain	FPE	REG-SF	19176-1	6/23/03

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Sienna	2004	03-2003	7936 mi	5TDZA22C44S[redacted]

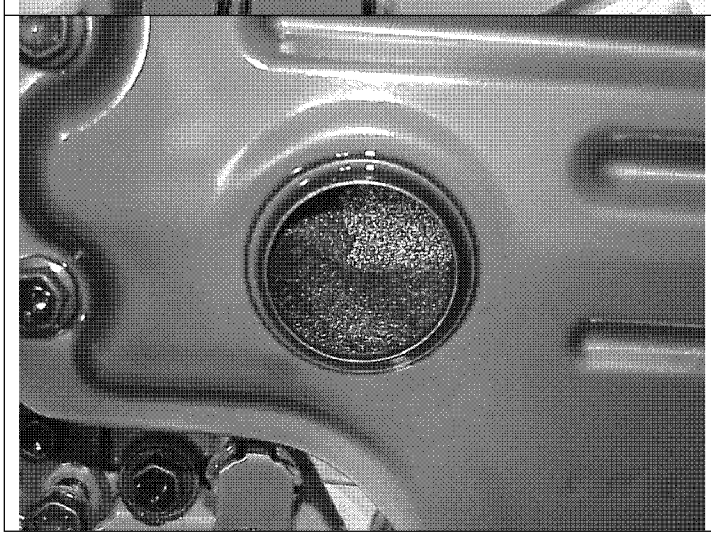
Condition Title

TRANSAXLE WOULD NOT ENGAGE REVERSE



Close-up view of U151E Transaxle Oil Pan showing excessive Clutch material and metal debris deposited on floor of Pan.

- Note large deposits of fine ferrous material on both Oil Pan Magnets.
- ATF, although still red in color, exhibited a strong overheated odor.



Close-up view of ATF Intake Filter Screen showing heavy deposits of debris almost completely restricting visible portion of Screen.

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VGC217431	TMS	QA-Powertrain	FPE	REG-SF	19176-1	6/23/03

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Sienna	2004	03-2003	7936 mi	5TDZA22C44S[redacted]

Condition Title
TRANSAXLE WOULD NOT ENGAGE REVERSE

Attachment 1: PRCS

Attachment 1 : **Parts Recovery Control Sheet**

Ship all parts to TMS – Parts Return Center. Do not type in SHADED fields
If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination: TMMWV

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel:

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	3050008010	TRANSAXLE ASSY, AUTOMATIC	0	$ 525 .00
	Comments:			
2	3200008010	CONVERTER ASSY, TORQUE	0	$ 113 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-52R124831	TMS	QA-Powertrain	FTS	REG-PT	20108-1	9/19/03

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	4Runner	2004	02-2003	903 mi	JTEBU17R338[redacted]

Condition Title

SEVERE ENGINE SURGE

Do not type in Blue shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
8-6-03		

Condition Description

The engine surges for the first 10/15 minutes of cold engine operation. It is most noticeable when the throttle is held steady at 35/45 MPH. If the throttle is held wide open the engine will surge and then run cleanly. This started after 200+ miles. As the dealer or this writer could not initially repair the vehicle the dealership purchased the vehicle from the owner. There were no codes set and after warm-up the vehicle operated normally until an overnight cold soak.

Diagnostic Steps:

Test-drove, when cold, by holding throttle steady at 30MPH and observing data parameters; the accelerator sensors held steady but the throttle motor opened and closed. Dealer replaced complete fuel system along with the complete intake system, cam and crank sensor, engine ecu and accelerator pedal. This writer spent 3 days taking data samples and doing pin checks at accelerator pedal, engine ecu and throttle motor with no problems found. Also a compression check, static and running, were completed and all was normal.

Probable Cause

This writer felt that the condition was in the engine wire harness, in the engine compartment, as the condition would go away as the engine warmed up. Just holding the throttle steady for 10 minutes at 2000rpm could do this.

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
821213M460			Have part / will ship	TMC

Repair Process

The engine wire harness was replaced and the condition was corrected.

4runner 03 surge Appleway 2.evn

4runner 03 throttle surge Appleway 1.evn

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-52R124831	TMS	QA-Powertrain	FTS	REG-PT	20108-1	9/19/03

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	4Runner	2004	02-2003	903 mi	JTEBU17R338[redacted]

Condition Title

SEVERE ENGINE SURGE

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-52R124831	TMS	QA-Powertrain	FTS	REG-PT	20108-1	9/19/03

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	4Runner	2004	02-2003	903 mi	JTEBU17R338[redacted]

Condition Title
SEVERE ENGINE SURGE

Attachment 1 : **Parts Recovery Control Sheet**

Ship all parts to TMS – Parts Return Center. Do not type in SHADED fields
If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination: TMC

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel:

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	821213M460	WIRE, ENGINE	1	$ 106 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VRR326231D	TMS	QA-Chassis	FPE	TMS	20112-1	9/19/03

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	RX 330	2004	07-2003	593 mi	JTJGA31U240[redacted]

Condition Title

ABS Actuator

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
9/18/03		

Condition Description

Customer states when sitting at a stoplight the brakes gradually release and the vehicle begins to creep forward. The brake pedal must be applied harder to stop the vehicle.

Diagnostic Steps:

1. The vehicle was test-driven and the problem was duplicated. A brake pedal depressor (from the alignment machine tools) was used to hold a consistent pressure on the brake pedal. After the brake pedal was depressed with a constant brake pressure the vehicle began to creep forward after several seconds. This was done several times with the same result.
2. The vehicle was checked for diagnostic trouble codes: None
3. The master cylinder was replaced and had no effect on the condition
4. The ABS actuator was replaced and the problem was eliminated.

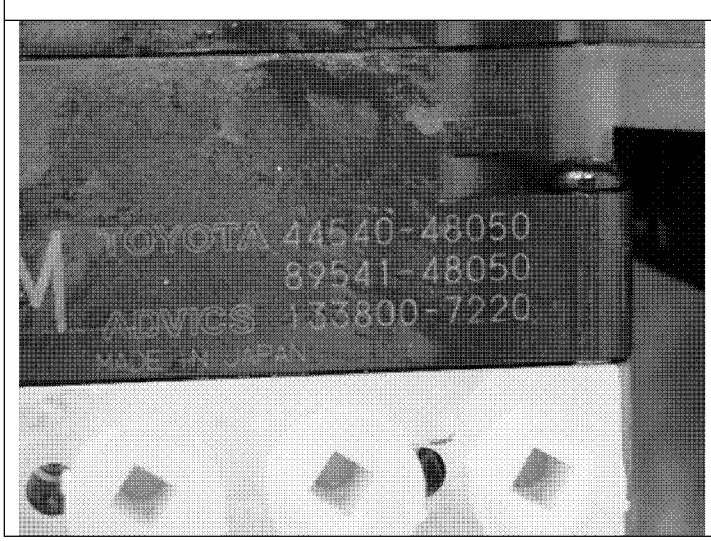
Probable Cause

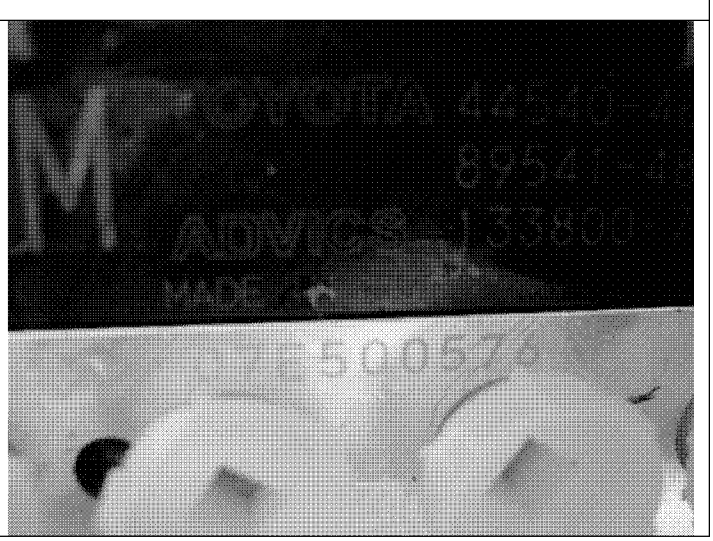
The ABS actuator was bleeding off brake pressure from the calipers and allowing the vehicle to creep forward.

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
4405048070			Have part / will ship	TMC

Repair Process

Replacing the ABS actuator repaired the vehicle.





Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VRR326231D	TMS	QA-Chassis	FPE	TMS	20112-1	9/19/03

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	RX 330	2004	07-2003	593 mi	JTJGA31U24[redacted]

Condition Title
ABS Actuator

Attachment 1 : **Parts Recovery Control Sheet**

VIN [redacted]

Ship all parts to TMS – Parts Return Center. Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

TQCN Doc No.

Final Destination:	TMC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	4405048070	ACTUATOR ASSY, BRAKE W/FLUID	1	$ 368 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-JRC236531	TMS	QA-Powertrain	FTS	REG-CIN	21270-1	1/12/04

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Sienna	2004	03-2003	11664 mi	5TDZA22C74S[redacted]

Condition Title

Electronic Control Accelerator Pedal Position Sensor

Do not type in Blue shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
November 12, 2003		

Condition Description

T.M.S. associate states vehicle throttle would not return to idle after accelerating. States the throttle pedal had to be lifted by hand before the engine would return to idle. This is the reported drive cycle prior to the incident; accelerated up hill about 30-40 mph, lift throttle prior to turn, did not decelerate, applied brakes successfully slowing to negotiate turn, put transmission in neutral and engine revved high (did not notice if went to fuel cut), put back into drive and pulled over to side of road, reached down and pulled throttle pedal upward, vehicle went to idle and has not recurred.

Diagnostic Steps:

F.T.S. inspected the vehicle after occurrence. Vehicle drives properly and no codes were stored. Noted the driver's side carpeted floor mat was installed upside down and not clipped in place. Associate does not believe floor mat was interfering with throttle. F.T.S. found sand on floor, probably from recent trip to beach area.

Probable Cause

No probable cause could be determined by Field Technical Specialist.

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
7812008020			Have part / will ship	TMMNA

Repair Process

Throttle pedal/sensor assembly recovered for further evaluation only, no fault found to exist.

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-JRC236531	TMS	QA-Powertrain	FTS	REG-CIN	21270-1	1/12/04

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Sienna	2004	03-2003	11664 mi	5TDZA22C74S[redacted]

Condition Title
Electronic Control Accelerator Pedal Position Sensor

Attachment 1 : **Parts Recovery Control Sheet**

Ship all parts to TMS – Parts Return Center. Do not type in SHADED fields
If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination: TMMNA

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel：

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	7812008020	ROD ASSY, ACCELERATOR PEDAL	1	$ 5 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-7QR101241	TMS	QA-Powertrain	FTS	REG-LA	20108-1	1/14/04

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	4Runner	2004	05-2003	5222 mi	JTEBU14R330[redacted]

Condition Title

2003 4Runner V6 Surging

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
12/30/03		

Condition Description

- Customer complaint of vehicle surging especially during cold engine operation.
- F.T.S. verified that surge occurred during cold engine operation.
- Surge would occur during light throttle application while lightly accelerating.
- Once vehicle was warm (approximately 2-3 minutes), condition would cease.

Diagnostic Steps:

- Scan tool data showed no trouble code stored during malfunction.
- Snapshot data (attached below) indicates that throttle position varies greatly with no change in pedal position.
- Ground input to throttle body suspected.
- When brown wire E2 to throttle body was bypassed directly to engine ground, problem was rectified.(See photo below).
- Harness ground splice disassembled for inspection.

Probable Cause

- Splice point E8 suspected as problem.
- Voltage drop was detected as .5 volt at ground splice E8 on sensor wire between E2 terminal on engine E.C.M. and plug T2 terminal #3 on throttle position sensor.
- 4 amp load was applied to circuit during this test.

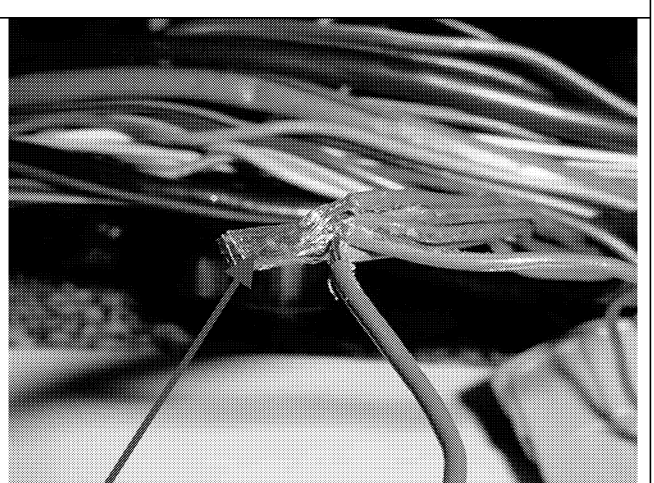
Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
821213M460			Have part / will ship	2107

Repair Process

"snap shot for 4 runner.doc"

Snapshot from scantool.

Part # for wire loom.



Splice point E8.

FIELD TECHNICAL REPORT

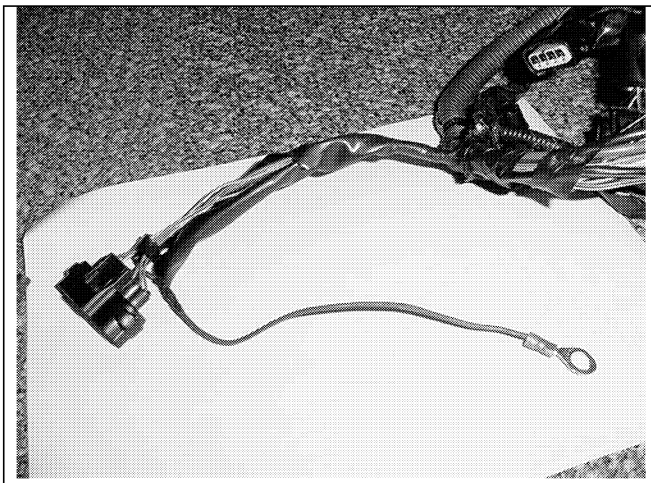
TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-7QR101241	TMS	QA-Powertrain	FTS	REG-LA	20108-1	1/14/04

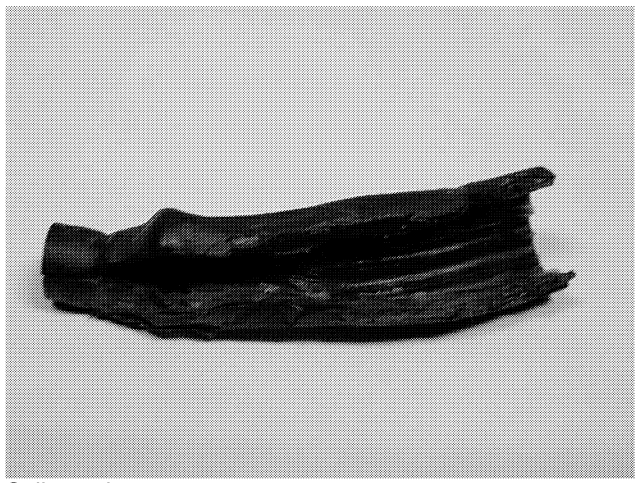
Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	4Runner	2004	05-2003	5222 mi	JTEBU14R330[redacted]

Condition Title

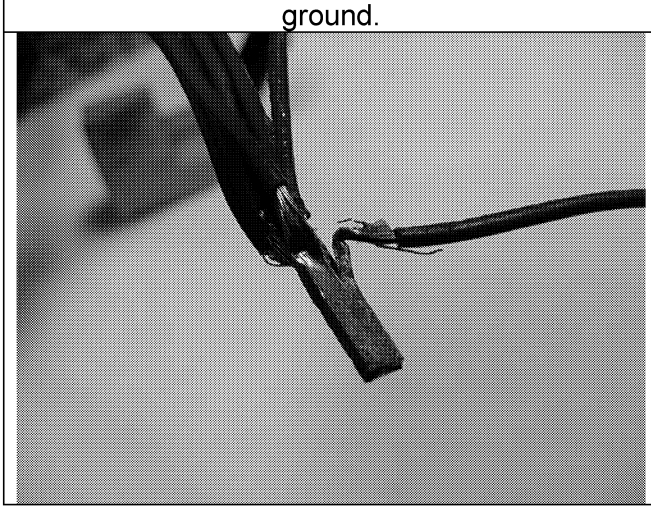
2003 4Runner V6 Surging

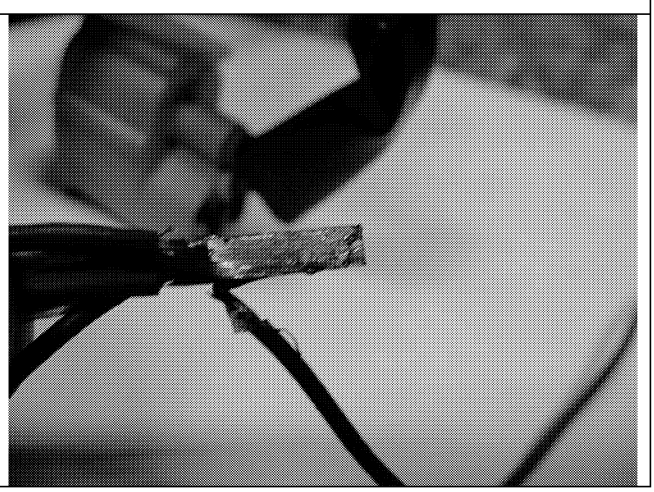


Test wire added from throttle body to engine ground.



Splice point cover.





Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-7QR101241	TMS	QA-Powertrain	FTS	REG-LA	20108-1	1/14/04

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	4Runner	2004	05-2003	5222 mi	JTEBU14R330[redacted]

Condition Title
2003 4Runner V6 Surging

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination: 2107	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)

North America EDER Gr., Technical Dept. #1
Overseas Customer Service Technical Div.
TOYOTA MOTOR CORPORTATION
Nisshin Education & Training Center
5-210, SAKAE, NISSHIN, AICH, 470-0113
Japan

Deliver to:

Attn:

Tel:

住所：

宛先：

Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	821213M460	WIRE, ENGINE	1	$ 106 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-7QK101441A	TMS	QA-Powertrain	FTS	REG-LA	21340-1	1/21/04

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2004	09-2003	1087 mi	4T1BE32K04U[redacted]

Condition Title

Engine Wire Harness Surge Engine Compartment

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
12/30/03	27746	

Condition Description

- Customer complaint of vehicle surging especially during cold engine operation.
- F.T.S. verified that surge occurred during cold engine operation.
- Surge would occur during light throttle application while lightly accelerating.
- Once vehicle was warm (approximately 2-3 minutes), condition would cease.

Diagnostic Steps:

- Scan tool data showed no trouble code stored during malfunction.
- Snapshot data (attached below) indicates that throttle position varies greatly with no change in pedal position.
- Ground input to throttle body suspected.
- When brown wire E2 to throttle body was bypassed directly to engine ground, problem was rectified.(See photo below).
- Harness ground splice disassembled for inspection.

Probable Cause

- Splice point E8 suspected as problem.
- Voltage drop was detected as .5 volt at ground splice E8 on sensor wire between E2 terminal on engine E.C.M. and plug T2 terminal #3 on throttle position sensor.
- 4 amp load was applied to circuit during this test.

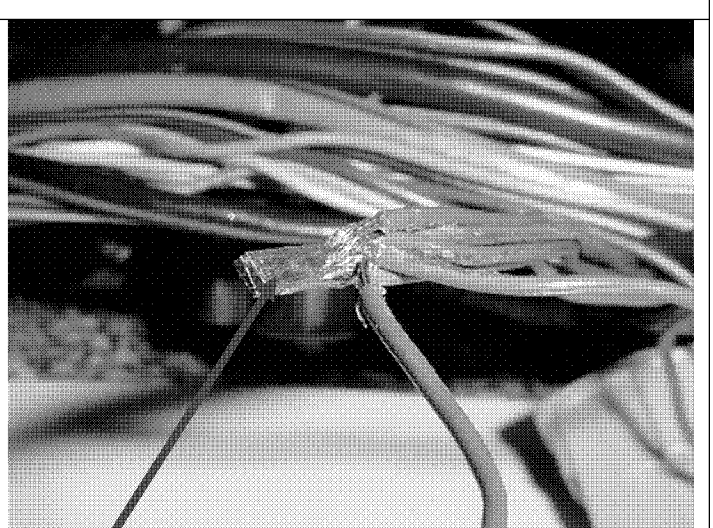
Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
N/A			No part available	N/A

Repair Process

"snap shot for 4 runner.doc"

Snapshot from scantool.

Part # for wire loom.



Splice point E8.

FIELD TECHNICAL REPORT

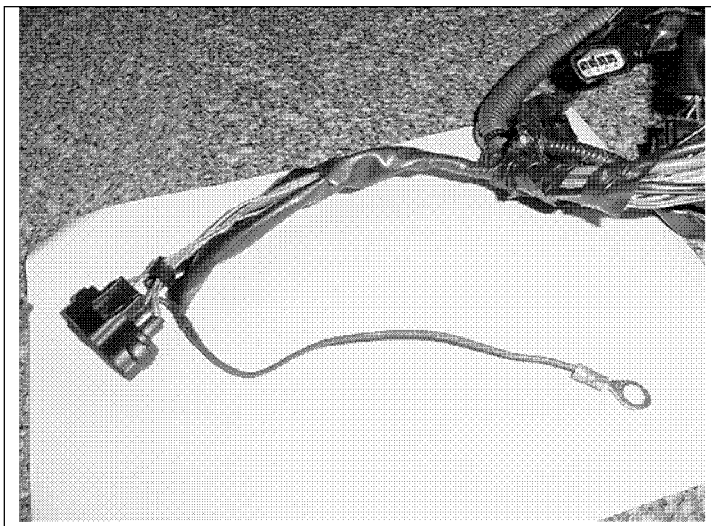
TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-7QK101441A	TMS	QA-Powertrain	FTS	REG-LA	21340-1	1/21/04

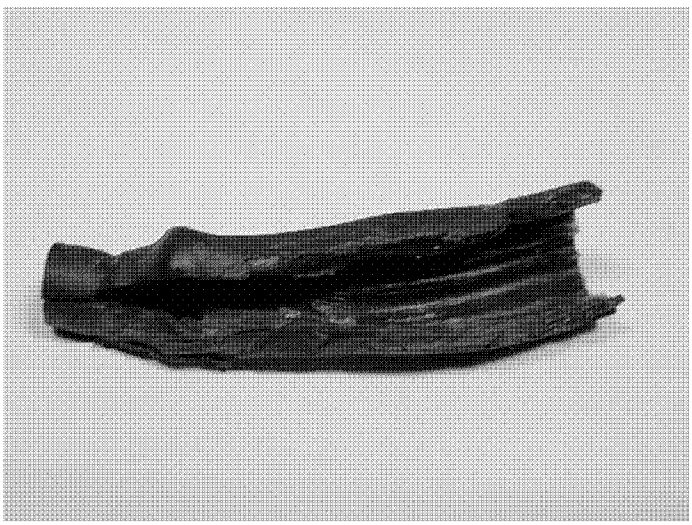
Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2004	09-2003	1087 mi	4T1BE32K04U[redacted]

Condition Title

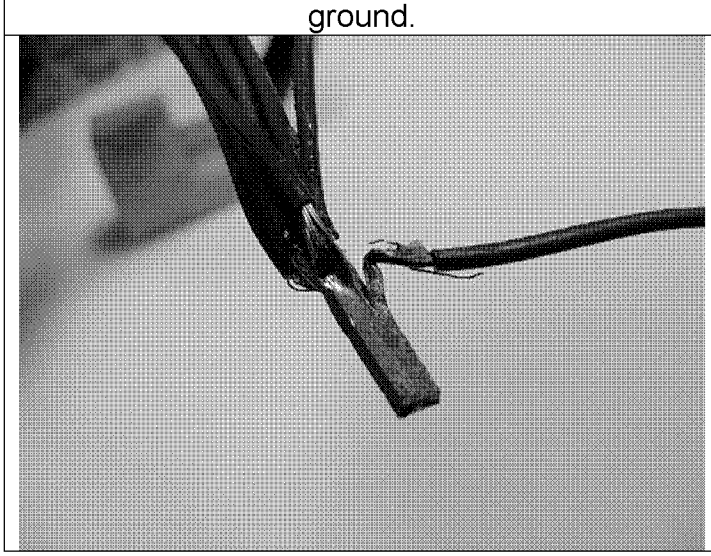
Engine Wire Harness Surge Engine Compartment

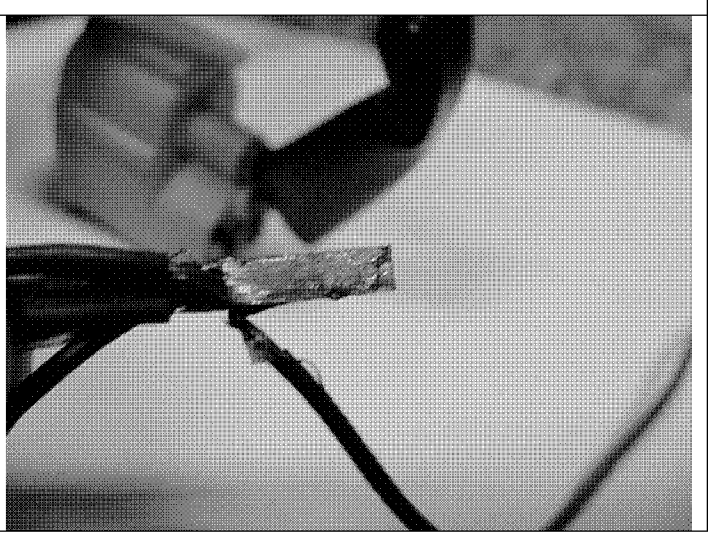


Test wire added from throttle body to engine ground.



Splice point cover.





Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-7QK101441A	TMS	QA-Powertrain	FTS	REG-LA	21340-1	1/21/04

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2004	09-2003	1087 mi	4T1BE32K04U[redacted]

Condition Title
Engine Wire Harness Surge Engine Compartment

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	N/A	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	N/A		0	$ 0 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VLG108941	TMS	QA-Powertrain	FPE	TMS	21674-1	3/29/04

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	ES 330	2004	09-2003	6121 mi	JTHBA30G3450[redacted]

Condition Title

ATM Hesitation and Jerk

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
3/29/04		

Condition Description

Customer complained of vehicle hesitating and jerking when accelerating from a rolling stop.

Diagnostic Steps:

Dealership Technician and FPE drove vehicle on freeway and in residential area around dealership, duplicating 3 distinct conditions during a rolling stop. (See details below)

Probable Cause

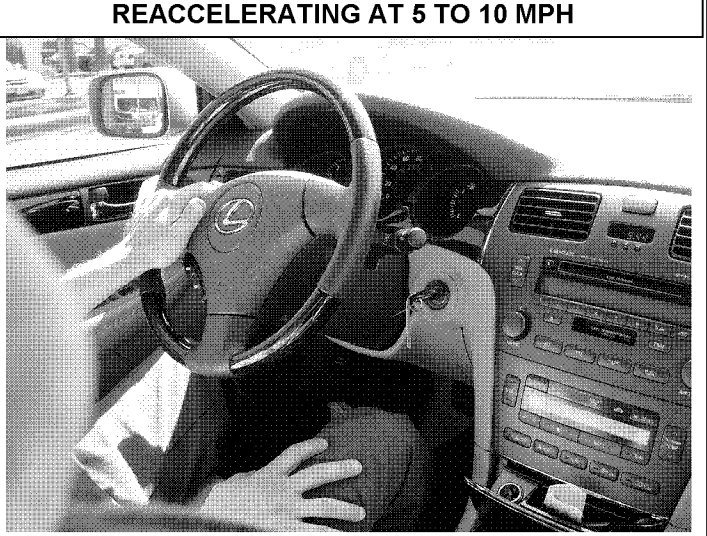
Exact cause is unknown. Suspected cause is ECM shifting logic takes too long to decide on which gear and how much throttle to apply during low speed acceleration demand from driver.

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
N/A			No part available	N/A

Repair Process

No known repair at this time.

REACCELERATING AT 5 TO 10 MPH



PROBLEM DESCRIPTIONS

Decelerating to a stop light, for stopped traffic, or slowing for a turn and reaccelerating before stopping frequently results in the following conditions:

1. Decelerate to 5 mph and lightly reaccelerate – Soft 2nd gear downshift then an abrupt 1st gear downshift.
2. Decelerate to 5 mph and lightly reaccelerate – A single harsh jerk during downshift.
3. Decelerate to 10 mph and lightly accelerate – Free rev to 2,000 rpm then a harsh downshift to 2nd gear.

NOTE: All 3 scenarios were described by customer and duplicated a minimum of 2 times each in a 45 minute test drive by DS and FPE.

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VLG108941	TMS	QA-Powertrain	FPE	TMS	21674-1	3/29/04

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	ES 330	2004	09-2003	6121 mi	JTHBA30G3450[redacted]

Condition Title
ATM Hesitation and Jerk

Attachment 1 : **Parts Recovery Control Sheet**

VIN [redacted]

Ship all parts to TMS – Parts Return Center. Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

TQCN Doc No.

Final Destination: N/A	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	N/A		0	$ 0 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VGF209041	TMS	QA-Powertrain	FPE	REG-SF	21214-1	3/30/04

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	LS 430	2004	09-2003	5731 mi	JTHBN36F640[redacted]

Condition Title

ENGINE LACKS POWER/SURGES-FUEL PUMP MALFUNCTION

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
03/26/04		

Condition Description

Engine lacked power during low speed operation and surged while driving on freeway with Cruise Control set (approx. 65 mph). Condition was very intermittent, but occurred repeatedly during previous 2 weeks before repair date. Engine Serial Number was: 3UZ-0246322.

- Technician was unable to duplicate malfunction.
- Engine performance appeared to be otherwise normal.
- MIL had not illuminated and no DTCs were found in ECM memory.

Affected vehicle was a 2004 LS 430 Ultra Luxury model equipped with 3UZ-FE engine, A761E transmission, and all available factory options.

Diagnostic Steps:

Technician extensively test drove vehicle with customer, but was unable to duplicate lack of power/surging malfunction.

- Technician independently test drove vehicle under city and freeway conditions and could not duplicate reported malfunction, even after accumulating approx. 2 hours of testing.
- However, on one occasion, engine stalled 3 times while driving around dealership at approx. 15 mph after cold start-up. Engine started up immediately after each stalling event.
- Technician examined vehicle and determined that the fuel pump was the most likely cause of condition.

Probable Cause

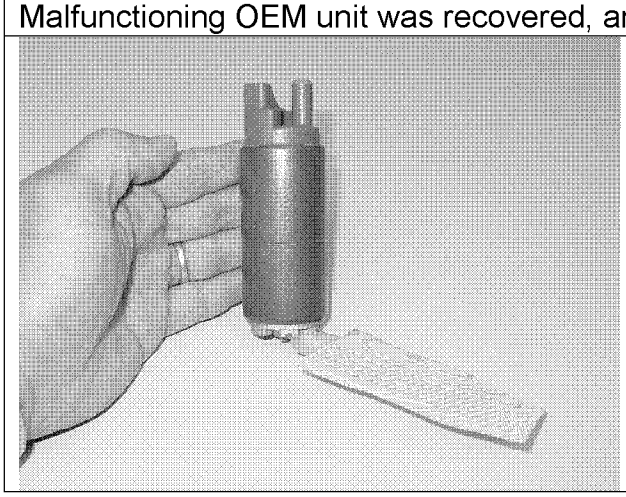
Analysis indicated that the fuel pump assembly was malfunctioning, causing intermittent lack of engine power, surging, and stalling due to low fuel pressure.

- Fuel inside the fuel tank was clean, but a small amount of foreign material or debris was noted on bottom of the tank.
- Fuel pump inlet screen was clean, and exhibited no sign of foreign material or debris.

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
2322050110			Have part / will ship	2106

Repair Process

Fuel Pump assembly ("Pump Assy, Fuel" PN 23220-50110) was replaced, correcting condition. Malfunctioning OEM unit was recovered, and will be forwarded to TMS QAP with this Report.



Overall view of malfunctioning LS 430 Fuel Pump that had caused intermittent lack of Engine power, surging and stalling due to low fuel pressure.

- Fuel Pump was manufactured by Aisan.
- A yellow-colored paint mark was located on rear of the brown plastic housing.
- No other markings were identified on Fuel Pump assembly.

Note: Fuel pump Connector Receptacle sustained damage when it was accidentally dropped after removal from Vehicle.

FIELD TECHNICAL REPORT

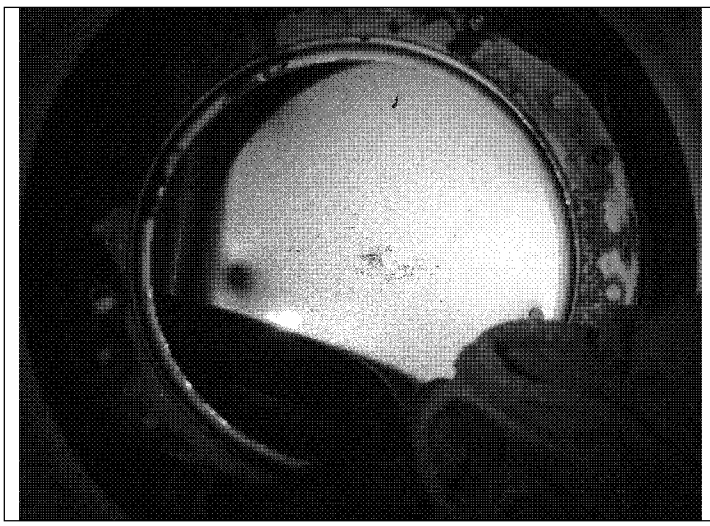
TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VGF209041	TMS	QA-Powertrain	FPE	REG-SF	21214-1	3/30/04

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	LS 430	2004	09-2003	5731 mi	JTHBN36F640[redacted]

Condition Title

ENGINE LACKS POWER/SURGES-FUEL PUMP MALFUNCTION



Close-up photo of fuel tank showing a small accumulation of dirt/debris on floor of tank immediately below fuel pump assembly.

- Debris accumulation was small, and none was found on fuel pump inlet screen assy.
- Debris had not been introduced to the fuel tank when fuel pump was removed, and was identified immediately after Fuel Pump/Sender/Filter assembly was dismounted.

Attachment 1: PRCS

Attachment 1 : Parts Recovery Control Sheet

VIN [redacted]

Ship all parts to TMS – Parts Return Center. Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

TQCN Doc No.

Final Destination:	2106	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

	Part # 1:	Part Description	Qty.	Used Part Value (FOR CUSTOMS USE: Used Parts Value)
1	2322050110	PUMP ASSY, FUEL W/FILTER	1	$ 44 .00
	Comments:			
	Part # 2:	**Part Description**	**Qty.**	**Used Part Value**
2			0	$ 0 .00
	Comments:			
	Part # 3:	**Part Description**	**Qty.**	**Used Part Value**
3			0	$ 0 .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VRR313241A	TMS	QA-Chassis	FPE	REG-LSA	20446-1	5/12/2004

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	RX 330	2004	10-2003	6224 mi	JTJGA31U140[redacted]

Condition Title

BRAKES GRADUALLY RELEASE - ABS ACTUATOR

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
4/5/04	0510043	

Condition Description

Customer states when sitting at a stoplight the brakes gradually release and the vehicle begins to creep forward. The brake pedal must be applied harder to stop the vehicle.

Diagnostic Steps:

1. The vehicle was test-driven and the problem was duplicated. A brake pedal depressor (from the alignment machine tools) was used to hold a consistent pressure on the brake pedal. After the brake pedal was depressed with a constant brake pressure the vehicle began to creep forward after several seconds. This was done several times with the same result.
2. The vehicle was checked for diagnostic trouble codes: None
3. The master cylinder and booster assembly were replaced and had no effect on the condition
4. The ABS actuator was replaced and the problem was eliminated.

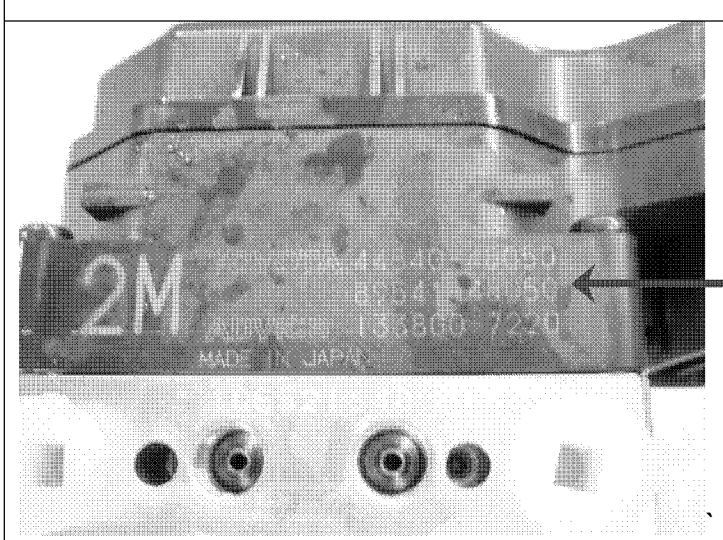
Probable Cause

Unknown at this time.

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
4405048150			Have part / will ship	TMC

Repair Process

Replacing the ABS actuator repaired the vehicle.



TOYOTA 44540-48050
89541-48050
ADVICS 133800-7220

10E521848

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VRR313241A	TMS	QA-Chassis	FPE	REG-LSA	20446-1	5/12/2004

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	RX 330	2004	10-2003	6224 mi	JTJGA31U140[redacted]

Condition Title
BRAKES GRADUALLY RELEASE - ABS ACTUATOR

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	TMC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)

North America EDER Gr., Technical Dept. #1
Overseas Customer Service Technical Div.
TOYOTA MOTOR CORPORTATION
Nisshin Education & Training Center
5-210, SAKAE, NISSHIN, AICH, 470-0113
Japan

Deliver to:

Attn:

Tel:

住所：

宛先：

Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	4405048150	ACTUATOR ASSY, BRAKE W/FLUID	1	$ 367 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VRR313241	TMS	QA-Chassis	FPE	REG-LSA	20446-1	5/12/2004

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	RX 330	2004	12-2003	684 mi	JTJGA31U040[redacted]

Condition Title

BRAKES GRADUALLY RELEASE - ABS ACTUATOR

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
4/13/04	0510042	

Condition Description

Customer states when sitting at a stoplight the brakes gradually release and the vehicle begins to creep forward. The brake pedal must be applied harder to stop the vehicle.

Diagnostic Steps:

1. The vehicle was test-driven and the problem was duplicated. A brake pedal depressor (from the alignment machine tools) was used to hold a consistent pressure on the brake pedal. After the brake pedal was depressed with a constant brake pressure the vehicle began to creep forward after several seconds. This was done several times with the same result.
2. The vehicle was checked for diagnostic trouble codes: None
3. The master cylinder and booster assembly were replaced and had no effect on the condition
4. The ABS actuator was replaced and the problem was eliminated.

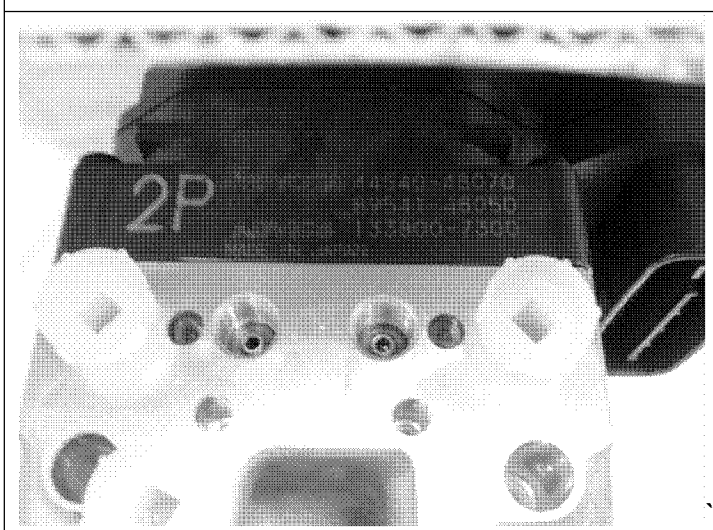
Probable Cause

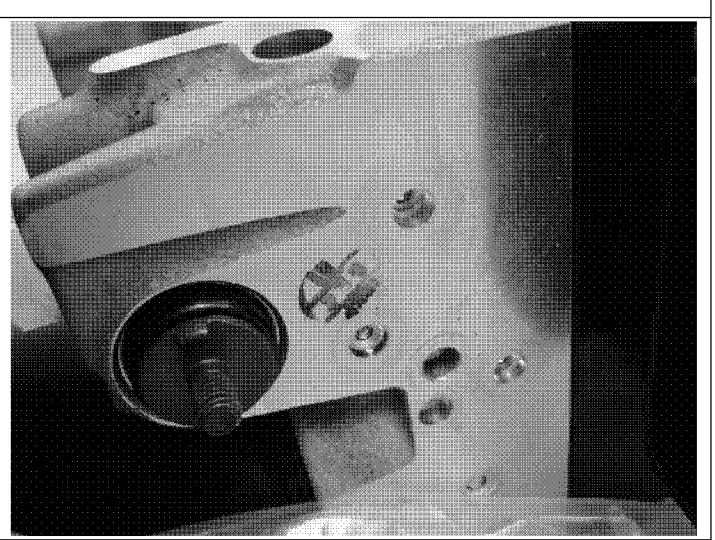
Unknown at this time.

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
4405048150			Have part / will ship	TMC

Repair Process

Replacing the ABS actuator repaired the vehicle.





Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VRR313241	TMS	QA-Chassis	FPE	REG-LSA	20446-1	5/12/2004

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	RX 330	2004	12-2003	684 mi	JTJGA31U040[redacted]

Condition Title
BRAKES GRADUALLY RELEASE - ABS ACTUATOR

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	TMC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)

North America EDER Gr., Technical Dept. #1
Overseas Customer Service Technical Div.
TOYOTA MOTOR CORPORTATION
Nisshin Education & Training Center
5-210, SAKAE, NISSHIN, AICH, 470-0113
Japan

Deliver to:

Attn:

Tel:

住所：

宛先：

Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	4405048150	ACTUATOR ASSY, BRAKE W/FLUID	1	$ 367 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-J0K116041	TMS	QA-Powertrain	FTS	REG-GST	22709-1	6/9/2004

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2004	02-2004	1502 mi	4T1BE32K54U[redacted]

Condition Title

Engine Surge, A/F Sensor Malfunction

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
05/11/2004		

Condition Description

Vehicle surges when driving under light load. No DTC's stored in the ECM.

Diagnostic Steps:

- Inspected fuel pressure. Fuel pressure was 46 psi.
- Inspected operation of mass airflow sensor. Used calculated load per Repair Manual and compared readings, all readings within specifications. Exchanged MAS with known good unit, no change in condition.
- Exchanged ECM with KGU ECM with no change.
- Disconnected air/fuel ratio sensor and problem went away.

Probable Cause

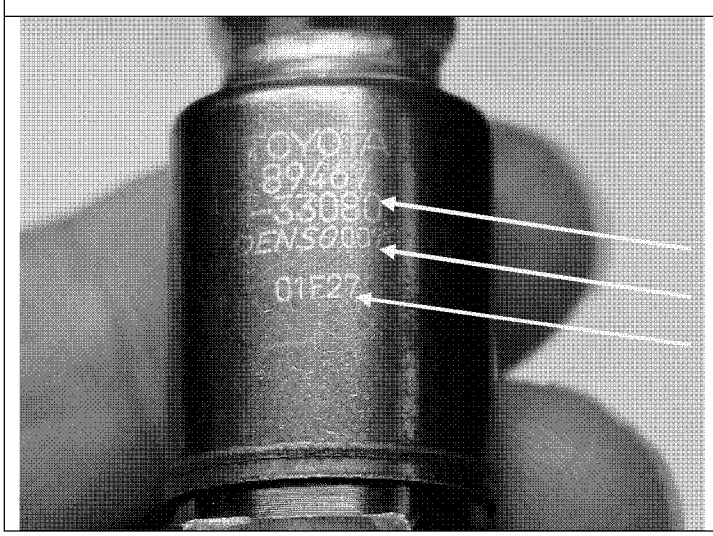
False signal from the air/fuel ratio sensor.

Dealership did not provide Techview file, the type of false signal is not available.

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
8946733080			Have part / will ship	TMMNA

Repair Process

Replacing the sensor corrected the concern.



Air/Fuel Ratio Sensor
P/N 89467-33080
Denso 0070
01F27

FIELD TECHNICAL REPORT

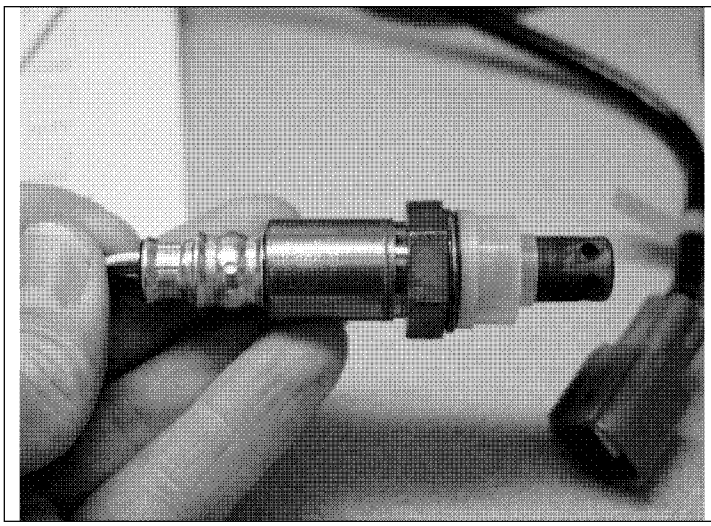
TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-J0K116041	TMS	QA-Powertrain	FTS	REG-GST	22709-1	6/9/2004

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2004	02-2004	1502 mi	4T1BE32K54U[redacted]

Condition Title

Engine Surge, A/F Sensor Malfunction



Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-J0K116041	TMS	QA-Powertrain	FTS	REG-GST	22709-1	6/9/2004

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2004	02-2004	1502 mi	4T1BE32K54U[redacted]

Condition Title
Engine Surge, A/F Sensor Malfunction

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	TMMNA	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)

North America EDER Gr., Technical Dept. #1
Overseas Customer Service Technical Div.
TOYOTA MOTOR CORPORTATION
Nisshin Education & Training Center
5-210, SAKAE, NISSHIN, AICH, 470-0113
Japan

Deliver to:

Attn:

Tel:

住所：

宛先：

Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	8946733080	SENSOR, AIR FUEL RATIO	1	$ 30 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-JCK118141	TMS	QA-Powertrain	FTS	REG-BOS	22771-1	6/29/2004

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2004	04-2004	562 mi	4T1BF32K24U[redacted]

Condition Title

Hesitation on Acceleration

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
6-23-04		

Condition Description

Intermittent hesitation, throttle response during up-shift on acceleration after a deceleration. This is usually after a long deceleration, or going around a curve in the road at slow speeds.

Diagnostic Steps:

Dealership installed scan tool to capture condition and could not duplicate condition. Dealership stated they have been able to duplicate condition on one occasion. Customer states that the delay is approximately 2 to 3 seconds long, tech stated more like 1 to 1 and 1/2 second long. The customer also experienced this in a similar vehicle on the dealership lot.

Probable Cause

The customer is feeling the response from the drive by wire response while the transmission is about to change gears. The customer also stated when the vehicle does respond, the vehicle moves strongly forward (as if it has down shifted in response to throttle input)

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
N/A			No part available	N/A

Repair Process

TSB – TC002-03 was performed TAS case # 041540039

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-JCK118141	TMS	QA-Powertrain	FTS	REG-BOS	22771-1	6/29/2004

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2004	04-2004	562 mi	4T1BF32K24U[redacted]

Condition Title
Hesitation on Acceleration

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	N/A	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part # 1:	Part Description	Qty.	Used Part Value
1	N/A		0	$ 0 .00
	Comments:			

	Part # 2:	Part Description	Qty.	Used Part Value
2			0	$ 0 .00
	Comments:			

	Part # 3:	Part Description	Qty.	Used Part Value
3			0	$ 0 .00
	Comments:			

	Part # 4:	Part Description	Qty.	Used Part Value
4				$ .00
	Comments:			

	Part # 5:	Part Description	Qty.	Used Part Value
5				$ .00
	Comments:			

	Part # 6:	Part Description	Qty.	Used Part Value
6				$ .00
	Comments:			

	Part # 7:	Part Description	Qty.	Used Part Value
7				$ .00
	Comments:			

	Part # 8:	Part Description	Qty.	Used Part Value
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-8FR318941	TMS	QA-Powertrain	FTS	REG-LWA	23066-1	7/8/2004

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	RX 330	2004	10-2003	5143 mi	JTJHA31U940[redacted]

Condition Title

RPM Fluctuation at all RPMs, Worse at Idle. Wire Harness

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
7/2/2004		

Condition Description

Surging, approximately 100 RPM every 3 – 5 seconds, noticed primarily at idle, but occurring at all engine speeds. The surging is accompanied by a puffing sound heard in the air filter housing.

Diagnostic Steps:

Prior to FTS involvement dealer technician checked or swapped: Air/fuel ratio sensors, fuel trim, air flow meter, ACIS valve, compression, leak-down, VVTi actuators, ETCSi actuator and TPS, ECM, swapped ignition coils and igniter assemblies.
After FTS involvement the cylinder heads were removed. Valve springs, valve seats, valve guides, lifters and cams were inspected. Electrical and circuit checks included: air flow meter, VVTi oil control valve circuits, VVTi position sensor circuits, NE sensor circuit, ignition system circuits, base timing, throttle control motor and TPS circuits.

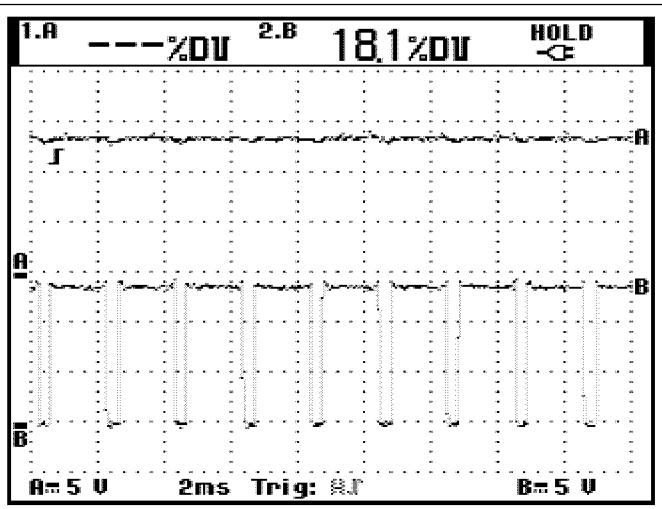
Probable Cause

Voltage spike on VTA and VTA2 caused the ECM to turn off the power supply on M+ throttle control motor terminal. See scope shots below:

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
822100E010			Have part / will ship	CQEC

Repair Process

Once the relationship between the spikes on VTA and the M+ was found, bypassed VTA and VTA2 wires with external jumper wires. Condition still present. Swapped wiring harness from known good unit and condition was corrected.



KGU - NOT idle
Ch A = M+ Ch B = M-

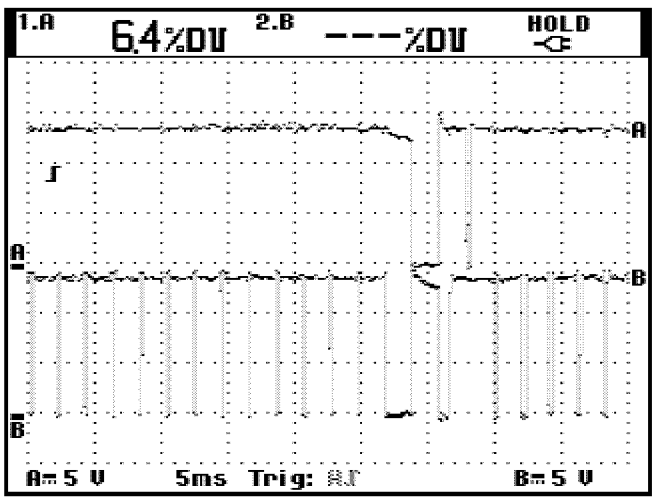
Picture 1:
Known good unit at normal operating temperature idle. M+ is a steady +B power supply and M- is duty cycled to control idle speed.

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-8FR318941	TMS	QA-Powertrain	FTS	REG-LWA	23066-1	7/8/2004

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	RX 330	2004	10-2003	5143 mi	JTJHA31U940[redacted]

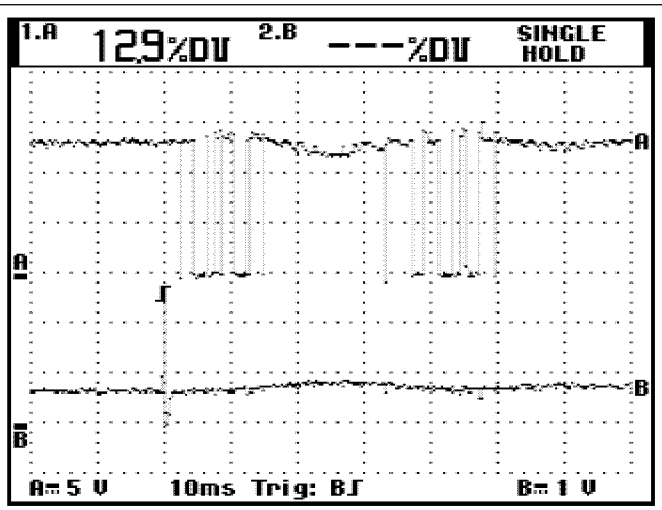
Condition Title

RPM Fluctuation at all RPMs, Worse at Idle. Wire Harness



JTJHA31U940046786 - NOT idle
Ch A = M+ Ch B = M-

Picture 2:
This is the problem car at normal operating temperature idle.



JTJHA31U940046786 - NOT idle
Ch A = M+ Ch B = VTA

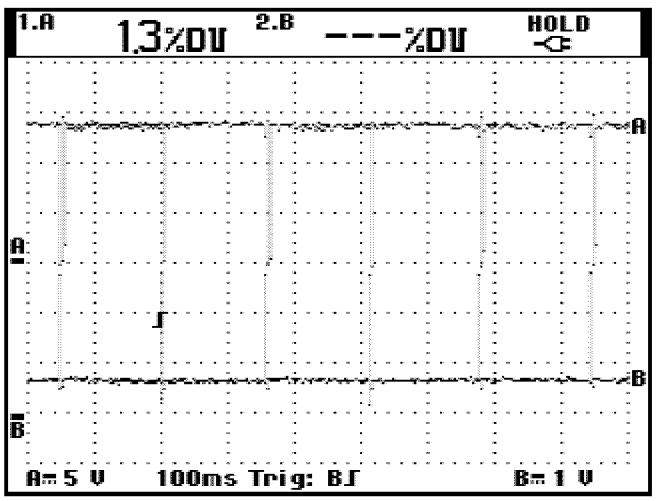
Picture 3:
This is the problem car showing M+ and VTA. Note the spike in VTA and shortly afterward the pattern on M+.

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-8FR318941	TMS	QA-Powertrain	FTS	REG-LWA	23066-1	7/8/2004

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	RX 330	2004	10-2003	5143 mi	JTJHA31U940[redacted]

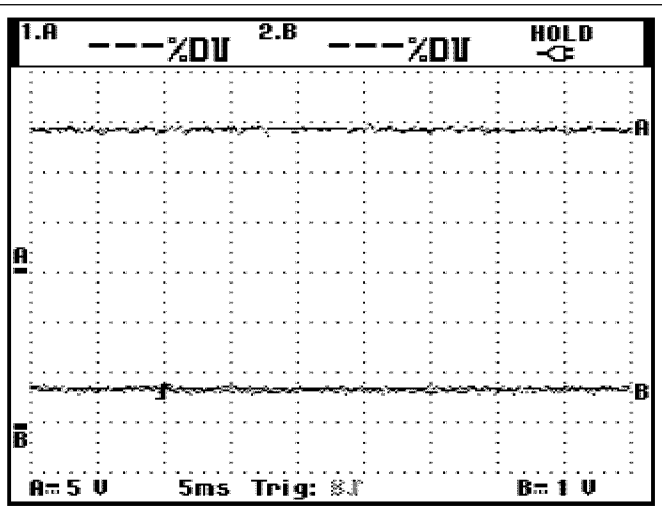
Condition Title

RPM Fluctuation at all RPMs, Worse at Idle. Wire Harness



JTJHA31U940046786 - NOT idle
Ch A = M+ Ch B = VTA

Picture 4:
This is the problem car at 100 ms per division.



JTJHA31U 940046786 - NOT idle after harness replacement.
Ch A = M+ Ch B = VTA

Picture 5:
After wiring harness replacement. Note the absence of spikes on VTA and pattern on M+ compared to Pictures 3 and 4.

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-8FR318941	TMS	QA-Powertrain	FTS	REG-LWA	23066-1	7/8/2004

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	RX 330	2004	10-2003	5143 mi	JTJHA31U940[redacted]

Condition Title
RPM Fluctuation at all RPMs, Worse at Idle. Wire Harness

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	CQEC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	822100E010		1	$ 0 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-PW7120141A	TMS	QA-Powertrain	PE	TMS	23177-1	7/20/2004

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Scion tC	2005	05/2004	2491	JTKDE167050[redacted]

Condition Title

Performance Surge - When A/C engages

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval

Condition Description

While driving at highway speeds (above 65 mph) when the A/C compressor engages there is a engine surge or bump that is felt through the floorboard at the drivers feet.

Diagnostic Steps:

While driving at highway speeds if the A/C button is turned on and off, when turned on you can feel the surge/bump.

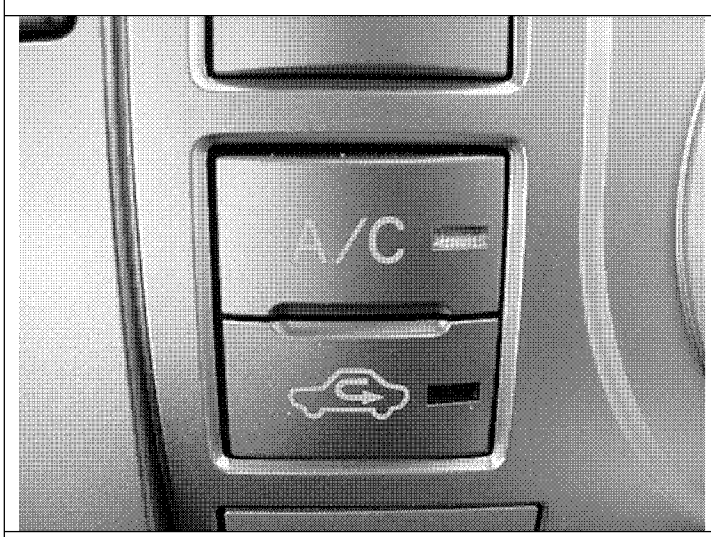
Probable Cause

Unknown.

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
N/A			No part available	N/A

Repair Process

No repairs made. This FTR is being written to inform TMC of this condition.



A/C "ON"

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-PW7120141A	TMS	QA-Powertrain	PE	TMS	23177-1	7/20/2004

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Scion tC	2005	05/2004	2491	JTKDE167050[redacted]

Condition Title
Performance Surge - When A/C engages

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	N/A	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)

North America EDER Gr., Technical Dept. #1
Overseas Customer Service Technical Div.
TOYOTA MOTOR CORPORTATION
Nisshin Education & Training Center
5-210, SAKAE, NISSHIN, AICH, 470-0113
Japan

Deliver to:

Attn:

Tel:

住所：

宛先：

Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	N/A		1	$ 0 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VRG122741	TMS	QA-Powertrain	FPE	REG-LSA	13898-3	8/16/2004

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	ES 300	2002	05-2002	18869 mi	JTHBF30G120[redacted]

Condition Title

Hesitation on Reacceleration (Shift Schedule) After C/M

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
8/13/04	64201	

Condition Description

Customer states when coasting or braking down to less than 15mph, then reaccelerating, a hesitation is felt before the vehicle begins to accelerate.

Note: TSIB TC004-03 was performed on this vehicle on 8/26/03
Customer has complained of shifting on the following repairs:

- 11/6/03 – Jerks when accelerating from a rolling stop
- 2/5/04 – Hesitation
- Present repair – Hesitation on reacceleration

Diagnostic Steps:

The vehicle was driven with the scan tool and a snapshot was taken while duplicating the condition. Only 9 items were selected in user data to maximize the update time of the scan tool. The snapshot was reviewed on Techview and revealed a **3.0 second delay** between when the accelerator pedal position sensor increased and vehicle speed increased (see picture below).

Probable Cause

Transmission / ECM logic concern

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
N/A			No part available	N/A

Repair Process

No repairs were performed; the vehicle is operating as designed.

FIELD TECHNICAL REPORT

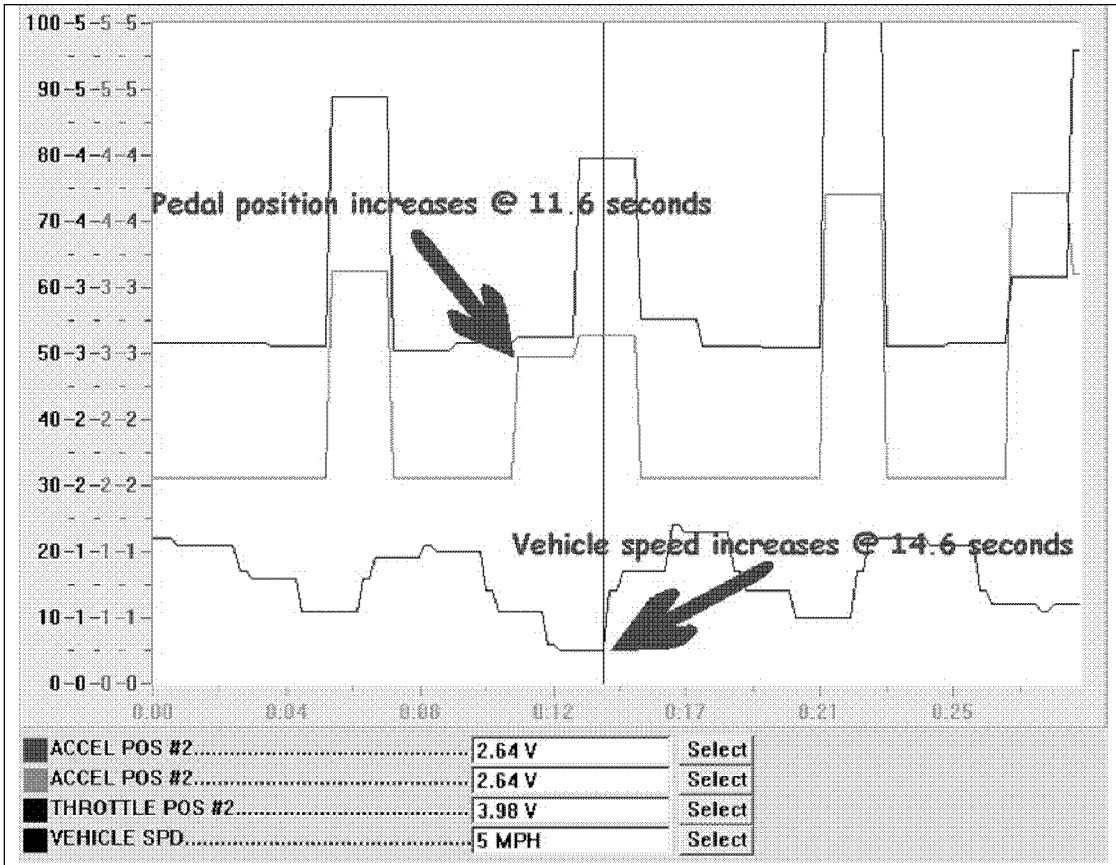
TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VRG122741	TMS	QA-Powertrain	FPE	REG-LSA	13898-3	8/16/2004

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	ES 300	2002	05-2002	18869 mi	JTHBF30G120[redacted]

Condition Title

Hesitation on Reacceleration (Shift Schedule) After C/M



Picture of condition

C:\Documents and Settings\hennesm\My

Techview file

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VRG122741	TMS	QA-Powertrain	FPE	REG-LSA	13898-3	8/16/2004

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	ES 300	2002	05-2002	18869 mi	JTHBF30G120[redacted]

Condition Title
Hesitation on Reacceleration (Shift Schedule) After C/M

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	N/A	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	N/A		0	$ 0 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-63103-2174B	TMS	QA-Powertrain	MDT/DS	63103	23062-1	8/23/2004

Dealer Name	Dealer City	State	Region
LEXUS OF SMITHTOWN	ST. JAMES	NY	LEA

Primary Model	Model Year	Production Date	Odometer	VIN
RX 330	2004	10-MAR-04	5231 mi	2T2HA31U04C[redacted]

Condition Title

Vehicle Jerks When Accelerating From a Stop (Shift Schedule)

Repair Date	Optional Ref.	Applicable DTC Code(s)
27-JUL-2004		

Condition Description

Customer states vehicle jerks when accelerating after stop.

Diagnostic Steps:

Road tested vehicle.

Probable Cause

ECU logic.

Part # 1:	Part # 2:	Part # 3:	Parts Available on Request:	Parts Shipping Destination:
111111111111			No part available	

Repair Process

none

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-63103-2174B	TMS	QA-Powertrain	MDT/DS	63103	23062-1	8/23/2004

Dealer Name	Dealer City	State	Region
LEXUS OF SMITHTOWN	ST. JAMES	NY	LEA

Primary Model	Model Year	Production Date	Odometer	VIN
RX 330	2004	10-MAR-04	5231 mi	2T2HA31U04C[redacted]

Condition Title

Vehicle Jerks When Accelerating From a Stop (Shift Schedule)

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking

VIN [redacted]

Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:		SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel：

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	**Part # 1:** 111111111111	**Part Description**	**Qty.** 1	**Used Part Value** $ 0 .00
	Comments:			
2	**Part # 2:**	**Part Description**	**Qty.** 0	**Used Part Value** $ 0 .00
	Comments:			
3	**Part # 3:**	**Part Description**	**Qty.** 0	**Used Part Value** $ 0 .00
	Comments:			
4	**Part # 4:**	**Part Description**	**Qty.**	**Used Part Value** $ .00
	Comments:			
5	**Part # 5:**	**Part Description**	**Qty.**	**Used Part Value** $ .00
	Comments:			
6	**Part # 6:**	**Part Description**	**Qty.**	**Used Part Value** $ .00
	Comments:			
7	**Part # 7:**	**Part Description**	**Qty.**	**Used Part Value** $ .00
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-64107-2344B	TMS	QA-Powertrain	MDT/DS	64107	23708-1	9/7/2004

Dealer Name	Dealer City	State	Region
LEXUS OF MEMPHIS	MEMPHIS	TN	LSA

Primary Model	Model Year	Production Date	Odometer	VIN
ES 300	2002	22-JAN-02	13733 mi	JTHBF30G925[redacted]

Condition Title
QA-Powertrain: Gas Pedal/Throttle/Floor Mat

Repair Date	Optional Ref.	Applicable DTC Code(s)
10-AUG-2004		

Condition Description

Customer states vehicle accelerated on its own, stepping on brake pedal did not help in slowing it down. Customer was aware of the NHTSA investigation and refuses to drive vehicle.

Diagnostic Steps:

Simply opened driver's door to get in vehicle and immediately saw a possible cause. Then put scan tool on to be sure ECM did not see anything abnormal, no codes in history, pending or current. All data reading normal.

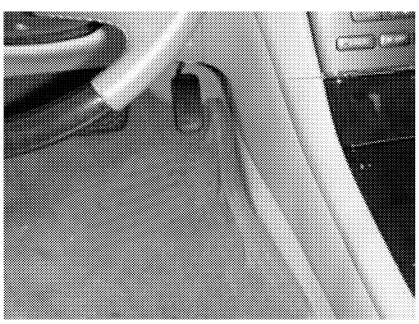
Probable Cause

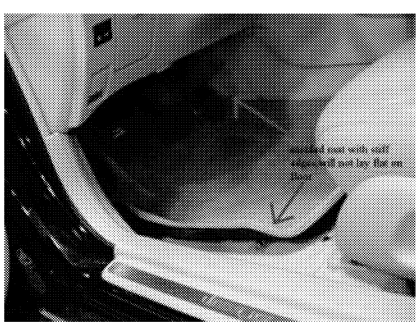
Customer using a hard molded carpeted floor mat with a smooth rubber bottom, enabling it to slide easily back and forth thus easily covering gas pedal.

Part # 1:	Part # 2:	Part # 3:	Parts Available on Request:	Parts Shipping Destination:
N/A			No part available	

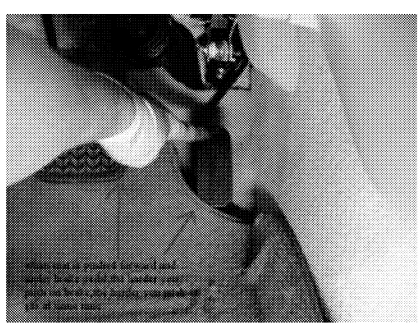
Repair Process

Spoke again with customer to see exactly when it occurred and customer stated that it happened on hard acceleration to pass someone. Also said engine shifted and sounded different, (transmission downshifted). By hand moved floor mat up to see just how it would interfere and it will interfere with accelerator pedal. Explained this to customer showing them the possibility and told them not to drive vehicle with that floor mat.





As shown in the picture the factory mat is still installed below aftermarket floor mat.



Aftermarket floor mat would slide forward and contact accelerator pedal. Pushing on brake pedal hard would cause floor mat to slide forward more.

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-64107-2344B	TMS	QA-Powertrain	MDT/DS	64107	23708-1	9/7/2004

Dealer Name	Dealer City	State	Region
LEXUS OF MEMPHIS	MEMPHIS	TN	LSA

Primary Model	Model Year	Production Date	Odometer	VIN
ES 300	2002	22-JAN-02	13733 mi	JTHBF30G925[redacted]

Condition Title
QA-Powertrain: Gas Pedal/Throttle/Floor Mat

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:		SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel：

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	N/A		0	$ 0 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VQN134341	TMS	QA-Powertrain	FPE	TMS-LA	24891-1	12/9/2004

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Tacoma	2005	01-Oct-2004	2368 mi	5TENX62N25Z[redacted]

Condition Title

NON-LINEAR OFF-THROTTLE RESPONSE

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
08-DEC-2004		

Condition Description

Customer complains engine RPM fluctuates or does not drop quickly when throttle is not applied (foot off of gas pedal).

- Customer states engine does RPM not decrease when clutch is disengaged (throttle released) during upshift.
- Customer states engine RPM may increase or decrease while the clutch is disengaged, and the throttle is released.
- Additional customer complaint describes a condition similar to an automatic transmission feeling during deceleration, where engine braking does not slow the vehicle while the throttle is released.

Diagnostic Steps:

FPE test-drove vehicle with the dealer technician.

- Customer complaint of insufficient off-throttle engine braking could not be confirmed.
- Customer complaint of non-linear response during off-throttle was duplicated and recorded in attached Techview file.
- Condition **can be duplicated** by accelerating full throttle (4^{th} gear) to above 4000 RPM, then releasing throttle as clutch pedal is depressed and held down.
- Click on NOTES icon to read explanations of data, as recorded and annotated by FPE.

Probable Cause

Unidentified characteristic of the vehicle.

- No DTC's stored in memory, and no DTC's found in Codes History.
- Customer vehicle drivability and performance consistent with other '05 Tacomas equipped with 2TR engine.

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
N/A			No part available	N/A

Repair Process

No action taken at this time.

Double-click icon to access Techview file. Click on Notes icon (top of Techview window) to read explanations of driving samples.

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-7I7105551	TMS	QA-Powertrain	FTS	TMS-NY	25816-1	2/25/2005

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Scion tC	2005	20-Sep-2004	2910 mi	JTKDE177750[redacted]

Condition Title

Check engine light, engine speed surges/rough idle, DTC P0300, P0301, P0304

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
28-JAN-2005		

Condition Description

Customer states that the check engine light is on, engine has rough idle & surges when driving.

Diagnostic Steps:

FTS verified customer concern. Retrieved diagnostic trouble codes P0300, P0301 & P0304 using diagnostic scan tool. Following checks were performed:

- Checked fuel quality & fuel pressure.
- Checked engine timing.
- Checked for any vacuum leaks.
- Compression test.
- Checked spark plugs & wires.
- Performed EFI & checked injectors.
- Checked connections from all vital sensors to the ECM.

All above tests passed. FTS performed test drive using diagnostic scan tool to monitor following data:

- Engine RPM.
- MAF, O2 & A/F sensors
- Long & short fuel trim

Upon test drive FTS found A/F sensor fluctuating between 1.9v & 4.9v when the concern happens. FTS unplugged the A/F sensor & drove vehicle, vehicle acted normally. FTS swapped in known good A/F sensor to verify repair, vehicle operated within manufacturer's specification.

Probable Cause

Failed A/F sensor.

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
8946733080			Have part / will ship	2111

Repair Process

Advised technician to replace A/F sensor.

FIELD TECHNICAL REPORT

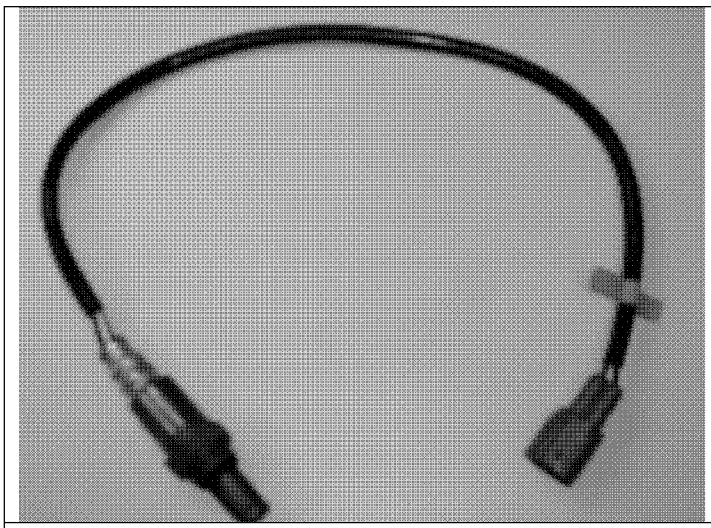
TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-7I7105551	TMS	QA-Powertrain	FTS	TMS-NY	25816-1	2/25/2005

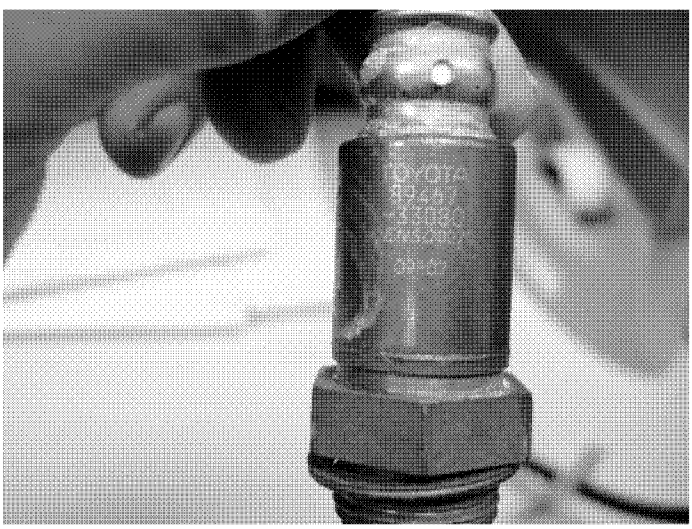
Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Scion tC	2005	20-Sep-2004	2910 mi	JTKDE177750[redacted]

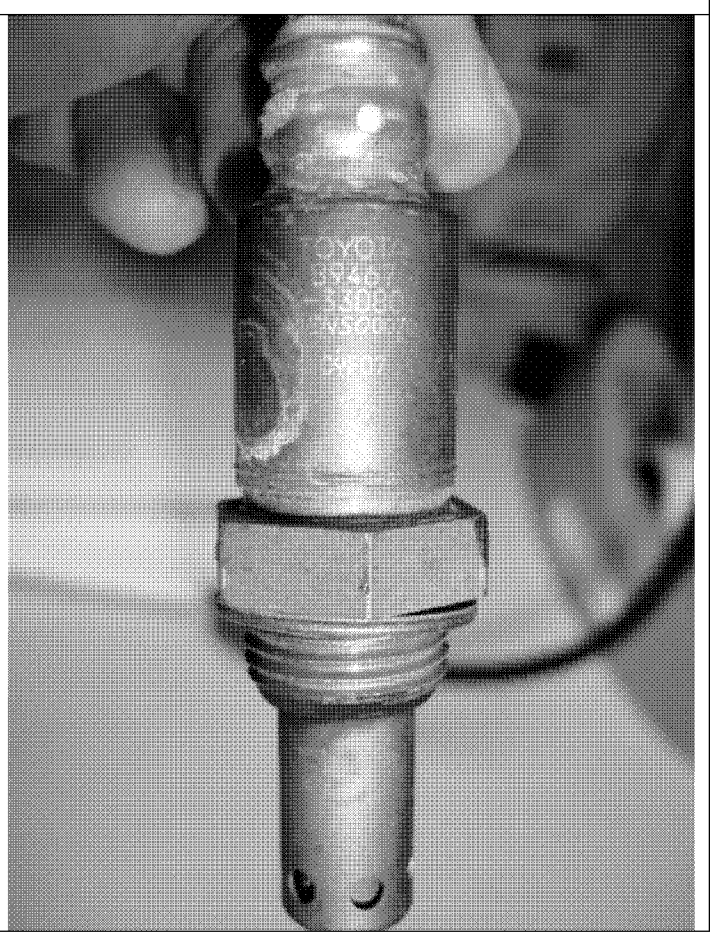
Condition Title

Check engine light, engine speed surges/rough idle, DTC P0300, P0301, P0304



Information on A/F sensor:
89467-33080, DENSO0070, 09F07





Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-7I7105551	TMS	QA-Powertrain	FTS	TMS-NY	25816-1	2/25/2005

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Scion tC	2005	20-Sep-2004	2910 mi	JTKDE177750[redacted]

Condition Title

Check engine light, engine speed surges/rough idle, DTC P0300, P0301, P0304

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking

VIN [redacted]

Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	2111	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)

North America EDER Gr., Technical Dept. #1
Overseas Customer Service Technical Div.
TOYOTA MOTOR CORPORTATION
Nisshin Education & Training Center
5-210, SAKAE, NISSHIN, AICH, 470-0113
Japan

Deliver to:

Attn:

Tel:

住所：

宛先：

Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	8946733080	SENSOR, AIR FUEL RATIO	1	$ 30 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-61205-0735	TMS	QA-Powertrain	MDT/DS	61205	26112-1	3/15/2005

Dealer Name	Dealer City	State	Region
LEXUS OF HIGHLAND PARK	HIGHLAND PARK	IL	LCA

Primary Model	Model Year	Production Date	Odometer	VIN
LS 430	2005	10-NOV-04	1098 mi	JTHBN36F855[redacted]

Condition Title
QA-Powertrain: Automatic Transmission

Repair Date	Optional Ref.	Applicable DTC Code(s)
03-MAR-2005		

Condition Description

THERE IS A DELAY WHEN SHIFTING FROM REVERSE TO DRIVE,THEN SHORTLY AFTER THAT YOU'LL FEEL IT ENGAGE WITH A LITTLE JERKING.

Diagnostic Steps:

DID A PRESSURE TEST WITH THE TRANSMISSION PRESSURE GAGE. STALL TEST IN DRIVE WAS 60 PSI. STALL TEST IN REVERSE WAS 95 PSI. BOTH TESTS AT IDLE. STALL TEST IN DRIVE WAS 130 PSI. STALL IN REVERSE WAS 230 PSI. WITH FOOT ON BRAKE, IDLE SPEED YOU COULD SEE ON THE GAGE A DELAY IN PRESSURE FROM REVERSE TO DRIVE AND DRIVE TO REVERSE.

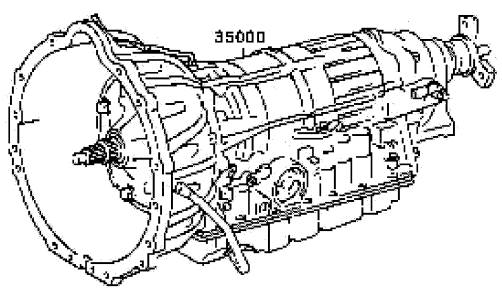
Probable Cause

INTERNAL LEAK DOWN IN TRANSMISSION.

Part # 1:	Part # 2:	Part # 3:	Parts Available on Request:	Parts Shipping Destination:
3500050150	3200050040		Yes	CQEC

Repair Process

REPLACE TRANSMISSION ASSEMBLY AND TORQUE CONVERTER



DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-61205-0735	TMS	QA-Powertrain	MDT/DS	61205	26112-1	3/15/2005

Dealer Name	Dealer City	State	Region
LEXUS OF HIGHLAND PARK	HIGHLAND PARK	IL	LCA

Primary Model	Model Year	Production Date	Odometer	VIN
LS 430	2005	10-NOV-04	1098 mi	JTHBN36F855[redacted]

Condition Title
QA-Powertrain: Automatic Transmission

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	CQEC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	3500050150	TRANSMISSION ASSY	1	$ 834 .00
	Comments:			
2	3200050040	CONVERTER ASSY, TORQUE	1	$ 143 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			

販売店プロダクトリポート

TQCN DOC#	系列会社	部	出所	ディーラー・コード	参考	日付
PR61205-0735	TMS	QA パワートレ	MDT/D	61205	26112-1	3/15/2005

ディーラー名	ディーラー都市	州	地域
ハイランドパークの LEXUS	ハイランドパーク	IL	LCA

主要なモデル	モデルイヤー	生産日	オドメータ	VIN
LS 430	2005	10-11 月-04	1098 の mi	JTHBN36F855[redacted]

状態タイトル
QA パワートレーン: オートマチックトランスミッション

修理期日	オプションの Ref	適用可能な DTC コード
03-3 月-2005		

状態記述

その直後にリバ-スからドライブのギアをその後入れる場合、遅れが出ています、感じるでしょう、IT、小さなジャーキングで従事します。

診断のステップ:

T/M 圧力計を備えた圧力試験を行いました。 駆動中のスト-ル・テストは 60P.S.I.でした。 スト-ル・テストは逆に 95P.S.I.でした。 アイドルの両方のテスト。 駆動中のスト-ル・テストは 130P.S.I.でした。 スト-ルは逆に 230P.S.I.でした。 ブレーキ上の足で、ゲージ上で見ることができるアイドル・スピード、運転するべきリバ-スおよびドライブからリバ-スまでの圧力の遅れ。

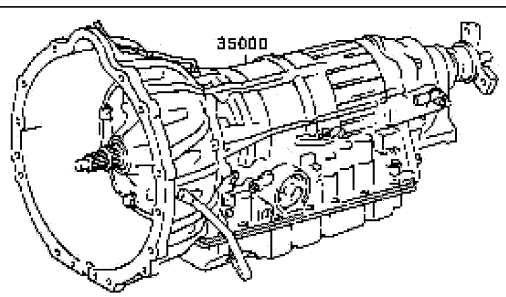
考えられる原因

IN T/M を下った内部漏れ。

部分 1 番:	部分 2 番:	部分 3 番:	要求のあり次第利用可能な部品:	部品を発送目的地:
3500050150	3200050040		はい	CQEC

修理処理

T/M アッセンブリとトルクコンバ-タを交換します



TQCN DOC#	系列会社	部	出所	ディーラー・コード	参考	日付
PR61205-0735	TMS	QA パワートレ	MDT/D	61205	26112-1	3/15/2005

ディーラー名	ディーラー都市	州	地域
ハイランドパークの LEXUS	ハイランドパーク	IL	LCA

主要なモデル	モデルイヤー	生産日	オドメータ	VIN
LS 430	2005	10-11 月-04	1098 の mi	JTHBN36F855[redacted]

状態タイトル
QA パワートレーン: オートマチックトランスミッション

アタッチメント 1: 部品回収統制図

Orig トラッキング

VIN [redacted]

doc No.

SHADED フィールドをタイプインしないでください。 下記の最終仕向地フィールドが「切れ端」である場合は、適切にその部分を処分してください。

最終仕向地: CQEC	SETR#:		CQE E/G:	N/A	

輸入業者: (TMC出荷だけに当てはまります)	次のものに伝えます:	住所:
北アメリカEDER Gr、技術的な部#1 海外の顧客サービスの技術的な部 トヨタ自動車CORPORTATION Nisshin教育&トレーニング・センター 5-210、SAKAE、NISSHIN、AICH、470-0113 日本	Attn: 電話番号:	宛先: 電話番号:

T星

このFTRが1つを越えるVINを含んでいる場合、注釈:、VIN、生産日およびオドメータを含んでいる報告の中でテーブルを作成する。

	部分 1 番:	部分記述	量。	関税使用のために: 使用された部品価値 使用された部分価値
1	3500050150	T/M ASSY	1	$ 834 .00
	コメント:			
2	部分 2 番: 3200050040	部分記述 コンバータ ASSY、トルク	量。 1	使用された部分価値 $ 143 .00
	コメント:			
3	部分 3 番:	部分記述	量。 0	使用された部分価値 $ 0 .00
	コメント:			
4	部分 4 番:	部分記述	量。	使用された部分価値 $ .00
	コメント:			
5	部分 5 番:	部分記述	量。	使用された部分価値 $ .00
	コメント:			
	部分 6 番:	部分記述	量。	使用された部分価値

TOY-RQ-00075147

販売店プロダクトリポート

TOYOTA | LEXUS

TQCN DOC#	系列会社	部	出所	ディーラー・コード	参考	日付
PR61205-0735	TMS	QA パワートレ	MDT/D	61205	26112-1	3/15/2005

ディーラー名	ディーラー都市	州	地域
ハイランドパークの LEXUS	ハイランドパーク	IL	LCA

主要なモデル	モデルイヤー	生産日	オドメータ	VIN
LS 430	2005	10-11 月-04	1098 の mi	JTHBN36F855[redacted]

状態タイトル
QA パワートレーン: オートマチックトランスミッション

	部分 **6** 番:	部分記述	量。	使用された部分価値
6	コメント:			$ .00

	部分 **7** 番:	部分記述	量。	使用された部分価値
				$ .00
	コメント:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-JFK107551	TMS	QA-Powertrain	FTS	TMS-CAT	26189-1	3/18/2005

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2005	13-Jan-2005	830 mi	4T1BE30K35U[redacted]

Condition Title

Surge under light throttle

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
15-MAR-2005		

Condition Description

Engine surge under light throttle cruise.

Diagnostic Steps:

View engine data list on the scan tool while condition is present. Using active test I locked the A/F sensor value and the condition was eliminated.

Probable Cause

Incorrect signal from B1S1

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
8946706030			Have part / will ship	2111

Repair Process

No replacement part was available, swap part from known good vehicle to confirm repair and order replacement part.
Part # from A/F sensor 89467-06030 Build date 12F03
Part is not ready for recovery until replacement part is received.

05 be3.evn	Tech view file of event

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-JFK107551	TMS	QA-Powertrain	FTS	TMS-CAT	26189-1	3/18/2005

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2005	13-Jan-2005	830 mi	4T1BE30K35U[redacted]

Condition Title
Surge under light throttle

Attachment 1: PRCS

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking

VIN [redacted]

Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	2111	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	8946706030	SENSOR, AIR FUEL RATIO	1	$ 30 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-JFK107551	TMS	QA-Powertrain	FTS	TMS-CAT	26189-1	3/18/2005

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2005	13-Jan-2005	830 mi	4T1BE30K35U[redacted]

Condition Title

Surge under light throttle

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-PEN111751F	TMS	QA-Powertrain	PE	TMS	26741-1	4/27/2005

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Tacoma	2005	01/05	2040	5TEUX42N25Z[redacted]

Condition Title

Manual Transmission Rear Seal Leak

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval

Condition Description

The customer complained that the vehicle would buck while driving and at the same time hear a high pitch whining noise.

Diagnostic Steps:

Technician confirmed customer complaint and isolated noise to manual transmission assembly. Technician checked fluid level and confirmed fluid level to be very low. Continued examining and confirmed that rear transmission extension housing seal was leaking fluid into extension housing and collecting between transfer case and transmission assembly.

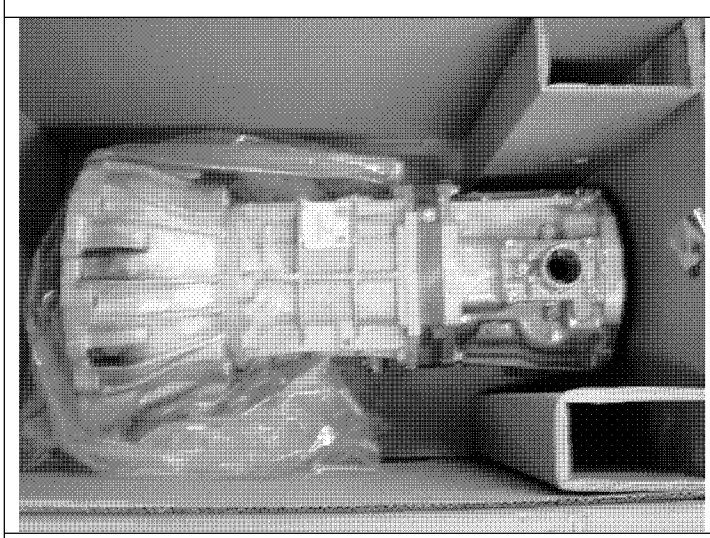
Probable Cause

Seal damage

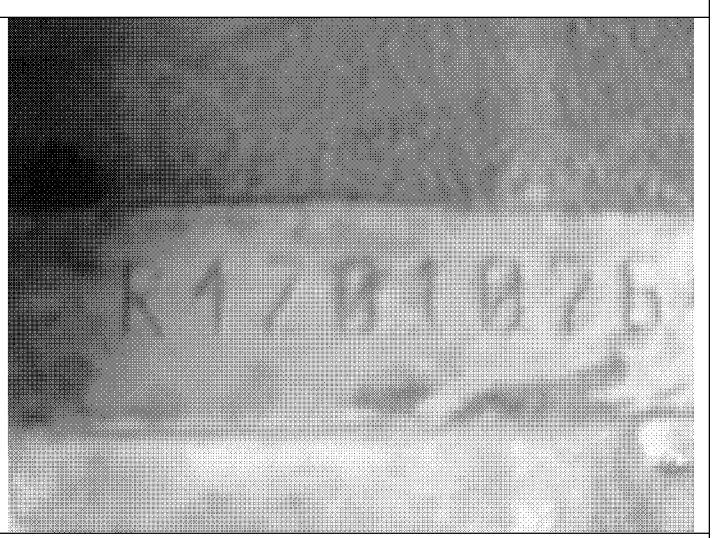
Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
3303035A50			Have part / will ship	CQEC

Repair Process

Technician replaced transmission assembly (P/N 33030-35A50) to repair vehicle.



Transmission Assy (P/N 33030-35A50)



Transmission Serial Number R4Z01076

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-PEN111751F	TMS	QA-Powertrain	PE	TMS	26741-1	4/27/2005

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Tacoma	2005	01/05	2040	5TEUX42N25Z[redacted]

Condition Title
Manual Transmission Rear Seal Leak

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking

VIN

Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	CQEC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part # 1:	Part Description	Qty.	Used Part Value
1	3303035A50	TRANSMISSION UNIT ASSY	1	$ 309 .00
	Comments:			

	Part # 2:	Part Description	Qty.	Used Part Value
2			0	$ 0 .00
	Comments:			

	Part # 3:	Part Description	Qty.	Used Part Value
3			0	$ 0 .00
	Comments:			

	Part # 4:	Part Description	Qty.	Used Part Value
4				$ .00
	Comments:			

	Part # 5:	Part Description	Qty.	Used Part Value
5				$ .00
	Comments:			

	Part # 6:	Part Description	Qty.	Used Part Value
6				$ .00
	Comments:			

	Part # 7:	Part Description	Qty.	Used Part Value
7				$ .00
	Comments:			

	Part # 8:	Part Description	Qty.	Used Part Value
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-JAK118851	TMS	QA-Powertrain	FTS	TMS-BOS	24078-1	7/9/2005

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2004	26-Nov-2003	22682 mi	4T1BF32K74U[redacted]

Condition Title

04 Camry 1MZ-FE engine surge. B1S1 A/F no DTCs

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
23-JUN-2005		

Condition Description

Customer stated the vehicle surges intermittently and at intermittent speeds.

Diagnostic Steps:

- FTS inspected this vehicle and confirmed the condition during a test drive with the customer.
- The condition occurred under load while accelerating. The condition was most noticeable at speeds up to ~ 35 MPH. The condition was not present at cruise.
- FTS found the B1S1 Air Fuel Ration Sensor voltage fluctuating rapidly while the condition occurred (review attached TV file).
- FTS inspected this vehicle's ECM for DTCs with none stored.
- FTS disconnected the B1S1 A/F Sensor which put the vehicle in limp mode and found the condition no longer occurred.
- FTS inspected the wiring associated with the B1S1 A/F Sensor. All inspected wiring and components were found operating as designed.

Probable Cause

B1S1 Air Fuel Ratio Sensor.

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
8946733060			Have part / will ship	CQEC

Repair Process

FTS replaced the B1S1 Air Fuel Ratio Sensor.

[redacted]04 Camry.evn

TV file with Ram data

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-JAK118851	TMS	QA-Powertrain	FTS	TMS-BOS	24078-1	7/9/2005

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2004	26-Nov-2003	22682 mi	4T1BF32K74U[redacted]

Condition Title
04 Camry 1MZ-FE engine surge. B1S1 A/F no DTCs

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking

VIN [redacted]

Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	CQEC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)

North America EDER Gr., Technical Dept. #1
Overseas Customer Service Technical Div.
TOYOTA MOTOR CORPORTATION
Nisshin Education & Training Center
5-210, SAKAE, NISSHIN, AICH, 470-0113
Japan

Deliver to:

Attn:

Tel:

住所：

宛先：

Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	8946733060	SENSOR, AIR FUEL RATIO	1	$ 34 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-62904-3085	TMS	QA-Powertrain	MDT/DS	62904	23794-2	11/7/2005

Dealer Name	Dealer City	State	Region
LEXUS OF ENGLEWOOD	ENGLEWOOD	NJ	LEA

Primary Model	Model Year	Production Date	Odometer	VIN
ES 330	2005	08-APR-05	6701 mi	JTHBA30G955[redacted]

Condition Title
Jerk Feeling When Accelerating

Repair Date	Optional Ref.	Applicable DTC Code(s)
11-NOV-2005		

Condition Description

When accelerating there is a jerk feeling when accelerating from a stop.

Diagnostic Steps:

Checked current ID numbers; up-to-date (33360200,53340100).

Probable Cause

Not known

Part # 1:	Part # 2:	Part # 3:	Parts Available on Request:	Parts Shipping Destination:
0000000000			No part available	CQEC

Repair Process

No repair done.

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-62904-3085	TMS	QA-Powertrain	MDT/DS	62904	23794-2	11/7/2005

Dealer Name	Dealer City	State	Region
LEXUS OF ENGLEWOOD	ENGLEWOOD	NJ	LEA

Primary Model	Model Year	Production Date	Odometer	VIN
ES 330	2005	08-APR-05	6701 mi	JTHBA30G955[redacted]

Condition Title: Jerk Feeling When Accelerating

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking

VIN [redacted]

Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	CQEC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel：

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	0000000000		0	$ 0 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-64530-0096	TMS	QA-Powertrain	MDT/DS	64530	29585-2	1/17/2006

Dealer Name	Dealer City	State	Region
CH BARKER'S LX/NWPRT NEWS	NEWPORT NEWS	VA	LEA

Primary Model	Model Year	Production Date	Odometer	VIN
RX 330	2005	20-OCT-04	15353 mi	2T2GA31U85C[redacted]

Condition Title
Jerking When Accelerating

Repair Date	Optional Ref.	Applicable DTC Code(s)
09-JAN-2006		

Condition Description

Customer states “still jerking when accelerating"

Diagnostic Steps:

Test drive. Transmission hunts for the proper gear at low speeds when on and off the accelerator.

Probable Cause

Part # 1:	Part # 2:	Part # 3:	Parts Available on Request:	Parts Shipping Destination:
8966148470			No part available	CQEC

Repair Process

No repairs were made. ECU Cals: 34872000 54826000

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-64530-0096	TMS	QA-Powertrain	MDT/DS	64530	29585-2	1/17/2006

Dealer Name	Dealer City	State	Region
CH BARKER'S LX/NWPRT NEWS	NEWPORT NEWS	VA	LEA

Primary Model	Model Year	Production Date	Odometer	VIN
RX 330	2005	20-OCT-04	15353 mi	2T2GA31U85C[redacted]

Condition Title
Jerking When Accelerating

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	CQEC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel：

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	8966148470	COMPUTER, ENGINE CONTROL	1	$ 213 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VEV101861	TMS	QA-Powertrain	FPE	TMS-NY	30995-1	1/18/2006

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	RAV4	2005	21-Oct-2005	64 mi	JTEHD20V150[redacted]

Condition Title

RAV4 vehicle surges during acceleration

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
18-JAN-2006		

Condition Description

Customer states car surges during acceleration.

Diagnostic Steps:

Technician verified the customer's complaint and took two snapshots during event. The manual trigger was set to 15 seconds (30 sec total). Trigger was hit as soon as surge started. There were no MILs in Pending or History. Mil was off.
Because tech had seen this issue before in previous models, and car has no EGR valve, tech disconnected AF sensor and road tested. Surge was gone. Tech replaced A/F sensor.

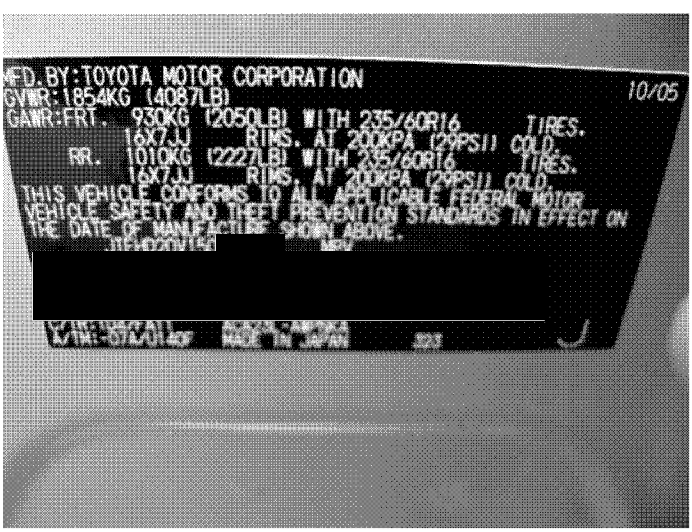
Probable Cause

Unknown

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
8946742040			Have part / will ship	CQEC

Repair Process

The technician replaced the AF sensor PN 89467-42040 to remedy the condition
Part was shipped UPS for quality evaluation purposes to TMS UPS tracking #
1Z 4X4 15X 06 2165 517 9



Vehicle info.

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VEV101861	TMS	QA-Powertrain	FPE	TMS-NY	30995-1	1/18/2006

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	RAV4	2005	21-Oct-2005	64 mi	JTEHD20V150[redacted]

Condition Title

RAV4 vehicle surges during acceleration

"JTEHD20V150[redacted]1-12-06.evn"	Techview file with RAM 7, monitor info and snapshots of event.
	Code on AF Sensor is '10G17'

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VEV101861	TMS	QA-Powertrain	FPE	TMS-NY	30995-1	1/18/2006

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	RAV4	2005	21-Oct-2005	64 mi	JTEHD20V150[redacted]

Condition Title
RAV4 vehicle surges during acceleration

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	CQEC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

	Part #	Part Description	Qty.	FOR CUSTOMS USE: Used Part Value
1	8946742040	SENSOR, AIR FUEL RATIO	1	$ 30 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-7LN109561	TMS	QA-Powertrain	FTS	TMS-KC	32485-1	4/6/2006

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Tacoma	2005	18-Aug-2005	3796 mi	5TETX22N05Z[redacted]

Condition Title

Fast idle hunt/surge after cold start

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
05-APR-2006		

Condition Description

Customer complaining of an intermittent hunting/surging fast idle after a cold start.

Diagnostic Steps:

- Technician has verified the customer's concern. Hard to duplicate unless the ambient temperature is just right and the technician believes that the condition is more prevalent in cooler ambient temperatures.
- The technician describes the condition as the engine acting like it is going into fuel cut because the idle is too high.
- After the engine acts like the fuel has been cut the RPM immediately rebounds back to a fast idle RPM.
- This idle RPM fluctuation may only occur once (as in the attached Techview file) or it may occur several times in succession.
- The technician replaced the Engine ECM at the recommendation of a TAS engineer (TA060860259) but to no avail.

Probable Cause

Unknown at this time.

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
N/A			No part available	N/A

Repair Process

No successful repairs have been made to this vehicle. Customer very upset with condition. Writer is waiting for revised ECM logic to address situation.

Taco cold start.zip

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-7LN109561	TMS	QA-Powertrain	FTS	TMS-KC	32485-1	4/6/2006

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Tacoma	2005	18-Aug-2005	3796 mi	5TETX22N05Z[redacted]

Condition Title

Fast idle hunt/surge after cold start

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-7LN109561	TMS	QA-Powertrain	FTS	TMS-KC	32485-1	4/6/2006

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Tacoma	2005	18-Aug-2005	3796 mi	5TETX22N05Z[redacted]

Condition Title
Fast idle hunt/surge after cold start

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	N/A	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	N/A		0	$ 0 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-58K110461	TMS	QA-Powertrain	FTS	TMS-SET	32715-1	4/18/2006

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2007	21-Mar-2006	291 mi	4T1BE46K97U[redacted]

Condition Title

Vehicle lunges forward

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
15-APR-2006		

Condition Description

Vehicle lunges forward when coming to a stop

Diagnostic Steps:

- Drove vehicle at 55mph, got vehicle to go into 5th gear, when slowing down and coming to stop, right at 5 mph the vehicle would lunge forward
- Drove vehicle in 4th gear, and when coming to a stop, once the vehicle reached 5mph, vehicle would lunge forward
- Drove vehicle in 3rd gear, and when coming to a stop, when the vehicle reached 5mph, vehicle would lunge forward
- Each of these test were complete with the A/C on and off, no change

Probable Cause

Unknown

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
0000000000			No part available	N/A

Repair Process

Replaced SLT solenoid. Test drove vehicle, no change. Order transaxle.
Transmission serial # CU008932

07 Camry 8932 (3).evn 07 Camry 8932(1).evn 07 Camry 8932(2).evn

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-58K110461	TMS	QA-Powertrain	FTS	TMS-SET	32715-1	4/18/2006

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2007	21-Mar-2006	291 mi	4T1BE46K97U[redacted]

Condition Title
Vehicle lunges forward

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	N/A	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	0000000000		0	$ 0 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-8FX211661	TMS	QA-Powertrain	FTS	TMS-LWA	29846-1	4/26/2006

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	GS 430	2006	12-Jan-2005	3064 mi	JTHBN96S265[redacted]

Condition Title

Accelerator Pedal

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
24-APR-2006		

Condition Description

During the slalom portion of New Model training session the driver reported that the throttle stuck open and he had to apply heavy brake pressure to slow the car.

Diagnostic Steps:

- Inspected the pedal assembly and the mounting point on the vehicle floor.
- During the inspection I was able to remove the pedal assembly from the lower mounting bracket.
- When removing a pedal assembly from a donor car I was not able to remove the pedal assembly from the lower mounting bracket.

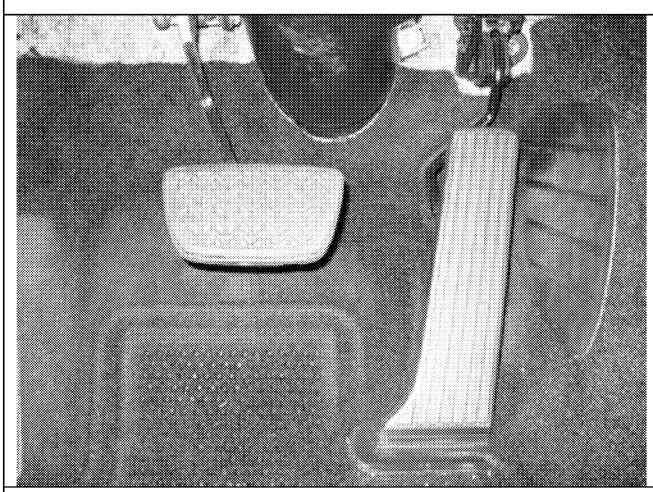
Probable Cause

Unknown. Possibly the pedal became separated from the lower mounting bracket and was jammed in the open position.

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
7811130130	7811430100		Have part / will ship	2440

Repair Process

Replaced pedal with a service part (78111-30130).



Accelerator Pedal

Accelerator pedal and bracket from donor JTHBN96S665[redacted]

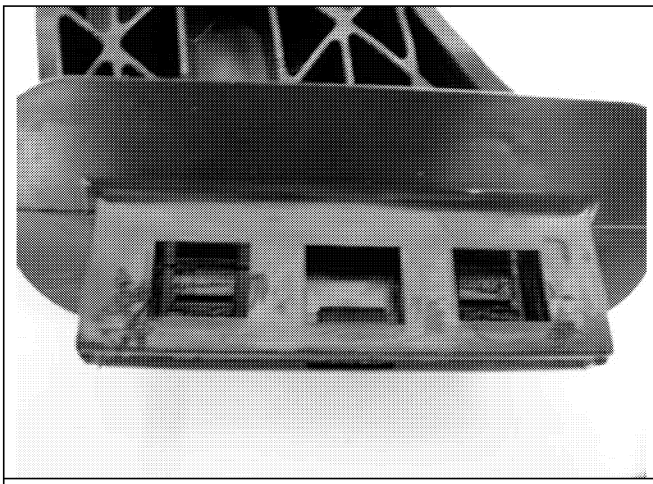
FIELD TECHNICAL REPORT

TOYOTA | LEXUS

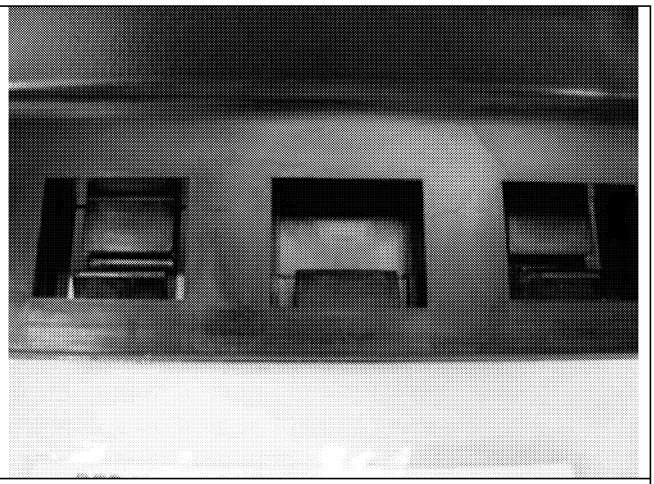
TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-8FX211661	TMS	QA-Powertrain	FTS	TMS-LWA	29846-1	4/26/2006

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	GS 430	2006	12-Jan-2005	3064 mi	JTHBN96S265[redacted]

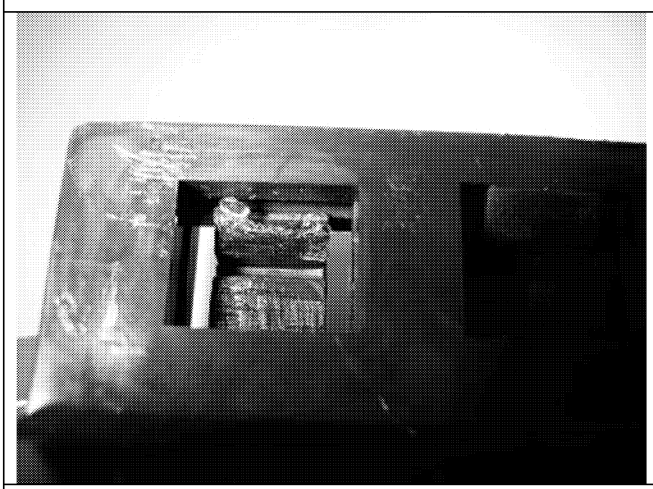
Condition Title
Accelerator Pedal



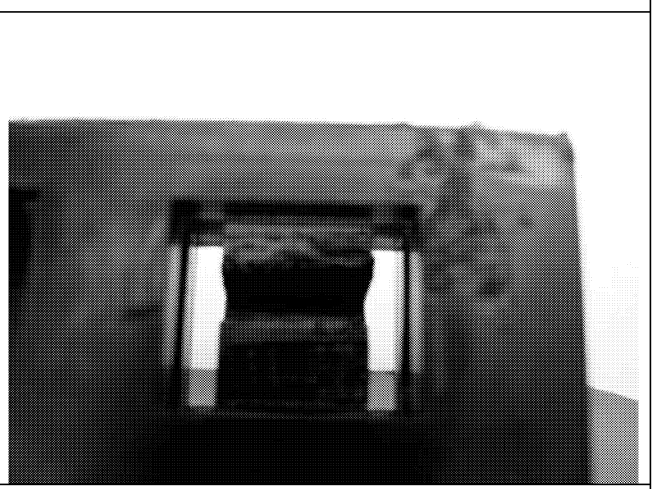
Attachment tabs - pedal from JTHBN96S265[redacted]



Attachment tabs – new service part



Detail of attachment tab - pedal from JTHBN96S265[redacted]



Detail of attachment tab - pedal from JTHBN96S265[redacted]

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-8FX211661	TMS	QA-Powertrain	FTS	TMS-LWA	29846-1	4/26/2006

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	GS 430	2006	12-Jan-2005	3064 mi	JTHBN96S265[redacted]

Condition Title
Accelerator Pedal

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination: 2440	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

	Part #	Part Description	Qty.	FOR CUSTOMS USE: Used Part Value
1	7811130130	PEDAL, ACCELERATOR	1	$ 2 .00
	Comments:			
2	7811430100	BRACKET, ACCELERATOR PEDAL SUPPORT	1	$ 1 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-60201-1266	TMS	QA-Powertrain	MDT/DS	60201	32941-1	5/15/2006

Dealer Name	Dealer City	State	Region
BELL LEXUS	PHOENIX	AZ	LWA

Primary Model	Model Year	Production Date	Odometer	VIN
LS 430	2006	30-MAR-06	53 mi	JTHBN36F265[redacted]

Condition Title
QA-Body: Trunk Compartment

Repair Date	Optional Ref.	Applicable DTC Code(s)
29-APR-2006		

Condition Description

CUSTOMER STATES THAT AFTER DRIVING VEHICLE 20 MILES ENGINE WILL SURGE AND STALL AT STOPS.

Diagnostic Steps:

NO MIL ON. FOUND RAW FUEL IN VACUUM LINE FROM INTAKE MANIFOLD TO CHARCOAL CANISTER.

Probable Cause

ORVR VALVE IN FUEL TANK FAILED AND CAUSED FUEL TO BE PUSHED INTO CANISTER.

Part # 1:	Part # 2:	Part # 3:	Parts Available on Request:	Parts Shipping Destination:
7700150120			Available upon request	CQEC

Repair Process

REPLACED FUEL TANK, CHARCOAL CANISTER, AND FITER FOR CANISTER.

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-60201-1266	TMS	QA-Powertrain	MDT/DS	60201	32941-1	5/15/2006

Dealer Name	Dealer City	State	Region
BELL LEXUS	PHOENIX	AZ	LWA

Primary Model	Model Year	Production Date	Odometer	VIN
LS 430	2006	30-MAR-06	53 mi	JTHBN36F265[redacted]

Condition Title
QA-Body: Trunk Compartment

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Doc No.

Final Destination:	CQEC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel：

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	7700150120	TANK SUB-ASSY, FUEL	1	$ 78 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-62908-1386	TMS	QA-Powertrain	MDT/DS	62908	30537-1	6/1/2006

Dealer Name	Dealer City	State	Region
WARNOCK LEXUS	LIVINGSTON	NJ	LEA

Primary Model	Model Year	Production Date	Odometer	VIN
ES 330	2006	22-NOV-05	4484 mi	JTHBA30GX65[redacted]

Condition Title
Harsh Shifts, Shudder During Light Acceleration

Repair Date	Optional Ref.	Applicable DTC Code(s)
17-MAY-2006		

Condition Description

Customer states vehicle is bucking at 20 mph

Diagnostic Steps:

Checked vehicle for trouble codes no codes found.
Test drove customer vehicle and felt a shudder intermittently at 20 mph during light acceleration and felt a harsh shift intermittently between 35-40mph also during light acceleration.
Test drove a similar car and felt similar shifting concern.

Probable Cause

Part # 1:	Part # 2:	Part # 3:	Parts Available on Request:	Parts Shipping Destination:
000000000000			No part available	CQEC

Repair Process

No repair available or attempted at this time.

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-62908-1386	TMS	QA-Powertrain	MDT/DS	62908	30537-1	6/1/2006

Dealer Name	Dealer City	State	Region
WARNOCK LEXUS	LIVINGSTON	NJ	LEA

Primary Model	Model Year	Production Date	Odometer	VIN
ES 330	2006	22-NOV-05	4484 mi	JTHBA30GX65[redacted]

Condition Title
Harsh Shifts, Shudder During Light Acceleration

Orig Tracking
VIN [redacted]
Doc No.

Attachment 1: **Parts Recovery Control Sheet**

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	CQEC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel：

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	000000000000		0	$ 0 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-9VK117461A	TCI	TCI	PE	TCI		6/27/2006

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2007	01-Mar-2006	3259 km	4T1BK46K07U[redacted]

Condition Title

Engine Surge during 3-4 upshift

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
22-JUN-2006		

Condition Description

Engine RPM surges during when the following conditions are met:
- Transmission is shifting from 3rd to 4th gear.
- Vehicle is traveling on a slight uphill road.
- Light throttle is applied.

Diagnostic Steps:

Vehicle had transmission replaced on June 9, 2006 due to internal failure. (Odometer reading was 910 at the time of repair.).
- "MIL" is not on.
- No pending codes in memory.
- New Transmission serial number is 2A06E108878.

Condition was duplicated and snapshot was taken.
Snapshot shows that engine revolution increases by 243 rpm for 1 second when transmission is shifting from 3rd to 4th gear and then drops by 550 rpm. (See photo below and compare with techview file)

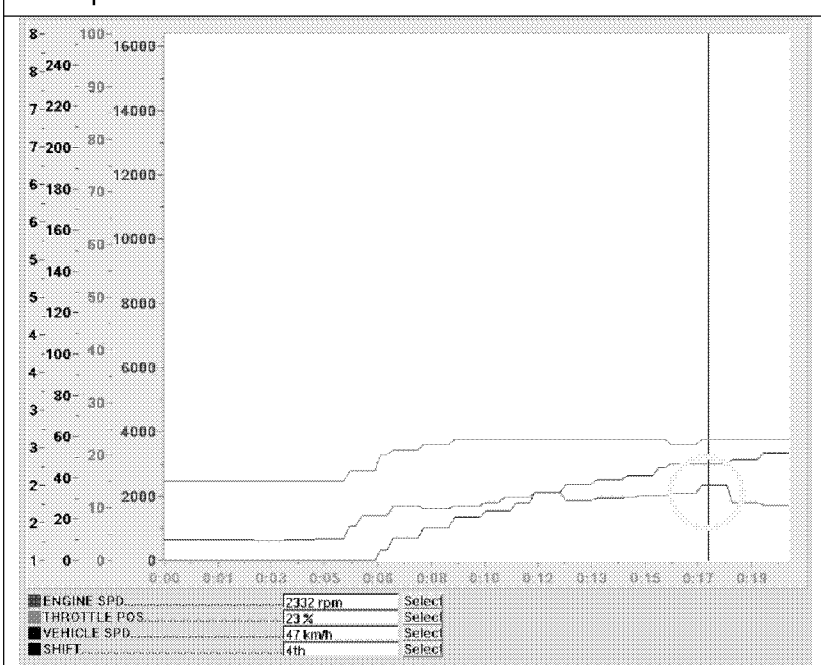
Probable Cause

Unknown.

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
3050033470			No part available	N/A

Repair Process

No repair done at this time.



Yellow enclosure shows when condition happened.

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-9VK117461A	TCI	TCI	PE	TCI		6/27/2006

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2007	01-Mar-2006	3259 km	4T1BK46K07U[redacted]

 C:\Documents and Settings\no	At 17.4 seconds, Transmission upshifts to 4th gear. Engine RPM goes from 2089 to 2332 (243 rpm increase.) At 18.4 seconds, Engine RPM drops from 2332 to 1782 rpm (550 rpm decrease) See Techview file for details.
 C:\Documents and Settings\no	See video of location where condition happened.

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-9VK117461A	TCI	TCI	PE	TCI		6/27/2006

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2007	01-Mar-2006	3259 km	4T1BK46K07U[redacted]

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking

VIN [redacted]

Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination: N/A	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel：

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

	Part #	Part Description	Qty.	FOR CUSTOMS USE: Used Part Value
1	3050033470	TRANSAXLE ASSY, AUTOMATIC	0	$ 565
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-60105-2516	TMS	QA-Powertrain	MDT/DS	60105	35170-1	9/15/2006

Dealer Name	Dealer City	State	Region
TOM WILLIAMS LEXUS	IRONDALE	AL	LSA

Primary Model	Model Year	Production Date	Odometer	VIN
LS 430	2005	15-DEC-04	16690 mi	JTHBN36FX55[redacted]

Condition Title

ATM(Electrical)ECM Harsh Shift on Acceleration

Repair Date	Optional Ref.	Applicable DTC Code(s)
08-SEP-2006		

Condition Description

Customer states there is a slight jerk in the vehicle when accelerating, does not shift throughout gears smoothly.

Diagnostic Steps:

Checked software calibration ID, most current is in vehicle's ECM.

Probable Cause

unknown

Part # 1:	Part # 2:	Part # 3:	Parts Available on Request:	Parts Shipping Destination:
3500050150			No part available	CQEC

Repair Process

Cleared learned values. Test drove vehicle to help with the ECM relearning.

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-60105-2516	TMS	QA-Powertrain	MDT/DS	60105	35170-1	9/15/2006

Dealer Name	Dealer City	State	Region
TOM WILLIAMS LEXUS	IRONDALE	AL	LSA

Primary Model	Model Year	Production Date	Odometer	VIN
LS 430	2005	15-DEC-04	16690 mi	JTHBN36FX55[redacted]

Condition Title
ATM(Electrical)ECM Harsh Shift on Acceleration

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	CQEC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel：

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	3500050150	TRANSMISSION ASSY	1	$ 954 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-PIF335461A	TMS	QA-Powertrain	PE	TMS	36701-1	12/22/2006

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	LS 460	2007	9/19/06	2994	JTHGL46F75[redacted]

Condition Title

ATM(Electrical)ECM Erratic Shift on Acceleration

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval

Condition Description

Customer complaint: Transmission hesitates and has a double bump when accelerating from a stop after sitting at a traffic light for more than a few second

Diagnostic Steps:

Technician test drove with customer and confirmed the following conditions are needed to duplicate the condition:
Vehicle is placed in "D" (Drive) and Park Hold Feature is turned "OFF", vehicle is stopped at the traffic light for greater than 45 seconds. Throttle application is made immediately to 50% and there is a hesitation and then bump as vehicle engages a gear

Probable Cause

Electronic transmission control related to shift from 1st to neutral after being stopped for greater than 45 seconds with brake applied

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
8953550010			No part available	CQEC

Repair Process

None available

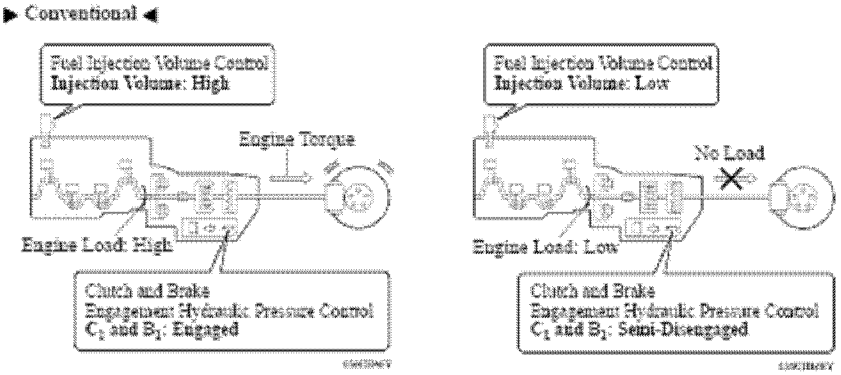
QAP Comment: Information in this report obtained from TAS hotline contact

CHASSIS - AA80E AUTOMATIC TRANSMISSION CH-39

11. Neutral Control

- Neutral control is used to disengage the transmission from the engine while the vehicle is stopped.
- When the shift lever is in the D position and the vehicle is stopped, the ECT ECU semi-disengages the C_1 clutch and the B_3 brake. This reduces the load on the engine and improves fuel economy while the vehicle is stopped. This control continues if the driver switches the shift lever to the S mode at this time. However, neutral control does not take effect if the vehicle comes to a stop in the S mode.

▶ Conventional ◀



2007 LS460 New Car Features Page CH-39

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-PIF335461A	TMS	QA-Powertrain	PE	TMS	36701-1	12/22/2006

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	LS 460	2007	9/19/06	2994	JTHGL46F75[redacted]

Condition Title
ATM(Electrical)ECM Erratic Shift on Acceleration

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	CQEC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

	Part #	Part Description	Qty.	Used Part Value (FOR CUSTOMS USE: Used Parts Value)
1	8953550010	COMPUTER, TRANSMISSION CONTROL	1	$ 126 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VRE601271	TMS	QA-Powertrain	FPE	TMS-LSA	37294-1	1/12/2007

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	IS 350	2006	14-Jul-2006	254 mi	JTHBE262X62[redacted]

Condition Title

Erratic throttle operation

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
10-JAN-2007	64230 0110071	

Condition Description

Customer states intermittently the vehicle is very sluggish and surges for the first 5 minutes of driving when started cold, and then the vehicle operates properly. This sluggish/surging occurs about 80% of the time driving until the vehicle reaches operating temperature.

When the condition occurs, if the accelerator pedal is completely depressed the engine speed will slowly climb to about 4000rpm and then drop to about 3000rpm. As long as the accelerator pedal is depressed the engine speed will surge up and down around these RPMs.

There is no Diagnostic Trouble Codes present, pending or in history.

Diagnostic Steps:

1. A video was taken of this condition as well as multiple snapshots. These files are attached below.
2. The condition felt like a low fuel pressure concern, so the techstream was used to monitor fuel pressure when the condition occurred. While pressure did decrease slightly the pressure loss is not seem to fit such an immediate drop in engine speed.
3. The techstream was then used to monitor throttle position. When engine speed and throttle position were overlapped in graph mode and zoomed in on, it revealed the throttle position was closing prior to the drop in engine speed (the accelerator position sensor read wide open throttle during this).
4. The throttle body motor resistance was checked - 2.5Ω (spec 0.3 - 100Ω). This measurement was also compared to another vehicle and found to be very similar.
5. The throttle body was swapped to a donor vehicle and then both vehicles were test driven cold. The condition moved to the donor vehicle.

Probable Cause

Internal throttle body concern.

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
2203031040			Have part / will ship	CQEC

Repair Process

Replacing the throttle body repaired the vehicle.

FIELD TECHNICAL REPORT

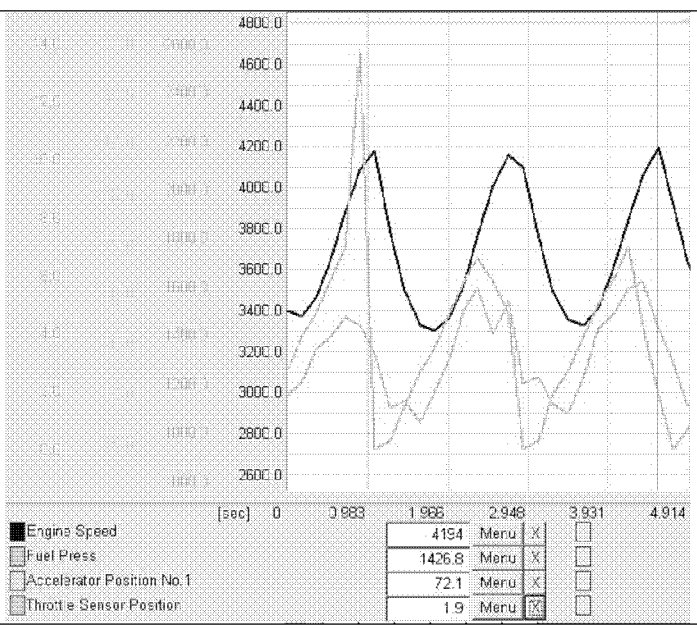
TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VRE601271	TMS	QA-Powertrain	FPE	TMS-LSA	37294-1	1/12/2007

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	IS 350	2006	14-Jul-2006	254 mi	JTHBE262X62[redacted]

Condition Title

Erratic throttle operation

IS350 Northside.zip	This is a video of the condition. The vehicle is in neutral with the accelerator petal completely depressed for the entire snapshot. (Note: the vehicle in the video is the donor vehicle after the throttle body was swapped to it for diagnostic testing)
2006_IS350_2GR-FSE_JTHBE262X62[redacted]_1-9-2007 111428 AM.zip	Attached is a Techstream file with multiple snapshots taken of the condition. Snapshots "DATA 2" through "DATA 12" are when the surging is occurring. "DATA 13 through DATA 16" are after the vehicle began operating normal again. Most analysis as done using "DATA 4" since the condition occurring so steadily throughout the entire snapshot.
	This is a screen capture out of the snapshot (Data 4). It shown the throttle position decreasing with the accelerator position holding steady (completely depressed). Shortly after the throttle position decreases engine speed follows. The fuel pressure graph appears to closely follow throttle position as well, although the pressure decrease was not believed to be significant enough to create this condition.

FIELD TECHNICAL REPORT

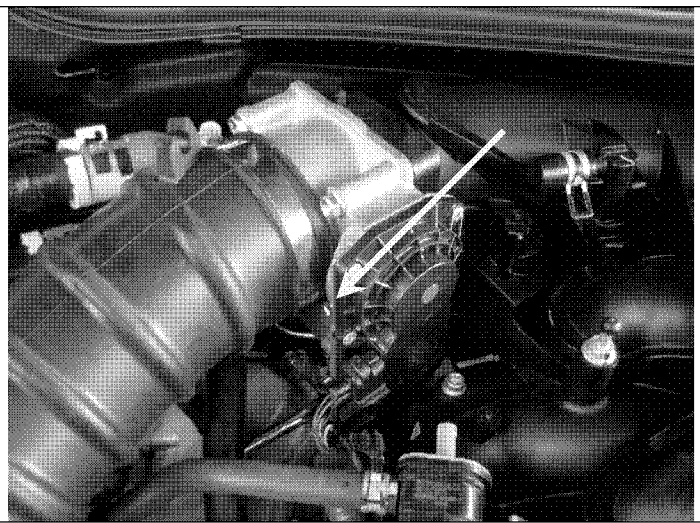
TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VRE601271	TMS	QA-Powertrain	FPE	TMS-LSA	37294-1	1/12/2007

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	IS 350	2006	14-Jul-2006	254 mi	JTHBE262X62[redacted]

Condition Title

Erratic throttle operation

	Throttle body concern
	**22030-31040** **6G04** **02393** **6H27**

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-VRE601271	TMS	QA-Powertrain	FPE	TMS-LSA	37294-1	1/12/2007

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	IS 350	2006	14-Jul-2006	254 mi	JTHBE262X62[redacted]

Condition Title
Erratic throttle operation

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	CQEC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	2203031040	BODY ASSY, THROTTLE W/MOTOR	1	$ 105 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-78K110171	TMS	QA-Powertrain	FTS	TMS-NY	39199-1	4/17/2007

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2006	26-Sep-2005	19777 mi	4T1BE32K66U[redacted]

Condition Title

A/F Sensor- Surge during light Acceleration

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
11-APR-2007		

Condition Description

Customer states vehicle surges on light to moderate acceleration.

Diagnostic Steps:

Technician verified the customer's complaint.

- Technician used tech stream and found A/F sensor reading 4.99 Volts during surge.
- Technician disconnected A/F sensor and test drove vehicle. Concern was resolved.
- Technician stated A/F sensor appears to be cracked.

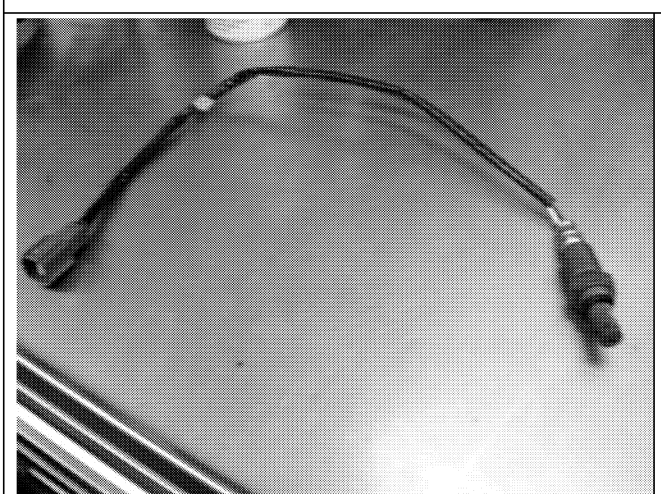
Probable Cause

Unknown

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
8946706030			Have part / will ship	CQEC

Repair Process

- Technician replaced A/F sensor and test drove concern was resolved.



A/F Sensor P/N 89467-06030

Picture attempts to show the following data:
Toyota 89467-06030
Denso 0350 09G19

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-78K110171	TMS	QA-Powertrain	FTS	TMS-NY	39199-1	4/17/2007

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2006	26-Sep-2005	19777 mi	4T1BE32K66U[redacted]

Condition Title
A/F Sensor- Surge during light Acceleration

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	CQEC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	8946706030	SENSOR, AIR FUEL RATIO	1	$ 31 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-5O1115271	TMS	QA-Powertrain	FTS	TMS-PT	40151-1	6/4/2007

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Tundra	2007	06-Feb-2007	2791 mi	5TBBV58167S[redacted]

Condition Title

Driveline Rear Driveshaft Thunk when accelerating from a stop

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
12-MAY-2007		

Condition Description

- The owner complains of a bump in the drivetrain when accelerating from a stop.
- The bump occurs just as the vehicle begins to move.

Diagnostic Steps:

- Operated the vehicle and verified the condition.
- The vehicle had to be stopped aggressively from speeds of about 35mph or higher.
- The condition did not occur with slow gentle stops.
- The sensation is similar to the driveline bump that was present in the '00-'06 MY Tundra.
- This bump is different because it occurs as the vehicle starts to move rather than when the engine idle drops as the A/C compressor cycles off.

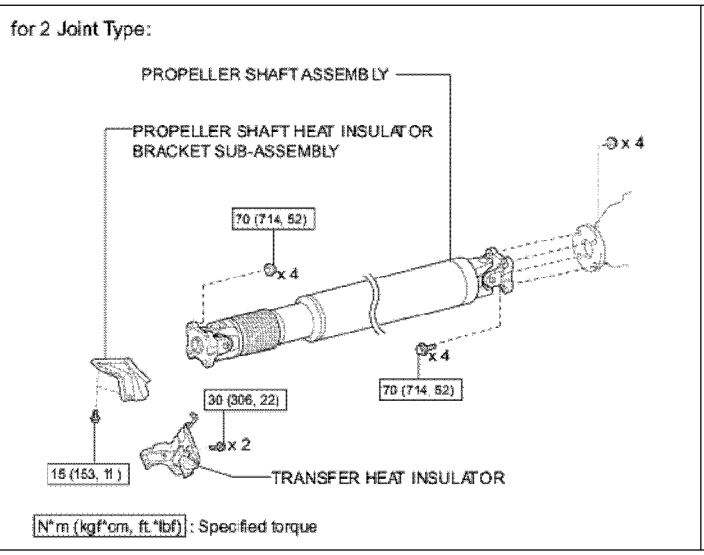
Probable Cause

Unknown

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
371000C150			Have part / will ship	CQEC

Repair Process

The rear propeller shaft assembly was replaced with one from another comparable vehicle and the condition was corrected. A new replacement part was subsequently installed in the donor vehicle. The VIN from the donor vehicle was: 5TFBV581X7X[redacted]



Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-5O1115271	TMS	QA-Powertrain	FTS	TMS-PT	40151-1	6/4/2007

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Tundra	2007	06-Feb-2007	2791 mi	5TBBV58167S[redacted]

Condition Title
Driveline Rear Driveshaft Thunk when accelerating from a stop

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	CQEC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	371000C150	SHAFT ASSY, PROPELLER W/CTR BEARING	1	$ 224 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-62930-1427	TMS	QA-Powertrain	MDT/DS	62930	36918-1	6/7/2007

Dealer Name	Dealer City	State	Region
RAY CATENA LEXUS/FREEHOLD	FREEHOLD	NJ	LEA

Primary Model	Model Year	Production Date	Odometer	VIN
ES 350	2007	28-JUN-06	10357 mi	JTHBJ46G772[redacted]

Condition Title
U660E: Shift Flare on Reacceleration

Repair Date	Optional Ref.	Applicable DTC Code(s)
22-MAY-2007		

Condition Description

- Quoting the repair order, Customer states when driving from 35-40 MPH and accelerate lightly, vehicle takes off as if it was floored

Diagnostic Steps:

- Test drive to duplicate 2/3 and or 4/5 shift issue.
- Was able to duplicate 5/4 downshift as in TSB TC005-07.
- After performing TSB there was a noticeable difference in shifting.

Probable Cause

- ECT software

Part # 1:	Part # 2:	Part # 3:	Parts Available on Request:	Parts Shipping Destination:
8953033041			No part available	CQEC

Repair Process

- Perform TSB TC005-07
- This report created to provide feedback regarding TSIB TC005-07

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-62930-1427	TMS	QA-Powertrain	MDT/DS	62930	36918-1	6/7/2007

Dealer Name	Dealer City	State	Region
RAY CATENA LEXUS/FREEHOLD	FREEHOLD	NJ	LEA

Primary Model	Model Year	Production Date	Odometer	VIN
ES 350	2007	28-JUN-06	10357 mi	JTHBJ46G772[redacted]

Condition Title
U660E: Shift Flare on Reacceleration

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	CQEC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	8953033041	COMPUTER ASSY, TRANSMISSION CONTROL	1	$ 88 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-JZU225471	TMS	QA-Chassis	FTS	TMS-CAT	41024-1	9/12/2007

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Highlander	2008	13-Jun-2007	3300 mi	JTEES42A482[redacted]

Condition Title

MIL Light "ON" Code C1430 - Brake Pedal Load Sensing Switch OFF Malfunction

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
11-SEP-2008		

Condition Description

- VSC, ABS, Brake warning lights illuminate immediately after hard brake pedal application, (panic stop maneuver.)
- DTC C1430: Brake Pedal Load Sensing Switch OFF Stuck Malfunction
- DTC C1431: Brake Pedal Load Sensing Switch ON Stuck Malfunction
- Depressing the brake pedal less than a few mm will cause the Brake Assist system to activate and the vehicle to lurch to a stop with little pedal travel, making the vehicle un-driveable.
- Brake malfunction message displayed
- ABS malfunction message displayed
- VSC system malfunction

Diagnostic Steps:

- Visually inspect brake pedal load sensing switch, switch plunger doesn't align with actuator bracket. Please see photos.
- Switch plunger jammed against actuator bracket.
- Bracket appears to be bending or shifting with extreme braking maneuvers.

Probable Cause

Unknown at this time

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
4710648060			Special request only	2750

Repair Process

- Reposition bracket back into place, code immediately changes to stored.
- ABS and VSC lights turn off.
- After repositioning bracket and performing another panic stop maneuver, bracket moves out of position again.
- If repeating another panic stop maneuver, the code immediately reset

FIELD TECHNICAL REPORT

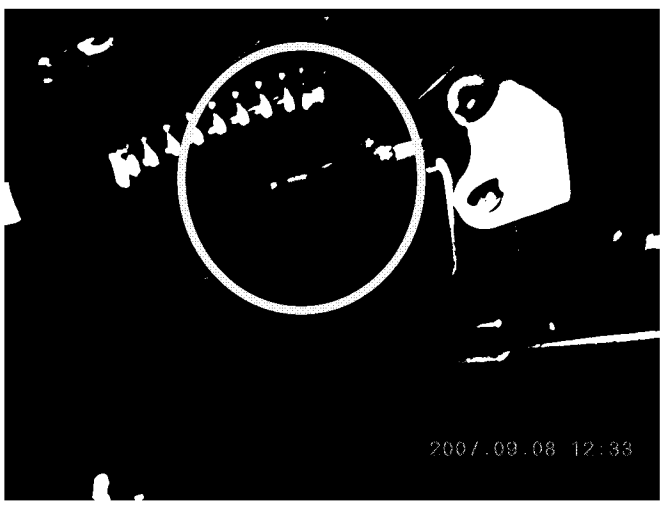
TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-JZU225471	TMS	QA-Chassis	FTS	TMS-CAT	41024-1	9/12/2007

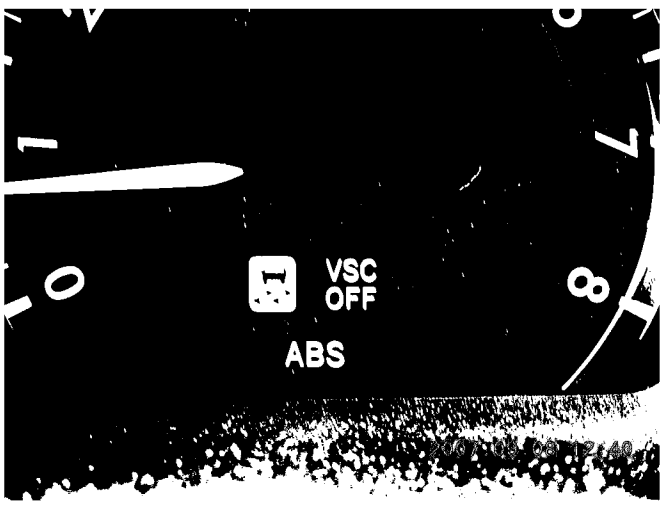
Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Highlander	2008	13-Jun-2007	3300 mi	JTEES42A482[redacted]

Condition Title

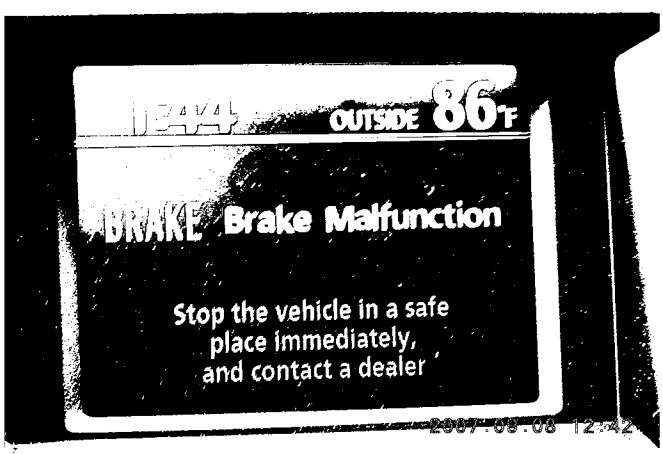
MIL Light "ON" Code C1430 - Brake Pedal Load Sensing Switch OFF Malfunction



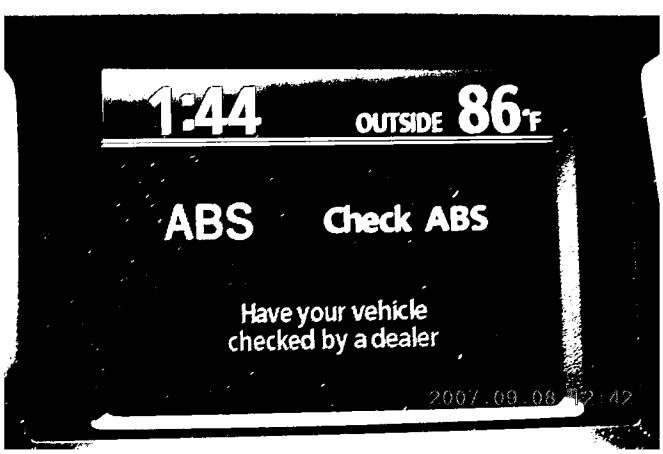
Pedal force switch actuator out of alignment



Warning message



Warning message



Warning message

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-JZU225471	TMS	QA-Chassis	FTS	TMS-CAT	41024-1	9/12/2007

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Highlander	2008	13-Jun-2007	3300 mi	JTEES42A482[redacted]

Condition Title

MIL Light "ON" Code C1430 - Brake Pedal Load Sensing Switch OFF Malfunction

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking

VIN [redacted]

Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination: 2750	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part # 1:	Part Description	Qty.	Used Part Value
1	4710648060		1	$ 0 .00
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-48028-2987	TMS	QA-Powertrain	MDT/DS	48028	32179-1	10/27/2007

Dealer Name	Dealer City	State	Region
KOLOSSO TOYOTA	APPLETON	WI	CHI

Primary Model	Model Year	Production Date	Odometer	VIN
Camry	2007	28-NOV-06	5674 mi	JTNBE46K773[redacted]

Condition Title
Shifting Concerns

Repair Date	Optional Ref.	Applicable DTC Code(s)
25-OCT-2007		

Condition Description

- Customer states the vehicle surges on a steady cruise, vehicle is aggressive while in cruise and going up an incline.
- Vehicle also has a harsh down shift into 1st gear before stop.
- The vehicle has all the latest cal updates.

Diagnostic Steps:

1. Perform health check for any updates
2. Check trans fluid level and monitor data while driving during test drive
3. Compared to like vehicle with same engine ECU calibration and vehicle behaved in the same manner.

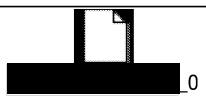
Probable Cause

- Unknown

Part # 1:	Part # 2:	Part # 3:	Parts Available on Request:	Parts Shipping Destination:
000000000000			No part available	CQEC

Repair Process

- Technician advised customer that vehicle is operating as designed at this time.


[redacted]_0
750681.zip

Health Check Information

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-48028-2987	TMS	QA-Powertrain	MDT/DS	48028	32179-1	10/27/2007

Dealer Name	Dealer City	State	Region
KOLOSSO TOYOTA	APPLETON	WI	CHI

Primary Model	Model Year	Production Date	Odometer	VIN
Camry	2007	28-NOV-06	5674 mi	JTNBE46K773[redacted]

Condition Title: Shifting Concerns

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking

VIN [redacted]

Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	CQEC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel：

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	000000000000		1	$ 0 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-39052-2717	TMS	QA-Powertrain	MDT/DS	39052	43491-1	10/30/2007

Dealer Name	Dealer City	State	Region
JIM HUDSON TOYOTA	IRMO	SC	SET

Primary Model	Model Year	Production Date	Odometer	VIN
Tundra	2007	30-MAY-07	4120 mi	5TFRT54147X[redacted]

Condition Title
Electronic Controls ECM Surge

Repair Date	Optional Ref.	Applicable DTC Code(s)
22-SEP-2007		

Condition Description

Customer states that when sitting in drive stopped that vehicle rpm's will surge up to 1,100.

Diagnostic Steps:

Tested engine controls found no codes or any abnormal readings

Probable Cause

Part # 1:	Part # 2:	Part # 3:	Parts Available on Request:	Parts Shipping Destination:
896610C800			No part available	CQEC

Repair Process

none at this time -

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
PR-39052-2717	TMS	QA-Powertrain	MDT/DS	39052	43491-1	10/30/2007

Dealer Name	Dealer City	State	Region
JIM HUDSON TOYOTA	IRMO	SC	SET

Primary Model	Model Year	Production Date	Odometer	VIN
Tundra	2007	30-MAY-07	4120 mi	5TFRT54147X[redacted]

Condition Title
Electronic Controls ECM Surge

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	CQEC	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
North America EDER Gr., Technical Dept. #1 Overseas Customer Service Technical Div. TOYOTA MOTOR CORPORTATION Nisshin Education & Training Center 5-210, SAKAE, NISSHIN, AICH, 470-0113 Japan	Attn: Tel:	宛先： Tel：

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	896610C800	COMPUTER, ENGINE CONTROL	1	$ 132 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-7ZK131071	TMS	QA-Powertrain	FTS	TMS-NY	33236-3	11/6/2007

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2007	12-Jul-2007	1435 mi	4T1BE46K97U[redacted]

Condition Title

Post C/M Hesitation on Acceleration from a Stop and at 35-50MPH

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
01-NOV-2007		

Condition Description

- Customer states vehicle does not accelerate when gas pedal is depressed. TSB has already been completed on Oct.3, 2007.
- When traveling 30-40 MPH in the City and attempting to keep up with traffic vehicle will not accelerate when accelerator is depressed up to a ¼ of the way down.
- When traveling a low speeds and attempting to accelerate vehicle will not accelerate when accelerator is depressed up to a ¼ of the way down.
- When continuing to depress throttle pedal past 1/4 of the way vehicle will downshift abruptly and accelerate much faster then expected.
- Customer is afraid to drive vehicle.

Diagnostic Steps:

- FTS inspected and found vehicle had most current calibration file from bulletin EG036-07 previously installed.
- FTS test drove vehicle and noted vehicle operates consistently with other Camry's that the technician has updated with bulleting EG036-07.
- FTS recorded snapshot using tech stream of acceleration events for review.

Probable Cause

- Unknown

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
N/A			No part available	N/A

Repair Process

- No repairs attempted, vehicle has most current ECU calibration

~6599121.TSE

Techstream Snapshot at 45MPH Accelerating To Keep Up With Traffic

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
FTR-7ZK131071	TMS	QA-Powertrain	FTS	TMS-NY	33236-3	11/6/2007

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2007	12-Jul-2007	1435 mi	4T1BE46K97U[redacted]

Condition Title

Post C/M Hesitation on Acceleration from a Stop and at 35-50MPH

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking

VIN [redacted]

Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	N/A	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value
1	N/A		1	$ 0 .00
	Comments:			
2			0	$ 0 .00
	Comments:			
3			0	$ 0 .00
	Comments:			
4				$ .00
	Comments:			
5				$ .00
	Comments:			
6				$ .00
	Comments:			
7				$ .00
	Comments:			
8				$ .00
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
TQCN_DPR-080860012	TMS	QAPowertrain	MDT/DS	63105	80883282	03/28/2008

Dealer Name	Dealer City	State	Region
RALLYE LEXUS	GLEN COVE	NY	EAS

Primary Model	Model Year	Production Date	Odometer	VIN
ES350	2008	10-SEP-07	4989 mi	JTHBJ46G882[redacted]

Condition Title

U660E: Harsh Downshift when Accelerating from 40 MPH

Repair Date	Optional Ref.	Applicable DTC Code(s)
3/25/2008		

Condition Description

- Customer states at around 40 MPH when reaccelerating the vehicle jerks

Diagnostic Steps:

- Road tested vehicle and confirmed condition, checked fluid level, for dtc's and shift program updates

Probable Cause

- The car is performing the same as other like vehicles. It is the "pause" while the ECM decided what gear to downshift to.

Part # 1:	Part # 2:	Part # 3:	Parts Available on Request:	Parts Shipping Destination:
000000000000			No part available	CQE

Repair Process

- None, vehicle is operating as designed.

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
TQCN_DPR-080860012	TMS	QAPowertrain	MDT/DS	63105	80883282	03/28/2008

Dealer Name	Dealer City	State	Region
RALLYE LEXUS	GLEN COVE	NY	EAS

Primary Model	Model Year	Production Date	Odometer	VIN
ES350	2008	10-SEP-07	4989 mi	JTHBJ46G882[redacted]

Condition Title

U660E: Harsh Downshift when Accelerating from 40 MPH

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking

VIN [redacted]

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Doc No.

Final Destination:	CQE	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value Each

	Part #	Part Description	Qty.	Used Part Value Each
1	000000000000	TEST PART	0	$ 0
	Comments:			
2	Part # 2:	Part Description	Qty.	Used Part Value Each $
	Comments:			
3	Part # 3:	Part Description	Qty.	Used Part Value Each $
	Comments:			
4	Part # 4:	Part Description	Qty.	Used Part Value Each $
	Comments:			
5	Part # 5:	Part Description	Qty.	Used Part Value Each $
	Comments:			
6	Part # 6:	Part Description	Qty.	Used Part Value Each $
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
TQCN_FTR-080910035	TMS	QAPowertrain	FTS	REG-POR	80270115	04/04/2008

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2005	2005-06-17	38,515	JTDBE32K453[redacted]

Condition Title

2AZ-FE: Vehicle Surges on Acceleration

Do not type in YELLOW shaded fields - Input data from Web page or RDM:

Repair Date	Optional Ref.	Optional Approval
3/3/2008		

Condition Description

- Customer states that there is a surge on moderate to heavy acceleration between 30-50 mph.

Diagnostic Steps:

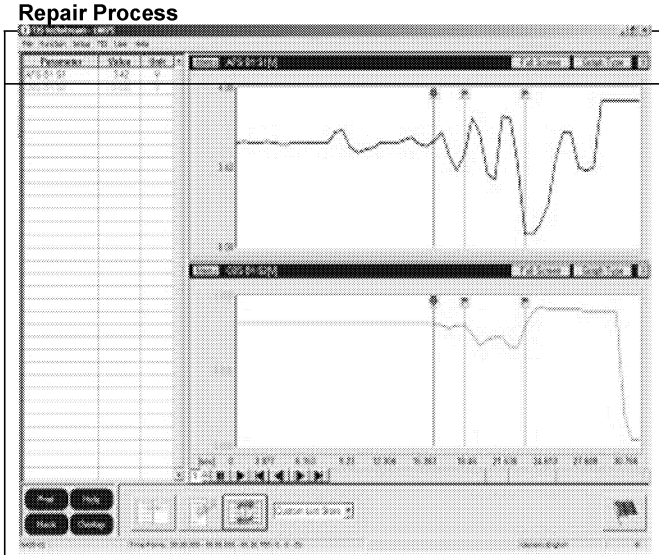
- Verified customer's complaint during road test.
- Performed health check and no codes were present.
- While driving the vehicle at the time of the concern data list showed no miss fires.
- Readings were within repair manual specifications for the following data parameters:
  - MAF
  - RPM
  - VVT-i
  - Ignition Timing
  - Knock
  - ECT
  - Fuel Trims
  - TP
  - APP
- Found that A/F sensor voltage appeared to be erratic when all other monitors were linear.
- After disconnecting the A/F sensor and driving the vehicle the concern was no longer present.

Probable Cause

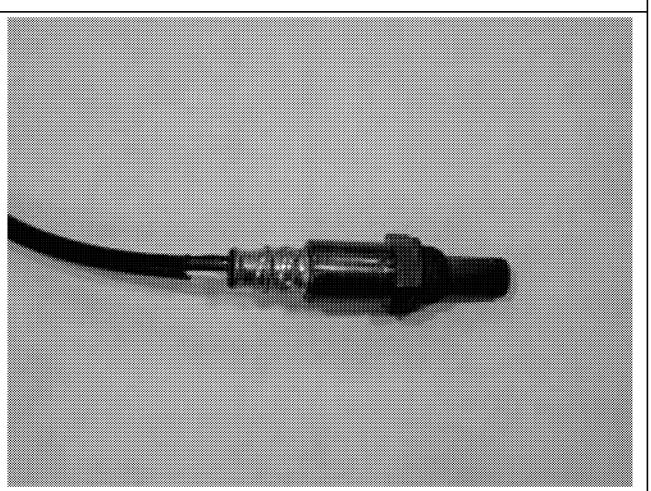
- Unknown

Part # 1:	Part # 2:	Part # 3:	Parts Disposition:	Parts Shipping Destination:
8946733080			Special request only	CQE

Repair Process



A/F Sensor voltage compared to downstream O2 sensor voltage at the time of the surge



A/F Sensor 89467-33080

Attachment 1: PRCS

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Location	Ref	Date
TQCN_FTR-080910035	TMS	QAPowertrain	FTS	REG-POR	80270115	04/04/2008

Problem Area	Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Base Vehicle	Camry	2005	2005-06-17	38,515	JTDBE32K453[redacted]

Condition Title
2AZ-FE: Vehicle Surges on Acceleration

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	CQE	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value

	Part #	Part Description	Qty.	Used Part Value Each
1	8946733080	SENSOR, AIR FUEL RATIO	1	$ 31.08
	Comments:			
2				$
	Comments:			
3				$
	Comments:			
4				$
	Comments:			
5				$
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
TQCN_DPR-080890008	TMS	QAPowertrain	MDT/DS	64107	80953695	04/04/2008

Dealer Name	Dealer City	State	Region
LEXUS OF MEMPHIS	MEMPHIS	TN	SOU

Primary Model	Model Year	Production Date	Odometer	VIN
LS460	2007	02-AUG-07	6224 mi	JTHGL46F475[redacted]

Condition Title

Customer states vehicle lunge while braking

Repair Date	Optional Ref.	Applicable DTC Code(s)
3/25/2008		

Condition Description

Customer states that when applying the brake at 20-30 mph car will start to brake, then jerk and lunge forward about 5 feet before stopping. Happened 3 times but is intermittent.

Diagnostic Steps:

Drove vehicle to try and verify and duplicate the concern but could not get it to do how customer described.
Did feel a slight surge as car slowed down and transmission would downshift, as it did the engine rpm's would raise.

Probable Cause

Unknown

Part # 1:	Part # 2:	Part # 3:	Parts Available on Request:	Parts Shipping Destination:
4405050130	3500050160		No part available	CQE

Repair Process

Called and talked with FTS. We checked the transmission fluid level which was good, as well as brake operation. There was a plastic floor mat near accelerator pedal, do not know if this had anything to do with concern or not but fastened it out of the way anyway. Talked with customer, they will keep an eye on issue and let us know.

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
TQCN_DPR-080890008	TMS	QAPowertrain	MDT/DS	64107	80953695	04/04/2008

Dealer Name	Dealer City	State	Region
LEXUS OF MEMPHIS	MEMPHIS	TN	SOU

Primary Model	Model Year	Production Date	Odometer	VIN
LS460	2007	02-AUG-07	6224 mi	JTHGL46F475[redacted]

Condition Title

Customer states vehicle lunge while braking

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking

VIN [redacted]

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Doc No.

Final Destination:	CQE	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value Each

	Part #	Part Description	Qty.	Used Part Value Each
1	4405050130	ACTUATOR ASSY, BRAKE W/FLUID	1	$ 276.33
	Comments:			
2	3500050160	TRANSMISSION ASSY	1	$ 1,186.23
	Comments:			
3				$
	Comments:			
4				$
	Comments:			
5				$
	Comments:			
6				$
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
TQCN_DPR-080990041	TMS	QAPowertrain	MDT/DS	62906	81054279	04/14/2008

Dealer Name	Dealer City	State	Region
LAWRENCE LEXUS	LAWRENCEVILLE	NJ	EAS

Primary Model	Model Year	Production Date	Odometer	VIN
ES350	2008	21-DEC-07	2555 mi	JTHBJ46G082[redacted]

Condition Title

U660E: Harsh Downshift on Reacceleration from 30 MPH

Repair Date	Optional Ref.	Applicable DTC Code(s)
4/8/2008		

Condition Description

- When going from 50 to 30 mph and then reaccelerating, transaxle jerks.

Diagnostic Steps:

- No codes stored.
- Inspected transaxle fluid level

Probable Cause

- Fluid level was between 1 to 1.5 quarts low.

Part # 1:	Part # 2:	Part # 3:	Parts Available on Request:	Parts Shipping Destination:
00289ATFWS			No part available	CQE

Repair Process

- Performed fluid procedure and reset ECT memory

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
TQCN_DPR-080990041	TMS	QAPowertrain	MDT/DS	62906	81054279	04/14/2008

Dealer Name	Dealer City	State	Region
LAWRENCE LEXUS	LAWRENCEVILLE	NJ	EAS

Primary Model	Model Year	Production Date	Odometer	VIN
ES350	2008	21-DEC-07	2555 mi	JTHBJ46G082[redacted]

Condition Title

U660E: Harsh Downshift on Reacceleration from 30 MPH

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking

VIN [redacted]

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Doc No.

Final Destination:	CQE	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value Each

	Part #	Part Description	Qty.	Used Part Value Each
1	00289ATFWS	WORLD STANDARD AUTOMATIC TRANSMISSION FL	2	$ 0.86
	Comments:			
2	Part # 2:	Part Description	Qty.	Used Part Value Each $
	Comments:			
3	Part # 3:	Part Description	Qty.	Used Part Value Each $
	Comments:			
4	Part # 4:	Part Description	Qty.	Used Part Value Each $
	Comments:			
5	Part # 5:	Part Description	Qty.	Used Part Value Each $
	Comments:			
6	Part # 6:	Part Description	Qty.	Used Part Value Each $
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
TQCN_DPR-082540019	TMS	QAPowertrain	MDT/DS	60404	80802620	09/16/2008

Dealer Name	Dealer City	State	Region
LEXUS CARLSBAD	CARLSBAD	CA	WES

Primary Model	Model Year	Production Date	Odometer	VIN
RX330	2005	27-MAY-05	44055 mi	JTJGA31U250[redacted]

Condition Title
Drivability Concerns

Repair Date	Optional Ref.	Applicable DTC Code(s)
8/19/2008		

Condition Description

- Customer states the vehicle jerks and hesitates upon hard acceleration.

Diagnostic Steps:

- Inspected engine control system with Techstream for any malfunctions and found none.
- Road tested and confirmed that vehicle operates as designed.
- Searched TSIB's for related concerns – found TSIB TC005-03

Probable Cause

- Customer driving style and transaxle programming logic.

Part # 1:	Part # 2:	Part # 3:	Parts Available on Request:	Parts Shipping Destination:
N/A			No part available	CQE

Repair Process

- Performed update per TSIB TC005-03.
- The vehicle was delivered to the customer and after they drove the vehicle they feel the repair done was not satisfactory.
- Advised customer that no other repair is available or necessary.
- Customer states they are very unhappy with this condition and states this is not something a Lexus should do.

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
TQCN_DPR-082540019	TMS	QAPowertrain	MDT/DS	60404	80802620	09/16/2008

Dealer Name	Dealer City	State	Region
LEXUS CARLSBAD	CARLSBAD	CA	WES

Primary Model	Model Year	Production Date	Odometer	VIN
RX330	2005	27-MAY-05	44055 mi	JTJGA31U250[redacted]

Condition Title: Drivability Concerns

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking

VIN [redacted]

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Doc No.

Final Destination:	CQE	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value Each

	Part #	Part Description	Qty.	Used Part Value Each
1	N/A	n/a	1	$ 0.00
	Comments:			
2				$
	Comments:			
3				$
	Comments:			
4				$
	Comments:			
5				$
	Comments:			
6				$
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
TQCN_DPR-082740007	TMS	QAPowertrain	MDT/DS	60105	80271890	10/23/2008

Dealer Name	Dealer City	State	Region
TOM WILLIAMS LEXUS	IRONDALE	AL	SOU

Primary Model	Model Year	Production Date	Odometer	VIN
RX350	2008	05-DEC-07	10029 mi	2T2GK31U18C[redacted]

Condition Title

Hesitation/Harsh Downshift Concern on Reacceleration from Low Vehicle Speed (U151E)

Repair Date	Optional Ref.	Applicable DTC Code(s)
9/30/2008		

Condition Description

- Customer states: "When slowing down to go through a yield sign and then reaccelerate, the vehicle hesitates, jerks and slams into gear."
- Vehicle speed on reacceleration is approximately 5-10 MPH.

Diagnostic Steps:

- Test drove to try to confirm customer concern.

Probable Cause

- Unknown.

Part # 1:	Part # 2:	Part # 3:	Parts Available on Request:	Parts Shipping Destination:
N/A			No part available	CQE

Repair Process

- Normal operation observed during test drive. (no duplication) Information only.

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
TQCN_DPR-082740007	TMS	QAPowertrain	MDT/DS	60105	80271890	10/23/2008

Dealer Name	Dealer City	State	Region
TOM WILLIAMS LEXUS	IRONDALE	AL	SOU

Primary Model	Model Year	Production Date	Odometer	VIN
RX350	2008	05-DEC-07	10029 mi	2T2GK31U18C[redacted]

Condition Title

Hesitation/Harsh Downshift Concern on Reacceleration from Low Vehicle Speed (U151E)

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking

VIN [redacted]

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Doc No.

Final Destination:	CQE	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value Each

	Part #	Part Description	Qty.	Used Part Value Each
1	N/A	n/a	1	$ 0.00
	Comments:			
2				$
	Comments:			
3				$
	Comments:			
4				$
	Comments:			
5				$
	Comments:			
6				$
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
TQCN_DPR-082960026	TMS	QAPowertrain	MDT/DS	63408	82976526	10/23/2008

Dealer Name	Dealer City	State	Region
METRO LEXUS	CLEVELAND	OH	CEN

Primary Model	Model Year	Production Date	Odometer	VIN
GS350	2008	30-OCT-07	6456 mi	JTHCE96S380[redacted]

Condition Title
Engine Surge

Repair Date	Optional Ref.	Applicable DTC Code(s)
10/22/2008		

Condition Description

Customer states the car will surge forward when stopped. It has happened 4 times to customer and once to his wife.

Diagnostic Steps:

Test drove vehicle and the condition did not present itself. Performed DTC check and no DTCs were present.

Probable Cause

Unknown.

Part # 1:	Part # 2:	Part # 3:	Parts Available on Request:	Parts Shipping Destination:
4711030440			No part available	CQE

Repair Process

No repairs performed.

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
TQCN_DPR-082960026	TMS	QAPowertrain	MDT/DS	63408	82976526	10/23/2008

Dealer Name	Dealer City	State	Region
METRO LEXUS	CLEVELAND	OH	CEN

Primary Model	Model Year	Production Date	Odometer	VIN
GS350	2008	30-OCT-07	6456 mi	JTHCE96S380[redacted]

Condition Title
Engine Surge

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking
VIN [redacted]
Doc No.

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination:	CQE	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value Each

	Part #	Part Description	Qty.	Used Part Value Each
1	4711030440	SUPPORT ASSY, BRAKE PEDAL	1	$ 23.72
	Comments:			
2	Part # 2:	Part Description	Qty.	Used Part Value Each $
	Comments:			
3	Part # 3:	Part Description	Qty.	Used Part Value Each $
	Comments:			
4	Part # 4:	Part Description	Qty.	Used Part Value Each $
	Comments:			
5	Part # 5:	Part Description	Qty.	Used Part Value Each $
	Comments:			
6	Part # 6:	Part Description	Qty.	Used Part Value Each $
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
TQCN_DPR-083040051	TMS	QAPowertrain	MDT/DS	61031	80661670	11/04/2008

Dealer Name	Dealer City	State	Region
NALLEY LEXUS - ROSWELL	ROSWELL	GA	SOU

Primary Model	Model Year	Production Date	Odometer	VIN
ES350	2008	15-OCT-07	8611 mi	JTHBJ46G382[redacted]

Condition Title

Harsh 3-2 Downshift on Reacceleration (U660E)

Repair Date	Optional Ref.	Applicable DTC Code(s)
10/30/2008		

Condition Description

- The customer states that the transmission jerks while driving in stop and go traffic.

Diagnostic Steps:

- Test drove to verify the condition.
- Test drove with Techstream and recorded a snapshot.
- The transaxle downshifts hard from third to second gear when using moderate throttle at about 16 MPH.
- It is also easier to duplicate with the transaxle temperature below about 100 degrees F.

Probable Cause

- Unknown

Part # 1:	Part # 2:	Part # 3:	Parts Available on Request:	Parts Shipping Destination:
N/A			No part available	CQE

Repair Process

- Compared the customer's car with another 2008 ES 350 with 10,583 miles.
- It felt the same as the customer's car under the same conditions.
- Transaxle serial number: 2A07K102239

zRDMObjectFile2.zip	zRDMObjectFile.zip
Customer vehicle	Comparison vehicle

Techstream Snapshot Attachments

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Source	Dealer Code	Ref	Date
TQCN_DPR-083040051	TMS	QAPowertrain	MDT/DS	61031	80661670	11/04/2008

Dealer Name	Dealer City	State	Region
NALLEY LEXUS - ROSWELL	ROSWELL	GA	SOU

Primary Model	Model Year	Production Date	Odometer	VIN
ES350	2008	15-OCT-07	8611 mi	JTHBJ46G382[redacted]

Condition Title

Harsh 3-2 Downshift on Reacceleration (U660E)

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking

VIN [redacted]

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Doc No.

Final Destination:	CQE	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer

FOR CUSTOMS USE: Used Parts Value Each

	Part #	Part Description	Qty.	Used Part Value Each
1	N/A	n/a	1	$ 0.00
	Comments:			
2				$
	Comments:			
3				$
	Comments:			
4				$
	Comments:			
5				$
	Comments:			
6				$
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Dealer Code	Ref	Date
TQCN_DPR-091140001	TMS	QAElectrical	60906	91184816	04/28/2009

Dealer Name	Dealer City	State	Region	Source
LEXUS OF ORLANDO	WINTER PARK	FL	SOU	TECH

Primary Model	Model Year	Production Date	Odometer	VIN
GS300	2006	07-APR-06	34626 mi	JTHCH96S360[redacted]

Part # 1:	Part # 2:	Part # 3:	Parts Destination:	Parts Available:	Repair Date
883203A310	884103A290		CQE	Available upon request	4/23/2009

Condition Title	Applicable DTC Code(s)
HVAC-Engine Idle Surge (A/C Compressor)	

Condition Description

Idle surges when vehicle stopped. Problem was duplicated

Diagnostic Steps:

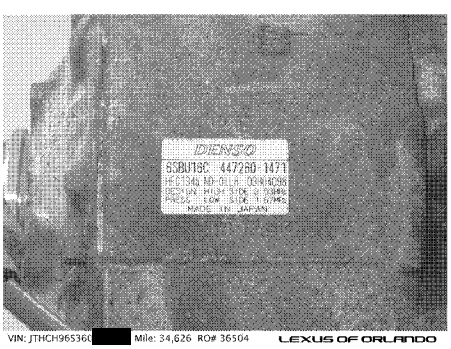
Verified idle surge at stop only with A/C on. Low side pressure fluctuating between 29 psi and 42 psi causing idle surge.

Probable Cause

Internal compressor failure.

Repair Process

Replaced A/C compressor and clutch



DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Condition Title	Date
TQCN_DPR-091140001	HVAC-Engine Idle Surge (A/C Compressor)	04/28/2009

Primary Model	Model Year	Production Date	Odometer	VIN
GS300	2006	07-APR-06	34626 mi	JTHCH96S360[redacted]

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking	
VIN	[redacted]
Doc No.	

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination: CQE	SETR#:		CQE Eng:		

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

					VALUE FOR CUSTOMS USE:
1	Part # 1: 883203A310	Part Description: COMPRESSOR ASSY	Qty.: 1	Used Part Value Each: $ 213.53	
	Comments:				
2	Part # 2: 884103A290	Part Description: CLUTCH ASSY, MAGNET	Qty.: 1	Used Part Value Each: $ 89.51	
	Comments:				
3	Part # 3:	Part Description:	Qty.:	Used Part Value Each: $	
	Comments:				

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Ref	Date
TQCN_FTR-091630034	TMS	QAHybrid	91677367	06/16/2009

Primary Model	Model Year	Production Date	Odometer	VIN	Repair Date
RX450H	2010	2009-03-25	451	JTJZB1BAXA2[redacted]	6/12/2009

Source	Location	Problem Area	Parts Destination	DTC
FTS	AREA-WESTERN	Base Vehicle	CQE	

Part # 1	Part # 1 Serial/Date Code	Part # 2	Part # 2 Serial/Date Code	Parts Available
0000000000				No Part(s) Available

Condition Title

Surging at Freeway Speeds

Condition Description

FTS noted the vehicle exhibits a non rhythmic surge under the following conditions:

- Driving vehicle at 65 to 75 mph on a smooth and flat road.
- Maintaining a constant speed as needed with steady throttle in put.
- The sensation is in frequency with the energy monitor as it changes from “engine drive” to “battery drive” to “battery charge”.
- The sensation is like a slow speed up and slow speed down as the computer changes between “engine, battery, and charge control”.
- The sensation is not present with cruise control set.
- Another description of the condition is like a slow rocking motion.

Diagnostic Steps

FTS has only driven this one vehicle. No other vehicles were available for comparison.

Probable Cause

Unknown.

Repair Process

No repairs performed.

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Condition Title	Date
TQCN_FTR-091630034	Surging at Freeway Speeds	06/16/2009

Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
RX450H	2010	2009-03-25	451	JTJZB1BAXA2[redacted]

Orig Tracking

VIN [redacted]

Doc No.

Attachment 1: **Parts Recovery Control Sheet**

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination: CQE	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer	FOR CUSTOMS USE: Used Parts Value

	Part # 1:	Part Description	Qty.	Used Part Value Each
1	0000000000		1	$ 0.00
	Serial No. / Date Code	Comments:		
2	Part # 2:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
3	Part # 3:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
4	Part # 4:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
5	Part # 5:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
6	Part # 6:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
7	Part # 7:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Dealer Code	Ref	Date
TQCN_DPR-092470009	**TMS**	QAPowertrain	**60105**	92521987	09/09/2009

Dealer Name	Dealer City	State	Region	Source
TOM WILLIAMS LEXUS	IRONDALE	AL	SOU	**TECH**

Primary Model	Model Year	Production Date	Odometer	VIN
LX470	2007	09-MAR-07	34925 mi	JTJHT00W374[redacted]

Part # 1:	Part # 2:	Part # 3:	Parts Destination:	Parts Available:	Repair Date
2322050160			CQE	Available upon request	9/4/2009

Condition Title	Applicable DTC Code(s)
Surge at 2200 RPMs - Fuel Pump	

Condition Description

- Customer states the engine surges, especially going up an incline
- The condition is most noticeable with engine RPM at approximately 2200 rpm

Diagnostic Steps:

- Inspected fuel pressure, observed gauge moving from 2.25 bar to 3.25 bars during surge
- Inspected fuel pump relay control voltage which was correct and constant
- Inspected fuel pump resistor resistance, correct at 1 ohm

Probable Cause

- Unknown

Repair Process

- Replaced fuel pump

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Condition Title	Date
TQCN_DPR-092470009	Surge at 2200 RPMs - Fuel Pump	09/09/2009

Primary Model	Model Year	Production Date	Odometer	VIN
LX470	2007	09-MAR-07	34925 mi	JTJHT00W374[redacted]

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking

VIN [redacted]

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Doc No.

Final Destination: CQE | SETR#: | CQE Eng:

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

	Part #	Part Description	Qty.	VALUE FOR CUSTOMS USE: Used Part Value Each
1	2322050160	PUMP ASSY, FUEL W/FILTER	1	$ 50.94
	Comments:			
2	Part # 2:	Part Description	Qty.	Used Part Value Each $
	Comments:			
3	Part # 3:	Part Description	Qty.	Used Part Value Each $
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Ref	Date
TQCN_FTR-092740012	TMS	QAChassis	92753577	10/02/2009

Primary Model	Model Year	Production Date	Odometer	VIN	Repair Date
Prius	2010	2009-06-29	1255	JTDKN3DU6A0[redacted]	9/29/2009

Source	Location	Problem Area	Parts Destination	DTC
FTS	REG-NY	Base Vehicle	CQE	

Part # 1	Part # 1 Serial/Date Code	Part # 2	Part # 2 Serial/Date Code	Parts Available
N/A				Part(s) Available

Condition Title

VSC Activates Prematurely When Going Over Bumps And Braking

Condition Description

Customer states that when driving 15-25 MPH and hitting a bump while braking the vehicle accelerates.

Diagnostic Steps

- FTS inspected customer's vehicle and duplicated condition.
- When driving at low speeds around 15-25 MPH and hitting a bump such as a manhole cover while braking the VSC turns "ON".
- When the VSC turns "ON" while braking it feels as though vehicle is accelerating, but in actuality the vehicle is just not slowing down at the same rate.
- Other like vehicles were compared to customer's vehicle and operated in the same manner.

Probable Cause

Unknown

Repair Process

No repairs made, customer was advised vehicle is operating as designed.

Note: Customer stated that he understands this is how the VSC system is designed to operate, but he feels it is too sensitive. Customer stated while driving in inclement weather he is aware of the road conditions and is prepared for ABS or VSC activation. Customer is not prepared for VSC activation to occur when going over bumps. He feels this not safe and when it occurs and not expected could possibly cause an unsafe condition to occur.

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Condition Title	Date
TQCN_FTR-092740012	VSC Activates Prematurely When Going Over Bumps And	10/02/2009

Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Prius	2010	2009-06-29	1255	JTDKN3DU6A0[redacted]

Orig Tracking

VIN [redacted]

Doc No.

Attachment 1: **Parts Recovery Control Sheet**

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination: CQE	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer	FOR CUSTOMS USE: Used Parts Value

	Part # 1:	Part Description	Qty.	Used Part Value Each
1	N/A	n/a	1	$ 0.00
	Serial No. / Date Code	Comments:		
2	Part # 2:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
3	Part # 3:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
4	Part # 4:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
5	Part # 5:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
6	Part # 6:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
7	Part # 7:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Ref	Date
TQCN_FTR-092730016	TMS	QAPowertrain	92733351	09/30/2009

Primary Model	Model Year	Production Date	Odometer	VIN	Repair Date
RX350	2010	2009-08-26	82	2T2ZK1BA1AC[redacted]	9/22/2009

Source	Location	Problem Area	Parts Destination	DTC
PE	TMS-PQSS	Base Vehicle	CQE	

Part # 1	Part # 1 Serial/Date Code	Part # 2	Part # 2 Serial/Date Code	Parts Available
305000T010	3A09H111140			Manual Part Return

Condition Title

Vehicle Jerks When Accelerating From a Stop (U660E)

Condition Description

Customer states the vehicle is jerking when accelerating from a stop.

Diagnostic Steps

1. Confirmed customer condition
2. Found the condition is not present in reverse or in “S” mode when left in 1st gear
3. Check trans fluid level and condition – OK
4. Reset memory using Techstream
5. Test drove and found the condition is still present
6. Replaced the ECM and test drove – condition is still present
7. Swapped the ECT and test drove – condition is still present

Probable Cause

Unknown

Repair Process

Replaced the transaxle assembly.

Note: Serial #: 3A09H111140

2010_RX350_2GR-FE_2T2ZK1BA1AC[redacted]

Snap shot of condition occurring.

Note: Flags are recorded immediately following the condition occurring.

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Condition Title	Date
TQCN_FTR-092730016	Vehicle Jerks When Accelerating From a Stop (U660E)	09/30/2009

Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
RX350	2010	2009-08-26	82	2T2ZK1BA1AC[redacted]

Orig Tracking

VIN [redacted]

Doc No.

Attachment 1: **Parts Recovery Control Sheet**

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination: CQE	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer	FOR CUSTOMS USE: Used Parts Value

	Part # 1:	Part Description	Qty.	Used Part Value Each
1	305000T010	TRANSAXLE ASSY, AUTOMATIC	1	$ 737.63
	Serial No. / Date Code	Comments:		
	3A09H111140			
2	Part # 2:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
3	Part # 3:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
4	Part # 4:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
5	Part # 5:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
6	Part # 6:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
7	Part # 7:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Ref	Date
TQCN_FTR-092950034	TMS	QAPowertrain	92160029	10/22/2009

Primary Model	Model Year	Production Date	Odometer	VIN	Repair Date
Corolla	2009	2008-09-11	10596	1NXBU40E99Z[redacted]	10/14/2009

Source	Location	Problem Area	Parts Destination	DTC
FTS	REG-SF	Base Vehicle	CQE	

Part # 1	Part # 1 Serial/Date Code	Part # 2	Part # 2 Serial/Date Code	Parts Available
7811007011				Part(s) Available

Condition Title

Engine Intermittent Erratic RPM

Condition Description

- Customer reports she was just driving. RPM shot up to 7000
- Vehicle jumped forward she had to slam brakes/pull parking brakes
- Vehicle kept going forward. Customer states this happened once. She turn off vehicle then she started car, high idle 9000

Diagnostic Steps

- Tech road tested vehicle and unable to verify customer concern
- Tech performed health check and no DTC's recorded in any system – contacted FTS
- FTS inspected vehicle and confirmed factory floormats correctly secured and no evidence of stacked mats
- No evidence of outside or foreign interference with pedal assembly
- Depressed pedal by hand and noted return to complete idle position but not as smooth as comparable vehicle

Probable Cause

- Unknown

Repair Process

- Replaced Accel Pedal and Sensor Assembly for recovery and further inspection

Floor Mat Location Upon Inspection

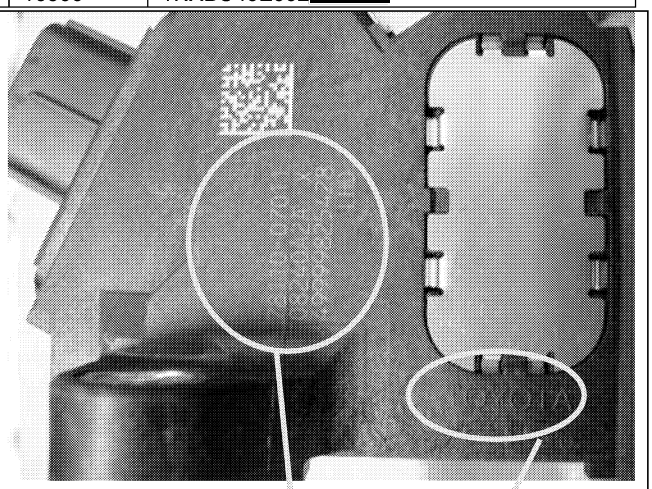
Inspection & Comparison Method

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Condition Title	Date
TQCN_FTR-092950034	Engine Intermittent Erratic RPM	10/22/2009

Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Corolla	2009	2008-09-11	10596	1NXBU40E99Z[redacted]



Sensor Assembly, Accel Pedal
PN 78110-07011

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Condition Title	Date
TQCN_FTR-092950034	Engine Intermittent Erratic RPM	10/22/2009

Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Corolla	2009	2008-09-11	10596	1NXBU40E99Z[redacted]

Orig Tracking

VIN [redacted]

Doc No.

Attachment 1: **Parts Recovery Control Sheet**

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination: CQE	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer	FOR CUSTOMS USE: Used Parts Value

	Part # 1:	Part Description	Qty.	Used Part Value Each
1	7811007011	SENSOR ASSY, ACCELERATOR PEDAL	1	$ 24.55
	Serial No. / Date Code	Comments:		

	Part # 2:	Part Description	Qty.	Used Part Value Each
2				$
	Serial No. / Date Code	Comments:		

	Part # 3:	Part Description	Qty.	Used Part Value Each
3				$
	Serial No. / Date Code	Comments:		

	Part # 4:	Part Description	Qty.	Used Part Value Each
4				$
	Serial No. / Date Code	Comments:		

	Part # 5:	Part Description	Qty.	Used Part Value Each
5				$
	Serial No. / Date Code	Comments:		

	Part # 6:	Part Description	Qty.	Used Part Value Each
6				$
	Serial No. / Date Code	Comments:		

	Part # 7:	Part Description	Qty.	Used Part Value Each
7				$
	Serial No. / Date Code	Comments:		

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Ref	Date
TQCN_FTR-093100014	TMS	QAPowertrain	93135912	11/09/2009

Primary Model	Model Year	Production Date	Odometer	VIN	Repair Date
Camry	2009	2008-09-29	11024	4T1BE46K49U[redacted]	11/2/2009

Source	Location	Problem Area	Parts Destination	DTC
FTS	REG-NY	Base Vehicle	5700	

Part # 1	Part # 1 Serial/Date Code	Part # 2	Part # 2 Serial/Date Code	Parts Available
111010H011				Part(s) Available

Condition Title

Engine surge at 1200 RPM (2AZ-FE)

Condition Description

- Customer States: Engine surging at 1200RPM.

Diagnostic Steps

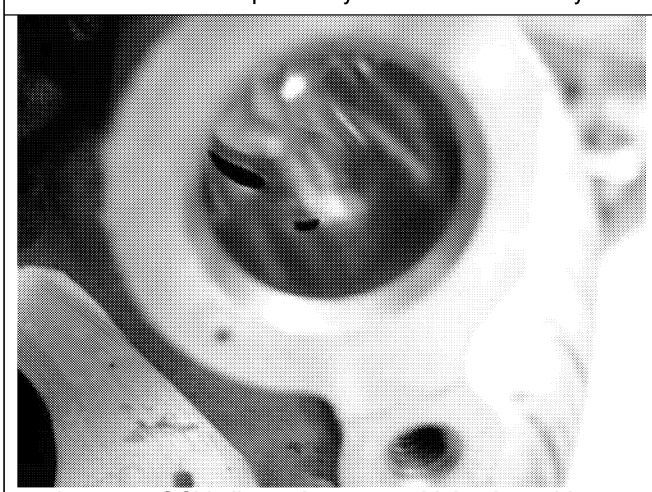
1. Technician inspected and confirmed customer's concern.
2. No VVT codes, but has pending misfire codes.
3. Noticed that the engine idle was high 750-790rpms.
4. Found condition goes away when OCV is unplugged.
5. Swapped OCV concern did not change.
6. Replaced A/F and O2 sensors, concern did not change.
7. Swapped ECM, fuel pump, MAF, throttle sensor, pedal sensor, cam sensor, crank sensor, coils, from a known good vehicle, concern did not change.
8. Using active test to add fuel, concern did not change.
9. Performed compression test all cylinders 165psi.
10. Performed running compression test, all cylinders 55psi.
11. Removed oil pan, found metal debris in pan.
12. Disassembled short block, no abnormal wear found.
13. Reassembled with new short block, adjusted four tight exhaust valves, Results: concern did not change, engine misfires, and high engine idle corrected.
14. **Disabled VVT system, which keeps cam controller locked under all engine running conditions, condition eliminated.**
15. Removed cylinder head to replace, found oil supply port in OCV passage not machined correctly.

Probable Cause

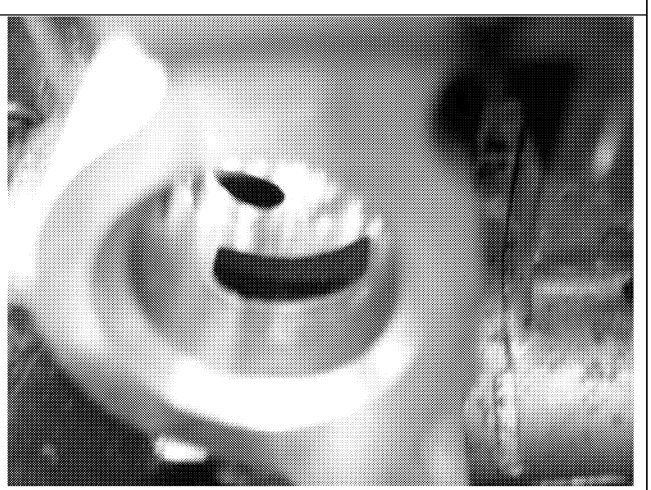
- Oil supply port in OCV passage not machined correctly

Repair Process

- Technician replaced cylinder head assembly.



Incorrect OCV oil supply port machining in problem cylinder head.



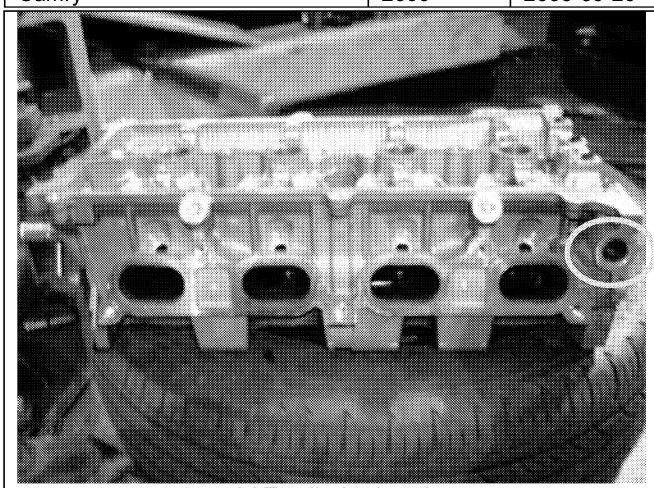
Replacement cylinder head with a considerable larger oil supply port

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Condition Title	Date
TQCN_FTR-093100014	Engine surge at 1200 RPM (2AZ-FE)	11/09/2009

Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Camry	2009	2008-09-29	11024	4T1BE46K49U[redacted]



2AZ cylinder head
OCV port

C:¥Documents and Settings¥morint¥Deskt

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Condition Title	Date
TQCN_FTR-093100014	Engine surge at 1200 RPM (2AZ-FE)	11/09/2009

Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Camry	2009	2008-09-29	11024	4T1BE46K49U[redacted]

Orig Tracking

VIN [redacted]

Doc No.

Attachment 1: **Parts Recovery Control Sheet**

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination: 5700	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer	FOR CUSTOMS USE: Used Parts Value

	Part # 1:	Part Description	Qty.	Used Part Value Each
1	111010H011	HEAD SUB-ASSY, CYLINDER	1	$ 173.64
	Serial No. / Date Code	Comments:		

	Part # 2:	Part Description	Qty.	Used Part Value Each
2				$
	Serial No. / Date Code	Comments:		

	Part # 3:	Part Description	Qty.	Used Part Value Each
3				$
	Serial No. / Date Code	Comments:		

	Part # 4:	Part Description	Qty.	Used Part Value Each
4				$
	Serial No. / Date Code	Comments:		

	Part # 5:	Part Description	Qty.	Used Part Value Each
5				$
	Serial No. / Date Code	Comments:		

	Part # 6:	Part Description	Qty.	Used Part Value Each
6				$
	Serial No. / Date Code	Comments:		

	Part # 7:	Part Description	Qty.	Used Part Value Each
7				$
	Serial No. / Date Code	Comments:		

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Ref	Date
TQCN_FTR-093200036	TMS	QAChassis	92753577	11/16/2009

Primary Model	Model Year	Production Date	Odometer	VIN	Repair Date
Prius	2010	2009-06-08	4489	JTDKN3DU4A0[redacted]	11/11/2009

Source	Location	Problem Area	Parts Destination	DTC
FTS	REG-NY	Base Vehicle	CQE	

Part # 1	Part # 1 Serial/Date Code	Part # 2	Part # 2 Serial/Date Code	Parts Available
N/A				No Part(s) Available

Condition Title

Inconsistent brake feel when Going Over Bumps And Braking

Condition Description

Customer states that when driving 15-25 MPH and hitting a bump while braking the vehicle accelerates.

Diagnostic Steps

- FTS inspected customer's vehicle and duplicated condition.
- When driving at low speeds around 15-25 MPH and hitting a bump such as a manhole cover while braking the VSC turns "ON".
- When the VSC turns "ON" while braking it feels as though vehicle is accelerating, but in actuality the vehicle is just not slowing down at the same rate.
- Other like vehicles were compared to customer's vehicle and operated in the same manner.

Probable Cause

Unknown

Repair Process

No repairs made, customer was advised vehicle is operating as designed.

Note: Customer stated that he understands this is how the VSC system is designed to operate, but he feels it is too sensitive. Customer stated while driving in inclement weather he is aware of the road conditions and is prepared for ABS or VSC activation. Customer is not prepared for VSC activation to occur when going over bumps. He feels this not safe and when it occurs and not expected could possibly cause an unsafe condition to occur.

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Condition Title	Date
TQCN_FTR-093200036	Inconsistent brake feel when Going Over Bumps And	11/16/2009

Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Prius	2010	2009-06-08	4489	JTDKN3DU4A0[redacted]

Orig Tracking

VIN [redacted]

Doc No.

Attachment 1: **Parts Recovery Control Sheet**

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination: CQE	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer	FOR CUSTOMS USE: Used Parts Value

	Part # 1:	Part Description	Qty.	Used Part Value Each
1	N/A	n/a	1	$ 0.00
	Serial No. / Date Code	Comments:		
2	Part # 2:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
3	Part # 3:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
4	Part # 4:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
5	Part # 5:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
6	Part # 6:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
7	Part # 7:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Dealer Code	Ref	Date
TQCN_DPR-093490050	TMS	QAPowertrain	64606	93507939	12/16/2009

Dealer Name	Dealer City	State	Region	Source
LEXUS OF SEATTLE, LLC	LYNNWOOD	WA	WES	TECH

Primary Model	Model Year	Production Date	Odometer	VIN
ES350	2008	26-MAY-08	13282 mi	JTHBJ46G982[redacted]

Part # 1:	Part # 2:	Part # 3:	Parts Destination:	Parts Available:	Repair Date
7811033020			CQE	No part available	11/27/2009

Condition Title	Applicable DTC Code(s)
Drivability concern with no floor mat installed	

Condition Description

- Guest reported vehicle would not slow down in traffic on 11/25/09.
- Guest applied "all force possible with my right foot to the brake pedal, and the car still did not slow down and seemed to be accelerating. Just before I would have struck the car in front of me, I then put the car in neutral, which caused the car to stop accelerating.
- Guest reported vehicle had been driven for approximately 5 minutes from cold start.
- Vehicle was in to the dealer for the floor mat concern on 11/14 and had the floor mat removed.
- Reported concern happened with no floor mat in vehicle.

Diagnostic Steps:

- Electronic system health check revealed no codes stored.
- Verified no floor mat was installed in vehicle at time of inspection.
- Test drove vehicle and verified operation.

Probable Cause

Unknown

Repair Process

No repairs performed.

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Condition Title	Date
TQCN_DPR-093490050	Drivability concern with no floor mat installed	12/16/2009

Primary Model	Model Year	Production Date	Odometer	VIN
ES350	2008	26-MAY-08	13282 mi	JTHBJ46G982[redacted]

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking	
VIN	[redacted]
Doc No.	

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination: CQE	SETR#:		CQE Eng:		

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

					VALUE FOR CUSTOMS USE:
1	Part # 1: 7811033020	Part Description: SENSOR ASSY, ACCELERATOR PEDAL		Qty.: 1	Used Part Value Each: $ 26
	Comments:				
2	Part # 2:	Part Description:		Qty.:	Used Part Value Each: $
	Comments:				
3	Part # 3:	Part Description:		Qty.:	Used Part Value Each: $
	Comments:				

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Dealer Code	Ref	Date
TQCN_DPR-100270042	TMS	QAPowertrain	04344		

Dealer Name	Dealer City	State	Region	Source
VENTURA TOYOTA	VENTURA	CA	LOS	TECH

Primary Model	Model Year	Production Date	Odometer	VIN
Corolla	2010	18-AUG-09	5545 mi	1NXBU4EE5AZ[redacted]

Part # 1:	Part # 2:	Part # 3:	Parts Destination:	Parts Available:	Repair Date
000000000000			CQE	No part available	1/25/2010

Condition Title	Applicable DTC Code(s)
Gas Pedal/Throttle	U100

Condition Description

CUSTOMER STATES VEHICLE FEELS LIKE IT ACCELERATES ON ITS OWN MOST NOTICEABLE ON SLOW SPEEDS

Diagnostic Steps:

What inspections or diagnostic steps did you perform? Inspect driver side floor mat,health check and diagnostic report, testdrive vehicle with techstream and record data, check for SSC. Inspect accel. pedal for mechanical failure, inspect accel, pedal with techstream per R.M. Inspect trottle body for sticking, inspect idle speed operation with Techstream.

Probable Cause

Unable to duplicate concern, CTS pedal present.

Repair Process

No repair done on this vehicle, contact DSPM/FTS

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Condition Title	Date
TQCN_DPR-100270042	Gas Pedal/Throttle	

Primary Model	Model Year	Production Date	Odometer	VIN
Corolla	2010	18-AUG-09	5545 mi	1NXBU4EE5AZ[redacted]

Attachment 1: **Parts Recovery Control Sheet**

	Orig Tracking
	VIN
Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.	Doc No.

Final Destination: CQE	SETR#:		CQE Eng:		

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

	Part # 1:	Part Description	Qty.	VALUE FOR CUSTOMS USE: Used Part Value Each
1	000000000000	TEST PART	0	$ 0
	Comments:			
2	Part # 2:	Part Description	Qty.	Used Part Value Each $
	Comments:			
3	Part # 3:	Part Description	Qty.	Used Part Value Each $
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Dealer Code	Ref	Date
TQCN_DPR-100270038	TMS	QAPowertrain	04344		

Dealer Name	Dealer City	State	Region	Source
VENTURA TOYOTA	VENTURA	CA	LOS	TECH

Primary Model	Model Year	Production Date	Odometer	VIN
Corolla	2010	02-OCT-09	1979 mi	1NXBU4EE8AZ[redacted]

Part # 1:	Part # 2:	Part # 3:	Parts Destination:	Parts Available:	Repair Date
000000000000			CQE	No part available	1/27/2010

Condition Title	Applicable DTC Code(s)
Gas Pedal/Throttle	

Condition Description

CUSTOMER STATES CAR KEEPS ON GOING WHILE TRYING TO BRAKE MOST NOTICEABLE AT HIGHER SPEEDS INSPECT AND ADVISE

Diagnostic Steps:

Inspect driver side floor mat,health check and diagnostic report, testdrive vehicle with techstream and record data, check for SSC. Inspect accel. pedal for mechanical failure, inspect accel, pedal with techstream per R.M. Inspect trottle body for sticking, inspect idle speed operation with Techstream. Techstream.

Probable Cause

What likely caused this customer concern? Unable to duplicate concern, CTS pedal present.

Repair Process

Contact DSPM/FTS

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Condition Title			Date
TQCN_DPR-100270038	Gas Pedal/Throttle			
Primary Model	**Model Year**	**Production Date**	**Odometer**	**VIN**
Corolla	2010	02-OCT-09	1979 mi	1NXBU4EE8AZ[redacted]

Attachment 1: **Parts Recovery Control Sheet**	Orig Tracking	
	VIN	
Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.	Doc No.	

Final Destination: CQE	SETR#:		CQE Eng:		

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

				VALUE FOR CUSTOMS USE:
	Part # 1:	Part Description	Qty.	Used Part Value Each
1	000000000000	TEST PART	0	$ 0
	Comments:			
	Part # 2:	Part Description	Qty.	Used Part Value Each
2				$
	Comments:			
	Part # 3:	Part Description	Qty.	Used Part Value Each
3				$
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Dealer Code	Ref	Date
TQCN_DPR-100270043	TMS	QAPowertrain	19026		

Dealer Name	Dealer City	State	Region	Source
KOONS TOYOTA	ANNAPOLIS	MD	CAT	TECH

Primary Model	Model Year	Production Date	Odometer	VIN
Camry	2010	26-MAR-09	3442 mi	4T4BF3EK4AR[redacted]

Part # 1:	Part # 2:	Part # 3:	Parts Destination:	Parts Available:	Repair Date
8966106J10			CQE	No part available	1/27/2010

Condition Title	Applicable DTC Code(s)
Gas Pedal/Throttle	

Condition Description

c/s when accelerating from a stop the car lurches forward

Diagnostic Steps:

road test with owner, scan test. visual inspection of floor mat, cts gas pedal, and throttle body.

Probable Cause

driver error/input. first time with a drive by wire system vehicle.

Repair Process

none.

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Condition Title			Date
TQCN_DPR-100270043	Gas Pedal/Throttle			
Primary Model	**Model Year**	**Production Date**	**Odometer**	**VIN**
Camry	2010	26-MAR-09	3442 mi	4T4BF3EK4AR[redacted]

Attachment 1: **Parts Recovery Control Sheet**	**Orig Tracking**	
	VIN	
Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.	**Doc No.**	

Final Destination: CQE	SETR#:		CQE Eng:		

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

				VALUE FOR CUSTOMS USE:
	Part # 1:	**Part Description**	**Qty.**	**Used Part Value Each**
1	8966106J10	COMPUTER, ENGINE CONTROL	1	$ 82.8
	Comments:			
	Part # 2:	**Part Description**	**Qty.**	**Used Part Value Each**
2				$
	Comments:			
	Part # 3:	**Part Description**	**Qty.**	**Used Part Value Each**
3				$
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Dealer Code	Ref	Date
TQCN_DPR-100270049	TMS	QAPowertrain	04344		

Dealer Name	Dealer City	State	Region	Source
VENTURA TOYOTA	VENTURA	CA	LOS	TECH

Primary Model	Model Year	Production Date	Odometer	VIN
Camry	2007	16-APR-07	31875 mi	4T1BE46K07U[redacted]

Part # 1:	Part # 2:	Part # 3:	Parts Destination:	Parts Available:	Repair Date
000000000000			CQE	No part available	1/27/2010

Condition Title	Applicable DTC Code(s)
Gas Pedal/Throttle	

Condition Description

CUSTOEMR STATES WHEN APPLYING THE GAS PEDAL VEHICLE IS ACCELERATING MORE THAN IT NORMALL;Y WOULD,

Diagnostic Steps:

Inspect driver side floor mat,health check and diagnostic report, testdrive vehicle with techstream and record data, check for SSC. Inspect accel. pedal for mechanical failure, inspect accel, pedal with techstream per R.M. Inspect trottle body for sticking, inspect idle speed operation with Techstream.

Probable Cause

unable to verify condition.

Repair Process

No repair performed. CTS pedal. Contact DSPM/FTS

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Condition Title	Date
TQCN_DPR-100270049	Gas Pedal/Throttle	

Primary Model	Model Year	Production Date	Odometer	VIN
Camry	2007	16-APR-07	31875 mi	4T1BE46K07U[redacted]

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking	
VIN	
Doc No.	

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination: CQE	SETR#:		CQE Eng:		

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

				VALUE FOR CUSTOMS USE:
	Part # 1:	Part Description	Qty.	Used Part Value Each
1	000000000000	TEST PART	0	$ 0
	Comments:			
	Part # 2:	Part Description	Qty.	Used Part Value Each
2				$
	Comments:			
	Part # 3:	Part Description	Qty.	Used Part Value Each
3				$
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Dealer Code	Ref	Date
TQCN_DPR-100270050	**TMS**	QAPowertrain	**04344**		

Dealer Name	Dealer City	State	Region	Source
VENTURA TOYOTA	VENTURA	CA	LOS	**TECH**

Primary Model	Model Year	Production Date	Odometer	VIN
Camry	2010	06-JUL-09	6672 mi	4T1BK3EKXAU[redacted]

Part # 1:	Part # 2:	Part # 3:	Parts Destination:	Parts Available:	Repair Date
000000000000			CQE	No part available	1/27/2010

Condition Title	Applicable DTC Code(s)
Gas Pedal/Throttle	

Condition Description

A CUSTOMER STATES THAT THE VEHICLE ACCELERATED ON ITS OWN WHEN AT A STOP. CUSTOMER STATES THAT WHEN SHE PRESSED THE BRAKE IT WENT ALL THE WAY TO THE FLOOR AND SHE HAD TO TURN OFF THE ENGINE FOR THE VEHICLE TO STOP. INSPECT AND ADVISE.

Diagnostic Steps:

Inspect driver side floor mat,health check and diagnostic report, testdrive vehicle with techstream and record data, check for SSC. Inspect accel. pedal for mechanical failure, inspect accel, pedal with techstream per R.M. Inspect trottle body for sticking, inspect idle speed operation with Techstream.

Probable Cause

Unable to verify concern.

Repair Process

No repair done, Denso pedal, contact DSPM/FTS

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Condition Title	Date
TQCN_DPR-100270050	Gas Pedal/Throttle	

Primary Model	Model Year	Production Date	Odometer	VIN
Camry	2010	06-JUL-09	6672 mi	4T1BK3EKXAU[redacted]

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking	
VIN	
Doc No.	

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination: CQE	SETR#:		CQE Eng:		

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

				VALUE FOR CUSTOMS USE:
	Part # 1:	Part Description	Qty.	Used Part Value Each
1	000000000000	TEST PART	0	$ 0
	Comments:			
	Part # 2:	Part Description	Qty.	Used Part Value Each
2				$
	Comments:			
	Part # 3:	Part Description	Qty.	Used Part Value Each
3				$
	Comments:			

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Dealer Code	Ref	Date
TQCN_DPR-100360007	**TMS**	QAChassis	**37065**	92753577	02/09/2010

Dealer Name	Dealer City	State	Region	Source
THOMPSON TOYOTA	DOYLESTOWN	PA	CAT	**TECH**

Primary Model	Model Year	Production Date	Odometer	VIN
Prius	2010	30-JUN-09	7692 mi	JTDKN3DU4A0[redacted]

Part # 1:	Part # 2:	Part # 3:	Parts Destination:	Parts Available:	Repair Date
000000000000			CQE	Available upon request	2/5/2010

Condition Title	Applicable DTC Code(s)
Brake Feel over bumps	

Condition Description

The customer states car feels like it accelerates on bumpy roads when braking

Diagnostic Steps:

Test-drove the vehicle and could not duplicate the concern.
Performed a health check
Found that there were no codes present

Probable Cause

Unknown

Repair Process

No repair attempted
The vehicle is operating as designed
The customer is unhappy with the feel of the brakes on bumpy roads

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Condition Title			Date
TQCN_DPR-100360007	Brake Feel over bumps			02/09/2010
Primary Model	**Model Year**	**Production Date**	**Odometer**	**VIN**
Prius	2010	30-JUN-09	7692 mi	JTDKN3DU4A0[redacted]

Attachment 1: **Parts Recovery Control Sheet**	Orig Tracking	
	VIN	[redacted]
Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.	Doc No.	

Final Destination: CQE	SETR#:		CQE Eng:		

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

				VALUE FOR CUSTOMS USE:
1	**Part # 1:** 000000000000	**Part Description** TEST PART	**Qty.** 1	**Used Part Value Each** $ 0
	Comments:			
2	**Part # 2:**	**Part Description**	**Qty.**	**Used Part Value Each** $
	Comments:			
3	**Part # 3:**	**Part Description**	**Qty.**	**Used Part Value Each** $
	Comments:			

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Ref	Date
TQCN_FTR-100350004	GST	QAPowertrain	90431573	02/10/2010

Primary Model	Model Year	Production Date	Odometer	VIN	Repair Date
Corolla	2009	2008-10-14	5989	1NXBU40E79Z[redacted]	1/26/2010

Source	Location	Problem Area	Parts Destination	DTC
FTS	REG-GST	Base Vehicle	CQE	

Part # 1	Part # 1 Serial/Date Code	Part # 2	Part # 2 Serial/Date Code	Parts Available
N/A				No Part(s) Available

Condition Title

Unintended Acceleration after leaving from a stop

Condition Description

Customer states while at a stop the engine started to rev and tried to take off. Customer turned off vehicle and restarted. Vehicle continued to rev when running. Turned vehicle off 3rd time and restarted vehicle operated normally after third start.

Diagnostic Steps

- Technician who was inspecting the vehicle had driven it approximately 10-12 minutes.
- 7-8 minutes into the drive the technician was sitting at a stop light. When the stop light changed the tech started to lightly accelerate.
- After traveling 20-30 feet the vehicle exhibited a slight hesitation then began to accelerate on its own.
- Engine speed was estimated to have gone from 1500 rpm to 5500 rpm at the time of the occurrence.
- Vehicle traveling 9-10 mph at time of occurrence. Approximate maximum speed reached was 20 mph prior to accelerator pedal release / brake application.
- Estimated throttle position at the time of the occurrence was 15-20 percent.
- No accessories were on at the time of occurrence.
- The external lights were not on at the time of the occurrence.
- The HVAC system was not in use at time of occurrence.
- DTC U0100 was set in memory, but the technician cleared the DTC prior to duplication and the DTC did not return following duplication
- The technician experienced a problem with the scan tool loosing communication with the car at the time of the occurrence. The scan tool in use was a newer unit to the dealer. It is unknown if this was related to the vehicle concern or solely a scan tool concern.

Probable Cause

Unknown

Repair Process

The vehicle was taken back to the dealer and parked after the occurrence. The national office and region office inspected the vehicle. The vehicle was driven extensively on 3 different occasions over 3 different days with the vehicle sitting for 3 days between the second and 3rd driving sessions. The condition experienced by the consumer and the technician was never duplicated. It was decided in the interest of the customer to repurchase the vehicle

FIELD TECHNICAL REPORT

TOYOTA | LEXUS

TQCN DOC#	Condition Title	Date
TQCN_FTR-100350004	Unintended Acceleration after leaving from a stop	02/10/2010

Primary Model	Model Year	Production Date	Odometer	VIN (confirm 17 characters):
Corolla	2009	2008-10-14	5989	1NXBU40E79Z[redacted]

Orig Tracking

VIN [redacted]

Doc No.

Attachment 1: **Parts Recovery Control Sheet**

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Final Destination: CQE	SETR#:		CQE Eng:	N/A	

Importer: (Applies to TMC Shipments Only)	Deliver to:	住所：
Mr. N. Okumura, Chief Expert Quality Div. Warranty Parts Room TOYOTA MOTOR CORPORATION 1 Toyota, Toyota-city, Aichi, 471-8571 Japan	Attn: Tel:	宛先： Tel:

T-STAR

Note: If this FTR contains more than one VIN, create a table in the report containing VIN, production date, and odometer	FOR CUSTOMS USE: Used Parts Value

	Part # 1:	Part Description	Qty.	Used Part Value Each
1	N/A	n/a	1	$ 0.00
	Serial No. / Date Code	Comments:		
2	Part # 2:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
3	Part # 3:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
4	Part # 4:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
5	Part # 5:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
6	Part # 6:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		
7	Part # 7:	Part Description	Qty.	Used Part Value Each
				$
	Serial No. / Date Code	Comments:		

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Affiliate	Dept.	Dealer Code	Ref	Date
TQCN_DPR-100550039	**TMS**	QAChassis	**19061**	A0562103	02/25/2010

Dealer Name	Dealer City	State	Region	Source
POHANKA OF SALISBURY	SALISBURY	MD	CAT	**TECH**

Primary Model	Model Year	Production Date	Odometer	VIN
Prius	2007	23-Nov-06	33576 mi	JTDKB20U277[redacted]

Part # 1:	Part # 2:	Part # 3:	Parts Destination:	Parts Available:	Repair Date
8966147160			CQE	No part available	2/23/2010

Condition Title	Applicable DTC Code(s)
Brake feel on uneven road surface	

Condition Description

- Customer states that a handful of times, especially on a specific road when applying brakes over a dip in the road, the car feels like it is surging forward instead of stopping
- Customer does not think the ABS is being activated and does not think the VSC is being activated either
- Customer sees a similarity between this situation and the one being reported on the 2010 Prius

Diagnostic Steps:

- Road tested vehicle with customer over a rough surface that customer states they had a problem with
- Customer was unable to duplicate the condition
- Checked ECU programming for the most current version and re-flashed engine ECU to newest software

Probable Cause

Unknown

Repair Process

Engine ECU was re-flashed to newest software version (not for customer complaint issue)

DEALERSHIP PRODUCT REPORT

TOYOTA | LEXUS

TQCN DOC#	Condition Title	Date
TQCN_DPR-100550039	Brake feel on uneven road surface	02/25/2010

Primary Model	Model Year	Production Date	Odometer	VIN
Prius	2007	23-Nov-06	33576 mi	JTDKB20U277[redacted]

Attachment 1: **Parts Recovery Control Sheet**

Orig Tracking

VIN [redacted]

Do not type in SHADED fields. If the **Final Destination** field below is "**scrap**", properly dispose of the part.

Doc No.

Final Destination: CQE | SETR#: | CQE Eng:

Importer: (Applies to TMC Shipments Only)

Mr. N. Okumura, Chief Expert
Quality Div. Warranty Parts Room
TOYOTA MOTOR CORPORATION
1 Toyota, Toyota-city, Aichi, 471-8571
Japan

Deliver to:

Attn:

Tel:

住所：

宛先：

Tel:

				VALUE FOR CUSTOMS USE:
1	Part # 1: 8966147160	Part Description: COMPUTER, ENGINE CONTROL	Qty.: 1	Used Part Value Each: $ 113.58
	Comments:			
2	Part # 2:	Part Description:	Qty.:	Used Part Value Each: $
	Comments:			
3	Part # 3:	Part Description:	Qty.:	Used Part Value Each: $
	Comments:			