Manufacturer Name :Toyota Motor Engineering & ManufacturingSubmission Date :APR 09, 2020NHTSA Recall No. :20V-012Manufacturer Recall No. :See attached report



Manufacturer Name : Toyota Motor Engineering & Manufacturing Address : 6565 Headquarters Drive Plano TX 75024 Company phone : 1-800-331-4331

#### Vehicle Information :

Vehicle 1:	2018-2019 Toyota Cor	olla	
Vehicle Type :	-		
Body Style :			
Power Train :	NR		
Descriptive Information :	vehicles in this range w (2) Based on Toyot to certain vehicles with produced during specific contain fuel pumps that either (1) a pump imper impeller that was expo Vehicles with fuel pum conditions are not inclue (3) Some hybrid m However, with the excer vehicles will enter a fait and reduced motive por distances. This does not conduct a customer sate Note: Unknown. Toyot to actually contain the stall while driving at his	vere sold in the U.S. ta's current understanding of t is specific fuel pumps supplied fic periods under specific circu t were produced with impeller eller of a type with lower surfa sed to production solvent dryi ps that were not produced une uded at this time. odels are equipped with the at eption of LS500h and LC500h, l-safe driving mode, resulting over in which the vehicle can s of present an unreasonable ris isfaction campaign for these v	rs of lower density and contain ce strength or (2) a pump ing for longer periods of time. der the aforementioned forementioned fuel pumps. if the condition occurs, these in illumination of warning lights still be driven for certain sk to safety. Toyota intends to rehicles in the future.
Production Dates :	OCT 19, 2017 - FEB 08,	2019	~ ~
VIN Range 1:	,	End: NR	☐ Not sequential



20V-012

#### **Population :**

Number of potentially involved : 1,830,752 Estimated percentage with defect : NR

Page 2

venicle 2:	2017-2019 To	oyota Sienna		
Vehicle Type :		-		
Body Style :				
Power Train :	NR			
Descriptive Information :	vehicles in thi (2) Based to certain vehic produced duric contain fuel pre- either (1) a pur- impeller that wehicles with conditions are (3) Some However, with vehicles will e and reduced m distances. This conduct a cust	s range were sol on Toyota's cur icles with specifi ing specific perio umps that were ump impeller of was exposed to p fuel pumps that e not included at hybrid models a n the exception of onter a fail-safe of notive power in is does not prese tomer satisfactio	Id in the U.S. rent understanding ic fuel pumps suppl ods under specific of produced with imp a type with lower sup production solvent were not produced this time. re equipped with the of LS500h and LC500 riving mode, result which the vehicle of ent an unreasonable on campaign for the	the above production period, not a of the condition, this recall applies ied by Denso, containing impellers ircumstances. These vehicles ellers of lower density and contain urface strength or (2) a pump drying for longer periods of time. under the aforementioned he aforementioned fuel pumps. Oh, if the condition occurs, these ing in illumination of warning light an still be driven for certain e risk to safety. Toyota intends to se vehicles in the future.
	to actually cor stall while dri <sup>-</sup> production co	ntain the defect. ving at higher sp ndition of fuel p	Whether the issue beeds depends on m	in each case will lead to a vehicle any variables, such as the specific ehicle operating conditions.
Production Dates :				
VIN Range 1:	Bogin ·	NR	End: NR	Not sequential

20V-012

Page 3

Vehicle 3	: 2018-2019 Toyota Avalo	n	
Vehicle Type	:		
Body Style	:		
Power Train	: NR		
Descriptive Information	vehicles in this range wei (2) Based on Toyota' to certain vehicles with s produced during specific contain fuel pumps that w either (1) a pump impelled impeller that was expose Vehicles with fuel pumps conditions are not includ (3) Some hybrid mod However, with the excep vehicles will enter a fail-s and reduced motive pow distances. This does not	re sold in the U.S. s current understanding of pecific fuel pumps supplie periods under specific cir were produced with impel er of a type with lower sur d to production solvent di that were not produced u ed at this time. lels are equipped with the tion of LS500h and LC500 safe driving mode, resultir er in which the vehicle car	he above production period, not a of the condition, this recall applies ed by Denso, containing impellers recumstances. These vehicles lers of lower density and contain face strength or (2) a pump rying for longer periods of time. under the aforementioned aforementioned fuel pumps. h, if the condition occurs, these ng in illumination of warning light n still be driven for certain risk to safety. Toyota intends to e vehicles in the future.
Production Dates	to actually contain the de stall while driving at high	fect. Whether the issue ir her speeds depends on ma fuel pump impeller and ve	timate of the percentage of vehicle a each case will lead to a vehicle ny variables, such as the specific hicle operating conditions.
VIN Range 1	: Begin : NR	End: NR	☐ Not sequentia

Vehicle 4:	2014-2015 Toy	yota 4Runner			
Vehicle Type :	·				
Body Style :					
Power Train :	NR				
Descriptive Information :	vehicles in this (2) Based of to certain vehic produced durin contain fuel pur either (1) a pur impeller that w Vehicles with for conditions are (3) Some h However, with vehicles will en and reduced m	Frange were sol on Toyota's curr cles with specifi ng specific perio umps that were proprimpeller of a vas exposed to p uel pumps that not included at the exception of ther a fail-safe d notive power in	d in the U.S. rent understan c fuel pumps s ods under spect produced with a type with low oroduction solv were not produ- this time. re equipped wi of LS500h and I riving mode, re-	ding of the condi upplied by Dense ific circumstance impellers of low ver surface streng vent drying for lo uced under the a ith the aforement C500h, if the con esulting in illumi cle can still be dr	tioned fuel pumps. ndition occurs, these ination of warning light
	conduct a custo Note: Unknowr to actually cont stall while driv	omer satisfactio n. Toyota is una tain the defect. ring at higher sp	n campaign for able to provide Whether the is eeds depends	r these vehicles i an estimate of th ssue in each case	in the future. he percentage of vehicle will lead to a vehicle es, such as the specific
Production Dates :	conduct a custo Note: Unknown to actually cont stall while driv production con	omer satisfactio n. Toyota is una tain the defect. ing at higher sp idition of fuel p	n campaign for able to provide Whether the is eeds depends	r these vehicles i an estimate of th ssue in each case on many variable	in the future. he percentage of vehicle will lead to a vehicle es, such as the specific
Production Dates : VIN Range 1 :	conduct a custo Note: Unknown to actually cont stall while driv production con SEP 02, 2013 - 1	omer satisfactio n. Toyota is una tain the defect. ing at higher sp idition of fuel p	n campaign for able to provide Whether the is eeds depends	r these vehicles i an estimate of th ssue in each case on many variable	in the future. he percentage of vehicle will lead to a vehicle es, such as the specific
	conduct a custo Note: Unknown to actually cont stall while driv production con SEP 02, 2013 - 1	omer satisfaction. Toyota is una tain the defect. ring at higher sp ndition of fuel pr FEB 19, 2015	n campaign for able to provide Whether the is eeds depends ump impeller a	r these vehicles i an estimate of th ssue in each case on many variable	in the future. he percentage of vehicle will lead to a vehicle es, such as the specific ating conditions.

20V-012

Page 5

Power Train : Descriptive Information :	<ul> <li>(1) Althouver</li> <li>vehicles in this</li> <li>(2) Based</li> <li>to certain veh</li> <li>produced dur</li> <li>contain fuel p</li> </ul>	is range were l on Toyota's d licles with spe	sold in the U.S. current understa	-	production period, not a
escriptive Information :	vehicles in thi (2) Based to certain veh produced dur contain fuel p	is range were l on Toyota's d licles with spe	sold in the U.S. current understa	-	· -
	impeller that Vehicles with conditions are (3) Some However, wit vehicles will e and reduced r distances. Th conduct a cus Note: Unknow to actually con	umps that we ump impeller was exposed fuel pumps the e not included hybrid model h the exception enter a fail-sate motive power is does not pro- tomer satisfactory vn. Toyota is ntain the defe	eriods under spe- ere produced with of a type with low to production sol- nat were not prod l at this time. Is are equipped w on of LS500h and fe driving mode, n in which the veh- resent an unrease ction campaign for unable to provide ct. Whether the	supplied by Dens cific circumstance h impellers of low wer surface stren lvent drying for lo duced under the a vith the aforemen LC500h, if the co resulting in illumi icle can still be di onable risk to safe or these vehicles i e an estimate of t issue in each case	ntioned fuel pumps. ondition occurs, these ination of warning light riven for certain ety. Toyota intends to
	production co	ondition of fue	el pump impeller	and vehicle operation	ating conditions.
Production Dates :	APR 02, 2018	- MAR 18, 20	19		
VIN Range 1:	Begin :	NR	End: NR		Not sequential

Page 6

Body Style :         Power Train :       NR         Descriptive Information :       (1) Although the involved vehicles are within the above production period, not a vehicles in this range were sold in the U.S.         (2) Based on Toyota's current understanding of the condition, this recall applies to certain vehicles with specific fuel pumps supplied by Denso, containing impellers produced during specific periods under specific circumstances. These vehicles contain fuel pumps that were produced with impellers of lower density and contain either (1) a pump impeller of a type with lower surface strength or (2) a pump impeller that was exposed to production solvent drying for longer periods of time. Vehicles with fuel pumps that were not produced under the aforementioned conditions are not included at this time.         (3) Some hybrid models are equipped with the aforementioned fuel pumps. However, with the exception of LS500h and LC500h, if the condition occurs, these vehicles will enter a fail-safe driving mode, resulting in illumination of warning light and reduced motive power in which the vehicle can still be driven for certain distances. This does not present an unreasonable risk to safety. Toyota intends to conduct a customer satisfaction campaign for these vehicles in the future.         Note: Unknown. Toyota is unable to provide an estimate of the percentage of vehicle stall while driving at higher speeds depends on many variables, such as the specific production condition of fuel pump impeller and vehicle operating conditions.         Production Dates :       OCT 02, 2017 - JAN 31, 2019         VIN Range 1 : Begin :       NR       End :       NR	Vehicle Type :	2018-2019 Lexus IS300		
<ul> <li>Descriptive Information : (1) Although the involved vehicles are within the above production period, not i vehicles in this range were sold in the U.S.</li> <li>(2) Based on Toyota's current understanding of the condition, this recall applies to certain vehicles with specific fuel pumps supplied by Denso, containing impellers produced during specific periods under specific circumstances. These vehicles contain fuel pumps that were produced with impellers of lower density and contain either (1) a pump impeller of a type with lower surface strength or (2) a pump impeller that was exposed to production solvent drying for longer periods of time. Vehicles with fuel pumps that were not produced under the aforementioned conditions are not included at this time.</li> <li>(3) Some hybrid models are equipped with the aforementioned fuel pumps. However, with the exception of LS500h and LC500h, if the condition occurs, these vehicles will enter a fail-safe driving mode, resulting in illumination of warning light and reduced motive power in which the vehicle can still be driven for certain distances. This does not present an unreasonable risk to safety. Toyota intends to conduct a customer satisfaction campaign for these vehicles in the future.</li> <li>Note: Unknown. Toyota is unable to provide an estimate of the percentage of vehicle stall while driving at higher speeds depends on many variables, such as the specific production condition of fuel pump impeller and vehicle operating conditions.</li> </ul>		NR		
production condition of fuel pump impeller and vehicle operating conditions. Production Dates : OCT 02, 2017 - JAN 31, 2019	Descriptive Information :	<ul> <li>vehicles in this range were so</li> <li>(2) Based on Toyota's cur to certain vehicles with speci produced during specific perf contain fuel pumps that were either (1) a pump impeller of impeller that was exposed to Vehicles with fuel pumps that conditions are not included a</li> <li>(3) Some hybrid models a However, with the exception vehicles will enter a fail-safe and reduced motive power in distances. This does not press conduct a customer satisfacti</li> <li>Note: Unknown. Toyota is un to actually contain the defect.</li> </ul>	old in the U.S. rrent understanding of the fic fuel pumps supplied by iods under specific circum produced with impellers a type with lower surface production solvent drying t were not produced under t this time. are equipped with the afor of LS500h and LC500h, if t driving mode, resulting in which the vehicle can stil sent an unreasonable risk t on campaign for these veh	e condition, this recall applies Denso, containing impellers stances. These vehicles of lower density and contain strength or (2) a pump g for longer periods of time. r the aforementioned rementioned fuel pumps. the condition occurs, these illumination of warning lights l be driven for certain to safety. Toyota intends to icles in the future.
		8 8		-
VIN Range 1 : Begin :NREnd :NRImage: NRNot sequential				
	VIN Range 1:	Begin : NR	End: NR	☐ Not sequential

20V-012

Page 7

Vehicle 7 Vehicle Type	2018-2019 Lexus GS300		
Body Style			
Power Train			
Descriptive Information	vehicles in this range were (2) Based on Toyota's to certain vehicles with sp produced during specific contain fuel pumps that we either (1) a pump impelled impeller that was exposed Vehicles with fuel pumps conditions are not include (3) Some hybrid mod However, with the except vehicles will enter a fail-se and reduced motive power distances. This does not p	e sold in the U.S. current understanding of t becific fuel pumps supplied periods under specific circu vere produced with impelle r of a type with lower surfa d to production solvent dryi that were not produced un- ed at this time. els are equipped with the ar- ion of LS500h and LC500h, afe driving mode, resulting er in which the vehicle can s	rs of lower density and contain ce strength or (2) a pump ing for longer periods of time. der the aforementioned forementioned fuel pumps. if the condition occurs, these in illumination of warning light still be driven for certain k to safety. Toyota intends to
Production Dates	to actually contain the de stall while driving at high	fect. Whether the issue in e er speeds depends on many iel pump impeller and vehi	nate of the percentage of vehicle ach case will lead to a vehicle variables, such as the specific cle operating conditions.
	: Begin : NR	End: NR	Not sequentia
Production Dates	to actually contain the destall while driving at high production condition of ference of the stall 13, 2017 - JAN 18, 20	fect. Whether the issue in e er speeds depends on many iel pump impeller and vehi 19	ach case will lead to a vehicle variables, such as the specificle cle operating conditions.

Vehicle 8:	2013-2015 Lexus GS350		
Vehicle Type :			
Body Style :			
Power Train :	NR		
Descriptive Information :	vehicles in this range we (2) Based on Toyota to certain vehicles with a produced during specific contain fuel pumps that either (1) a pump impell impeller that was expose Vehicles with fuel pump conditions are not includ (3) Some hybrid mo However, with the excep vehicles will enter a fail- and reduced motive pow distances. This does not	's current understanding of the specific fuel pumps supplied by c periods under specific circum were produced with impellers er of a type with lower surface ed to production solvent drying s that were not produced under	Denso, containing impellers stances. These vehicles of lower density and contain strength or (2) a pump g for longer periods of time. r the aforementioned rementioned fuel pumps. the condition occurs, these illumination of warning lights l be driven for certain to safety. Toyota intends to
	to actually contain the d stall while driving at hig	is unable to provide an estimat efect. Whether the issue in each her speeds depends on many va fuel pump impeller and vahiele	h case will lead to a vehicle ariables, such as the specific
	to actually contain the d stall while driving at hig production condition of	efect. Whether the issue in each her speeds depends on many va fuel pump impeller and vehicle	h case will lead to a vehicle ariables, such as the specific
	to actually contain the destall while driving at hig production condition of SEP 02, 2013 - FEB 21, 2	efect. Whether the issue in each her speeds depends on many va fuel pump impeller and vehicle 015	h case will lead to a vehicle ariables, such as the specific operating conditions.
Production Dates : VIN Range 1 :	to actually contain the destall while driving at hig production condition of SEP 02, 2013 - FEB 21, 2	efect. Whether the issue in each her speeds depends on many va fuel pump impeller and vehicle	h case will lead to a vehicle ariables, such as the specific operating conditions.
	to actually contain the destall while driving at hig production condition of SEP 02, 2013 - FEB 21, 2	efect. Whether the issue in each her speeds depends on many va fuel pump impeller and vehicle 015	h case will lead to a vehicle ariables, such as the specific operating conditions.
	to actually contain the destall while driving at hig production condition of SEP 02, 2013 - FEB 21, 2	efect. Whether the issue in each her speeds depends on many va fuel pump impeller and vehicle 015	h case will lead to a vehicle ariables, such as the specific
	to actually contain the destall while driving at hig production condition of SEP 02, 2013 - FEB 21, 2	efect. Whether the issue in each her speeds depends on many va fuel pump impeller and vehicle 015	h case will lead to a vehicle ariables, such as the specific operating conditions.

Page 9

Vehicle 9 Vehicle Type	: 2018-2019 Lexus GS350 :		
Body Style Power Train			
Descriptive Information	vehicles in this range wer (2) Based on Toyota's to certain vehicles with s produced during specific contain fuel pumps that w either (1) a pump impelled impeller that was expose Vehicles with fuel pumps conditions are not includ (3) Some hybrid mod However, with the except vehicles will enter a fail-s and reduced motive powe distances. This does not	e sold in the U.S. s current understanding of the pecific fuel pumps supplied be periods under specific circum were produced with impellers or of a type with lower surface d to production solvent drying that were not produced under ed at this time. els are equipped with the afoc ion of LS500h and LC500h, if	s of lower density and contain e strength or (2) a pump g for longer periods of time. er the aforementioned prementioned fuel pumps. The condition occurs, these n illumination of warning lights ill be driven for certain to safety. Toyota intends to
Production Dates VIN Range 1	to actually contain the de stall while driving at high production condition of f : OCT 03, 2017 - JAN 31, 20	fect. Whether the issue in ea er speeds depends on many uel pump impeller and vehicl	variables, such as the specific

	2014-2014 Lexus IS-F		
Vehicle Type :			
Body Style :	ND		
Power Train : Descriptive Information :			above production period, not a
	vehicles in this range were (2) Based on Toyota's to certain vehicles with sp produced during specific p contain fuel pumps that w either (1) a pump impeller impeller that was exposed Vehicles with fuel pumps to conditions are not include (3) Some hybrid mode However, with the excepti vehicles will enter a fail-sa and reduced motive powe distances. This does not p conduct a customer satisfa	e sold in the U.S. current understanding of t ecific fuel pumps supplied periods under specific circu- ere produced with impeller r of a type with lower surfa- l to production solvent dryi that were not produced und d at this time. els are equipped with the af- ion of LS500h and LC500h, afe driving mode, resulting i r in which the vehicle can s oresent an unreasonable ris action campaign for these v	he condition, this recall applies by Denso, containing impellers imstances. These vehicles rs of lower density and contain ce strength or (2) a pump ng for longer periods of time. der the aforementioned forementioned fuel pumps. if the condition occurs, these in illumination of warning lights till be driven for certain k to safety. Toyota intends to ehicles in the future.
	to actually contain the defestall while driving at high	ect. Whether the issue in early the section of the	nate of the percentage of vehicle ach case will lead to a vehicle variables, such as the specific cle operating conditions.
	SEP 10, 2013 - JUL 24, 201	4	
Production Dates :			

	2017-2017 Le	exus IS200t			
Vehicle Type :					
Body Style :					
Power Train :	NR				
Descriptive Information :	vehicles in thi (2) Based to certain veh produced dur contain fuel p either (1) a pr impeller that Vehicles with conditions are (3) Some However, wit vehicles will e and reduced r distances. Th conduct a cus	is range were l on Toyota's nicles with spe- ring specific p pumps that we ump impeller was exposed fuel pumps t e not included hybrid mode h the exception enter a fail-sa motive powen is does not pu- stomer satisfa	ved vehicles are within sold in the U.S. current understanding ecific fuel pumps suppleriods under specific ere produced with im of a type with lower to production solven that were not produced at this time. Is are equipped with for of LS500h and LC5 fe driving mode, resu in which the vehicle resent an unreasonability ction campaign for the unable to provide an	g of the conditio olied by Denso, c circumstances. pellers of lower surface strength t drying for long d under the afor the aforemention 00h, if the condi lting in illuminat can still be drive le risk to safety. sese vehicles in th	n, this recall applies ontaining impellers These vehicles density and contain or (2) a pump er periods of time. ementioned ned fuel pumps. tion occurs, these tion of warning light en for certain Toyota intends to he future.
	to actually constall while dri	iving at highe	ect. Whether the issuer r speeds depends on el pump impeller and	e in each case wi many variables, s	ll lead to a vehicle such as the specific
Production Dates :	to actually con stall while dri production co	iving at highe ondition of fue	ect. Whether the issuer r speeds depends on el pump impeller and	e in each case wi many variables, s	ll lead to a vehicle such as the specific

	2014-2015 Lexus IS350		
Vehicle Type :			
Body Style :	ND		
Power Train :			
Descriptive Information :	vehicles in this range wer (2) Based on Toyota's to certain vehicles with sp produced during specific contain fuel pumps that w either (1) a pump impelle impeller that was exposed Vehicles with fuel pumps conditions are not include (3) Some hybrid mode However, with the except vehicles will enter a fail-sa and reduced motive powe distances. This does not p conduct a customer satisfa	e sold in the U.S. current understanding of the pecific fuel pumps supplied by periods under specific circum vere produced with impellers r of a type with lower surface l to production solvent dryin that were not produced under ed at this time. els are equipped with the afo ion of LS500h and LC500h, if afe driving mode, resulting in er in which the vehicle can stis present an unreasonable risk action campaign for these vehicle	of lower density and contain e strength or (2) a pump g for longer periods of time. er the aforementioned rementioned fuel pumps. the condition occurs, these illumination of warning lights ll be driven for certain to safety. Toyota intends to
	to actually contain the def stall while driving at high production condition of fu	ect. Whether the issue in eac er speeds depends on many v el pump impeller and vehicle	ch case will lead to a vehicle variables, such as the specific
	SEP 02, 2013 - FEB 21, 20	15 End: NR	☐ Not sequential
Production Dates : VIN Range 1 : I	Begin: NR		

	2018-2019 Lexus IS350		
Vehicle Type :			
Body Style :			
Power Train :	NR		
	vehicles in this range were (2) Based on Toyota's of to certain vehicles with specific p contain fuel pumps that we either (1) a pump impeller impeller that was exposed Vehicles with fuel pumps the conditions are not included (3) Some hybrid mode However, with the exception vehicles will enter a fail-sate and reduced motive power distances. This does not pre conduct a customer satisfation Note: Unknown. Toyota is to actually contain the defer	sold in the U.S. current understanding of the ecific fuel pumps supplied be eriods under specific circur- ere produced with impellers of a type with lower surfac- to production solvent dryin hat were not produced under at this time. Is are equipped with the afor- on of LS500h and LC500h, if fe driving mode, resulting in the which the vehicle can star- resent an unreasonable risk ction campaign for these vehicles unable to provide an estima- tect. Whether the issue in ea- r speeds depends on many	s of lower density and contain e strength or (2) a pump of for longer periods of time. er the aforementioned prementioned fuel pumps. If the condition occurs, these n illumination of warning lights ill be driven for certain to safety. Toyota intends to shicles in the future. ate of the percentage of vehicle ch case will lead to a vehicle variables, such as the specific
	OCT 02, 2017 - NOV 30, 20	18	

20V-012

Page 14

	2018-2019 Lexu	ıs LC500h			
Vehicle Type :					
Body Style :					
Power Train :	NR				
Descriptive Information :	vehicles in this r (2) Based or to certain vehicl produced during contain fuel pun either (1) a pum impeller that wa Vehicles with fu conditions are n (3) Some hy However, with t vehicles will ent and reduced mo distances. This of	range were sold in Toyota's curr les with specific g specific perio nps that were p ip impeller of a as exposed to p el pumps that v iot included at brid models ar he exception of the a fail-safe du otive power in v does not prese	l in the U.S. ent understa c fuel pumps ds under sp oroduced wi type with lo roduction so were not pro- this time. e equipped f LS500h an viving mode. which the vent an unreas	anding of the condit s supplied by Denso, ecific circumstances th impellers of lowe ower surface strengt olvent drying for lon oduced under the afo with the aforementi d LC500h, if the con-	r density and contain h or (2) a pump ger periods of time. orementioned oned fuel pumps. dition occurs, these ation of warning light ven for certain 7. Toyota intends to
	to actually conta stall while drivin	ain the defect. ng at higher spo lition of fuel pu	Whether the eeds depend	e issue in each case v	s, such as the specific
Production Dates :	OCT 06, 2017 - J.	AN 28, 2019			

20V-012

Page 15

venicie 15:	2013-2015 Lexus	s LS460		
Vehicle Type :				
Body Style :				
Power Train :	NR			
Descriptive Information :	vehicles in this ra (2) Based on to certain vehicle produced during contain fuel pum either (1) a pump impeller that was Vehicles with fue conditions are no (3) Some hyl However, with th vehicles will ente and reduced mot distances. This d conduct a custom	ange were so Toyota's cur s with specific peri- ps that were o impeller of s exposed to el pumps that ot included at orid models a ne exception of er a fail-safe c ive power in loes not press ner satisfaction Toyota is un in the defect.	ld in the U.S. rent understandin fic fuel pumps sup ods under specific produced with in a type with lower production solver twere not produc this time. are equipped with of LS500h and LC driving mode, resu which the vehicle ent an unreasonal on campaign for the able to provide ar Whether the issu	in the above production period, not ag of the condition, this recall applies plied by Denso, containing impellers circumstances. These vehicles pellers of lower density and contain surface strength or (2) a pump t drying for longer periods of time. ed under the aforementioned the aforementioned fuel pumps. 500h, if the condition occurs, these liting in illumination of warning ligh can still be driven for certain ole risk to safety. Toyota intends to nese vehicles in the future.
	-	-	oump impeller and	vehicle operating conditions.
Production Dates :				
VIN Range 1:1	Sodin .	NR	End: NR	Not sequentia

20V-012

Page 16

Vehicle 16:	2018-2019 Lexu	s LS500h		
Vehicle Type :				
Body Style :				
Power Train :	NR			
Descriptive Information :	vehicles in this r (2) Based on to certain vehicle produced during contain fuel pure either (1) a pure impeller that wa Vehicles with fue conditions are n (3) Some hy However, with the vehicles will enter and reduced more distances. This c	ange were sold in the a Toyota's current un- es with specific fuel p specific periods und ps that were produce p impeller of a type v s exposed to product el pumps that were n ot included at this tim brid models are equip- he exception of LS500 er a fail-safe driving r tive power in which t	e U.S. derstanding of the operation of t	mentioned fuel pumps. ne condition occurs, these lumination of warning light be driven for certain o safety. Toyota intends to
Production Dates :	to actually conta stall while drivin production cond OCT 07, 2017 - J	in the defect. Wheth ag at higher speeds de ition of fuel pump im AN 30, 2019	er the issue in each epends on many va peller and vehicle o	
VIN Range 1:1	Pogin :	NR End	: NR	Not sequential

20V-012

Vehicle 17:	2017-2017 Lexus RC2	00t		
Vehicle Type :				
Body Style :				
Power Train :	NR			
Descriptive Information :	vehicles in this range v (2) Based on Toyo to certain vehicles wit produced during speci contain fuel pumps that either (1) a pump imp impeller that was expo Vehicles with fuel pum conditions are not incl (3) Some hybrid n However, with the exc vehicles will enter a fa and reduced motive per distances. This does n conduct a customer sa Note: Unknown. Toyo to actually contain the stall while driving at h	were sold in the U ta's current under h specific fuel pu fic periods under at were produced eller of a type wi osed to production us that were not uded at this time nodels are equipp eption of LS500F il-safe driving mo ower in which the ot present an un- tisfaction campa ta is unable to pr defect. Whether igher speeds dep	J.S. erstanding of the c mps supplied by D r specific circumst d with impellers of th lower surface st on solvent drying for produced under t e. bed with the aforen and LC500h, if th ode, resulting in ill e vehicle can still b reasonable risk to ign for these vehic rovide an estimate the issue in each bends on many var	Tower density and contain trength or (2) a pump or longer periods of time. the aforementioned mentioned fuel pumps. e condition occurs, these lumination of warning light be driven for certain safety. Toyota intends to les in the future. of the percentage of vehicle case will lead to a vehicle iables, such as the specific
	production condition		eller and vehicle o	perating conditions.
	SEP 14, 2017 - NOV 28			<b>—</b> ••
VIN Range 1:1	Begin : NR	End :	NR	Not sequential

Page 18

Vehicle Type : Body Style :					
Power Train :	NR				
Descriptive Information :	vehicles in this (2) Based of to certain vehic produced durin contain fuel pu either (1) a pur impeller that w Vehicles with fr conditions are (3) Some h However, with vehicles will er and reduced m distances. This conduct a custo	range were s on Toyota's co cles with spec- ng specific pe mps that wer np impeller of vas exposed to uel pumps th not included ybrid models the exception ter a fail-safe otive power is does not pre- omer satisfac	sold in the U.S. urrent understa cific fuel pumps riods under spe- re produced wit of a type with lo o production so at were not pro- at this time. are equipped v n of LS500h and e driving mode, in which the vel- esent an unrease tion campaign f	within the above proc nding of the condition supplied by Denso, co- cific circumstances. ' h impellers of lower of wer surface strength lvent drying for longe duced under the afor vith the aforemention LC500h, if the condi- resulting in illuminat nicle can still be drive onable risk to safety. or these vehicles in th	n, this recall applies ontaining impellers These vehicles lensity and contain or (2) a pump er periods of time. ementioned ned fuel pumps. tion occurs, these ion of warning light n for certain Toyota intends to ne future.
Production Dates :	to actually cont stall while driv production con	ain the defec ing at higher dition of fuel	t. Whether the speeds depends pump impeller	e an estimate of the p issue in each case wil s on many variables, s and vehicle operatin	ll lead to a vehicle such as the specific
i i ouuction Duits.		NR	End: NR		Not sequential

Vehicle Type : Body Style :	2018-2019 Lexus RC350		
Power Train :	NR		
Descriptive Information :	vehicles in this range wer (2) Based on Toyota's to certain vehicles with sp produced during specific contain fuel pumps that we either (1) a pump impelled impeller that was exposed Vehicles with fuel pumps conditions are not included (3) Some hybrid mod However, with the except vehicles will enter a fail-s and reduced motive power distances. This does not p	e sold in the U.S. current understanding of the pecific fuel pumps supplied by periods under specific circum vere produced with impellers r of a type with lower surface to production solvent dryin that were not produced under ed at this time. els are equipped with the afo ion of LS500h and LC500h, if afe driving mode, resulting in er in which the vehicle can sti	s of lower density and contain e strength or (2) a pump of for longer periods of time. er the aforementioned prementioned fuel pumps. If the condition occurs, these n illumination of warning lights ill be driven for certain to safety. Toyota intends to
	to actually contain the def stall while driving at high	fect. Whether the issue in eac	variables, such as the specific
Production Dates :	NOV 27, 2017 - JAN 31, 20	019	
VIN Range 1:1	Begin : NR	End: NR	☐ Not sequential

20V-012

Page 20

Vehicle 20:	2017-2019 Lex	xus RX350			
Vehicle Type :					
Body Style :					
Power Train :	NR				
Descriptive Information :	vehicles in this (2) Based of to certain vehic produced durin contain fuel put either (1) a put impeller that w Vehicles with f conditions are (3) Some f However, with vehicles will en and reduced m distances. This	s range were sol on Toyota's cur cles with specif ng specific perio imps that were mp impeller of vas exposed to p fuel pumps that not included at nybrid models a the exception o nter a fail-safe d notive power in s does not prese	Id in the U.S. rent understan ic fuel pumps s ods under spec produced with a type with low oroduction solv were not produ- this time. re equipped with of LS500h and I riving mode, re- which the vehi- ent an unreason	ithin the above prod ding of the conditior upplied by Denso, co ific circumstances. T impellers of lower d ver surface strength of vent drying for longe uced under the afore th the aforemention LC500h, if the condit esulting in illuminati cle can still be driven nable risk to safety. ' r these vehicles in th	a, this recall applies ntaining impellers 'hese vehicles ensity and contain or (2) a pump r periods of time. mentioned ed fuel pumps. ion occurs, these on of warning light of for certain Foyota intends to
	to actually con stall while driv production cor	tain the defect. ving at higher sp ndition of fuel p	Whether the is beeds depends	an estimate of the p ssue in each case will on many variables, s and vehicle operating	lead to a vehicle uch as the specific
Production Dates : VIN Range 1 : 1		-JUL 25, 2019 NR	End: NR		Not sequential

20V-012

Vehicle 21 :	2018-2019 Lexus RX350	)L	
Vehicle Type :			
Body Style :			
Power Train :	NR		
Descriptive Information :	vehicles in this range we (2) Based on Toyota to certain vehicles with a produced during specific contain fuel pumps that either (1) a pump impell impeller that was expose Vehicles with fuel pump conditions are not inclue (3) Some hybrid mo However, with the excep vehicles will enter a fail- and reduced motive pow distances. This does not conduct a customer satis	ere sold in the U.S. 's current understanding of t specific fuel pumps supplied c periods under specific circu were produced with impelle ler of a type with lower surfa ed to production solvent dry s that were not produced un- ded at this time. dels are equipped with the a otion of LS500h and LC500h, safe driving mode, resulting ver in which the vehicle can s present an unreasonable ris sfaction campaign for these v is unable to provide an estim efect. Whether the issue in e	rs of lower density and contain ice strength or (2) a pump ing for longer periods of time. der the aforementioned forementioned fuel pumps. if the condition occurs, these in illumination of warning lights still be driven for certain sk to safety. Toyota intends to
	production condition of	fuel pump impeller and vehi	cle operating conditions.
Production Dates :	DEC 04, 2017 - MAY 08,	2019	
VIN Range 1:	Begin : NR	End: NR	Not sequential

Vehicle 22 :	2014-2014 Toy	ota FJ Cruis	ser	
Vehicle Type :	·			
Body Style :				
Power Train :	NR			
Descriptive Information :	vehicles in this (2) Based of to certain vehic produced durin contain fuel pur either (1) a pur impeller that w Vehicles with fue conditions are (3) Some hy However, with vehicles will en and reduced ma distances. This conduct a custo Note: Unknown to actually cont stall while drive	range were on Toyota's eles with sp ng specific p mps that we np impeller as exposed iel pumps t not include ybrid mode the excepti ter a fail-sa otive power does not p omer satisfa	e sold in the U.S. current understanding o ecific fuel pumps supplie periods under specific cir ere produced with impel of a type with lower sur to production solvent dr hat were not produced u d at this time. els are equipped with the on of LS500h and LC5001 fe driving mode, resultin r in which the vehicle car resent an unreasonable r action campaign for these unable to provide an est ect. Whether the issue in r speeds depends on mat	imate of the percentage of vehicle each case will lead to a vehicle ny variables, such as the specific
Production Dates :	-			nicle operating conditions.
VIN Range 1:		AUG 07, 20 NR	End: NR	☐ Not sequential
viiv Kalige 1.	Degin.	INIC	LIIU. INK	

<ul> <li>Vehicle 23: 2014-2015 Toyota Land Cruiser</li> <li>Vehicle Type : Body Style : Power Train : NR</li> <li>Descriptive Information : (1) Although the involved vehicles are within the above production period, i vehicles in this range were sold in the U.S.</li> <li>(2) Based on Toyota's current understanding of the condition, this recall app to certain vehicles with specific fuel pumps supplied by Denso, containing impel produced during specific periods under specific circumstances. These vehicles contain fuel pumps that were produced with impellers of lower density and con either (1) a pump impeller of a type with lower surface strength or (2) a pump impeller that was exposed to production solvent drying for longer periods of tim Vehicles with fuel pumps that were not produced under the aforementioned conditions are not included at this time.</li> <li>(3) Some hybrid models are equipped with the aforementioned fuel pumps. However, with the exception of LS500h and LC500h, if the condition occurs, the vehicles will enter a fail-safe driving mode, resulting in illumination of warning and reduced motive power in which the vehicle can still be driven for certain distances. This does not present an unreasonable risk to safety. Toyota intends conduct a customer satisfaction campaign for these vehicles in the future.</li> </ul>	plies llers ntain ne.
Body Style : Power Train :NRDescriptive Information :(1) Although the involved vehicles are within the above production period, i vehicles in this range were sold in the U.S. (2) Based on Toyota's current understanding of the condition, this recall apply to certain vehicles with specific fuel pumps supplied by Denso, containing impel produced during specific periods under specific circumstances. These vehicles contain fuel pumps that were produced with impellers of lower density and con either (1) a pump impeller of a type with lower surface strength or (2) a pump impeller that was exposed to production solvent drying for longer periods of tim Vehicles with fuel pumps that were not produced under the aforementioned conditions are not included at this time. (3) Some hybrid models are equipped with the aforementioned fuel pumps. However, with the exception of LS500h and LC500h, if the condition occurs, the vehicles will enter a fail-safe driving mode, resulting in illumination of warning and reduced motive power in which the vehicle can still be driven for certain distances. This does not present an unreasonable risk to safety. Toyota intends 	plies llers ntain ne.
Power Train :NRDescriptive Information :(1) Although the involved vehicles are within the above production period, is vehicles in this range were sold in the U.S. (2) Based on Toyota's current understanding of the condition, this recall apply to certain vehicles with specific fuel pumps supplied by Denso, containing impel produced during specific periods under specific circumstances. These vehicles contain fuel pumps that were produced with impellers of lower density and con either (1) a pump impeller of a type with lower surface strength or (2) a pump impeller that was exposed to production solvent drying for longer periods of tin Vehicles with fuel pumps that were not produced under the aforementioned conditions are not included at this time.(3) Some hybrid models are equipped with the aforementioned fuel pumps. However, with the exception of LS500h and LC500h, if the condition occurs, the vehicles will enter a fail-safe driving mode, resulting in illumination of warning and reduced motive power in which the vehicle can still be driven for certain distances. This does not present an unreasonable risk to safety. Toyota intends conduct a customer satisfaction campaign for these vehicles in the future.	plies llers ntain ne.
<ul> <li>vehicles in this range were sold in the U.S.</li> <li>(2) Based on Toyota's current understanding of the condition, this recall app to certain vehicles with specific fuel pumps supplied by Denso, containing impel produced during specific periods under specific circumstances. These vehicles contain fuel pumps that were produced with impellers of lower density and con either (1) a pump impeller of a type with lower surface strength or (2) a pump impeller that was exposed to production solvent drying for longer periods of tim Vehicles with fuel pumps that were not produced under the aforementioned conditions are not included at this time.</li> <li>(3) Some hybrid models are equipped with the aforementioned fuel pumps. However, with the exception of LS500h and LC500h, if the condition occurs, the vehicles will enter a fail-safe driving mode, resulting in illumination of warning and reduced motive power in which the vehicle can still be driven for certain distances. This does not present an unreasonable risk to safety. Toyota intends conduct a customer satisfaction campaign for these vehicles in the future.</li> </ul>	plies llers ntain ne.
	ese light
stall while driving at higher speeds depends on many variables, such as the speed production condition of fuel pump impeller and vehicle operating conditions. Production Dates : SEP 02, 2013 - MAR 11, 2015	cle
VIN Range 1 : Begin : NR End : NR 🗌 Not seque	entia

	2018-2019 Toyota	Highlander		
Vehicle Type :				
Body Style :				
Power Train :	NR			
Descriptive Information :	vehicles in this rang (2) Based on To to certain vehicles of produced during sp contain fuel pumps either (1) a pump in impeller that was e Vehicles with fuel p conditions are not i (3) Some hybri However, with the vehicles will enter a and reduced motive distances. This doe conduct a customer Note: Unknown. To to actually contain stall while driving a	ge were sold in the l byota's current under with specific fuel pur- pecific periods under that were produced mpeller of a type wit xposed to production oumps that were not included at this time d models are equipper exception of LS5001 a fail-safe driving m e power in which the es not present an un c satisfaction campation byota is unable to pre- the defect. Whether at higher speeds dep	erstanding of the condition imps supplied by Denso, of er specific circumstances. d with impellers of lower ith lower surface strength on solvent drying for long t produced under the afor	on, this recall applies ontaining impellers These vehicles density and contain or (2) a pump er periods of time. rementioned ned fuel pumps. tion occurs, these tion of warning lights en for certain Toyota intends to he future.
	NOV 08, 2017 - JUL	03, 2019		
Production Dates :			NR	Not sequential

Page 25

(2) to c pro con eith imp	Although the involv nicles in this range were s Based on Toyota's c certain vehicles with spe oduced during specific pe ntain fuel pumps that we her (1) a pump impeller of	sold in the U.S. urrent understanding of th cific fuel pumps supplied b criods under specific circur re produced with impellers	
Power Train : NR escriptive Information : (1) veh (2) to c pro com eith imp	Although the involv nicles in this range were s Based on Toyota's c certain vehicles with spe oduced during specific pe ntain fuel pumps that we her (1) a pump impeller of	sold in the U.S. urrent understanding of th cific fuel pumps supplied b criods under specific circur re produced with impellers	e condition, this recall applies by Denso, containing impellers nstances. These vehicles
escriptive Information : (1) veh (2) to c pro con eith imp	Although the involv nicles in this range were s Based on Toyota's c certain vehicles with spe oduced during specific pe ntain fuel pumps that we her (1) a pump impeller of	sold in the U.S. urrent understanding of th cific fuel pumps supplied b criods under specific circur re produced with impellers	e condition, this recall applies by Denso, containing impellers nstances. These vehicles
com (3) Hoy veh and dist com Not to a stal	hicles with fuel pumps the nditions are not included Some hybrid models wever, with the exception nicles will enter a fail-safe d reduced motive power tances. This does not pro- nduct a customer satisfact te: Unknown. Toyota is u actually contain the defect ll while driving at higher	o production solvent dryin at were not produced under at this time. s are equipped with the afor n of LS500h and LC500h, if e driving mode, resulting in in which the vehicle can st esent an unreasonable risk tion campaign for these ve unable to provide an estima- ct. Whether the issue in ea	e strength or (2) a pump ng for longer periods of time. er the aforementioned prementioned fuel pumps. f the condition occurs, these n illumination of warning lights ill be driven for certain to safety. Toyota intends to chicles in the future. ate of the percentage of vehicle ch case will lead to a vehicle variables, such as the specific
Production Dates : NO	V 07, 2017 - FEB 19, 201	9	
VIN Range 1 : Begi	in: NR	End: NR	Not sequential

20V-012

Page 26

Vehicle 26:	2018-2019 To	oyota Tundra			
Vehicle Type :		•			
Body Style :					
Power Train :	NR				
Descriptive Information :	<ul> <li>(1) Althouvelicles in thi</li> <li>(2) Based</li> <li>to certain velocity of the produced duration of the produc</li></ul>	s range were solu on Toyota's curr icles with specifi ing specific peric umps that were p imp impeller of a was exposed to p fuel pumps that e not included at hybrid models an the exception o enter a fail-safe d notive power in v is does not prese	d in the l rent unde c fuel pu ods unde produced type wi production were not this time re equipp f LS5001 riving m which th nt an un	erstanding of the condition mps supplied by Denso, or r specific circumstances. I with impellers of lower th lower surface strength on solvent drying for long t produced under the afo	on, this recall applies containing impellers These vehicles density and contain or (2) a pump ger periods of time. rementioned ned fuel pumps. ition occurs, these tion of warning lights en for certain Toyota intends to
Production Dates :	to actually cor stall while dri <sup>,</sup> production co	ntain the defect. ving at higher sp ndition of fuel pu	Whether eeds dep	rovide an estimate of the the issue in each case w bends on many variables, eller and vehicle operation	ill lead to a vehicle such as the specific
VIN Range 1:		- FEB 00, 2019 NR	End:	ND	Not sequential

20V-012

Page 27

	2018-2019 Lexus ES350		
Vehicle Type :			
Body Style :	ND		
Power Train :			
Descriptive Information :	vehicles in this range were (2) Based on Toyota's c to certain vehicles with spe produced during specific per contain fuel pumps that we either (1) a pump impeller impeller that was exposed t Vehicles with fuel pumps th conditions are not included (3) Some hybrid model However, with the exception vehicles will enter a fail-saft and reduced motive power distances. This does not pr	current understanding of the cific fuel pumps supplied by 2 eriods under specific circums re produced with impellers of of a type with lower surface s to production solvent drying nat were not produced under	condition, this recall applies Denso, containing impellers stances. These vehicles of lower density and contain strength or (2) a pump for longer periods of time. the aforementioned ementioned fuel pumps. he condition occurs, these llumination of warning light be driven for certain o safety. Toyota intends to
Production Dates ·	to actually contain the defease stall while driving at higher	unable to provide an estimate ct. Whether the issue in each speeds depends on many va l pump impeller and vehicle (	case will lead to a vehicle riables, such as the specific
Production Dates :		-	

Page 28

Vehicle 28 Vehicle Type Body Style			
Power Train			
Descriptive Information	<ul> <li>(1) Although the involvence of the investment of the inve</li></ul>	re sold in the U.S. s current understanding of to pecific fuel pumps supplied periods under specific circu- vere produced with impelle er of a type with lower surfa- d to production solvent dry- that were not produced un- ed at this time. els are equipped with the a- tion of LS500h and LC500h, afe driving mode, resulting er in which the vehicle can s- present an unreasonable ris- faction campaign for these v s unable to provide an estir fect. Whether the issue in e	rs of lower density and contain ice strength or (2) a pump ing for longer periods of time. der the aforementioned forementioned fuel pumps. if the condition occurs, these in illumination of warning lights still be driven for certain sk to safety. Toyota intends to rehicles in the future. nate of the percentage of vehicle ach case will lead to a vehicle y variables, such as the specific
Production Dates	· SED 09 2012 EFR 10 20	15	
		End: NR	□ Not sequential
Production Dates VIN Range 1	- : SEP 02, 2013 - FEB 19, 20 : Begin : NR		☐ Not sequentia

Page 29

(2) to pro- con eit im Ve con (3) Ho ve an dis con	Although the involution hicles in this range were Based on Toyota' certain vehicles with s oduced during specific ntain fuel pumps that we ther (1) a pump impelle peller that was expose whicles with fuel pumps nditions are not includ	s current understandin pecific fuel pumps sup periods under specific were produced with im er of a type with lower ed to production solver s that were not produce led at this time. dels are equipped with tion of LS500h and LC safe driving mode, resu er in which the vehicle present an unreasonal	ng of the condition, oplied by Denso, con c circumstances. The npellers of lower de c surface strength or nt drying for longer ed under the aforen the aforementioned 500h, if the condition ulting in illumination e can still be driven	this recall applies taining impellers ese vehicles nsity and contain (2) a pump periods of time. nentioned d fuel pumps. on occurs, these n of warning lights for certain
Power Train : NF escriptive Information : (1) ve (2) to pr coi eit im Ve coi (3) Ho ve an dis coi	) Although the invo hicles in this range we ) Based on Toyota' certain vehicles with s oduced during specific ntain fuel pumps that we her (1) a pump impelle peller that was expose hicles with fuel pumps nditions are not includ ) Some hybrid mod owever, with the excep hicles will enter a fail-s d reduced motive pow stances. This does not	re sold in the U.S. 's current understanding pecific fuel pumps sup periods under specific were produced with in er of a type with lower ed to production solver s that were not produce led at this time. dels are equipped with tion of LS500h and LC safe driving mode, resu- rer in which the vehicle present an unreasonal	ng of the condition, oplied by Denso, con c circumstances. The npellers of lower de c surface strength or nt drying for longer ed under the aforen the aforementioned 500h, if the condition ulting in illumination e can still be driven	this recall applies taining impellers ese vehicles nsity and contain (2) a pump periods of time. nentioned d fuel pumps. on occurs, these n of warning lights for certain
escriptive Information : (1) ve (2) to pro- con eit im Ve con (3) Ho ve an dis con	) Although the invo hicles in this range we ) Based on Toyota' certain vehicles with s oduced during specific ntain fuel pumps that we her (1) a pump impelle peller that was expose hicles with fuel pumps nditions are not includ ) Some hybrid mod owever, with the excep hicles will enter a fail-s d reduced motive pow stances. This does not	re sold in the U.S. 's current understanding pecific fuel pumps sup periods under specific were produced with in er of a type with lower ed to production solver s that were not produce led at this time. dels are equipped with tion of LS500h and LC safe driving mode, resu- rer in which the vehicle present an unreasonal	ng of the condition, oplied by Denso, con c circumstances. The npellers of lower de c surface strength or nt drying for longer ed under the aforen the aforementioned 500h, if the condition ulting in illumination e can still be driven	this recall applies taining impellers ese vehicles nsity and contain (2) a pump periods of time. nentioned d fuel pumps. on occurs, these n of warning lights for certain
ve. (2) to pro- con eit im Ve con (3) Ho ve. an dis con	hicles in this range were ) Based on Toyota' certain vehicles with s oduced during specific ntain fuel pumps that we ther (1) a pump impelled peller that was expose thicles with fuel pumps nditions are not includ ) Some hybrid mod owever, with the excep hicles will enter a fail-s d reduced motive pow stances. This does not	re sold in the U.S. 's current understanding pecific fuel pumps sup periods under specific were produced with in er of a type with lower ed to production solver s that were not produce led at this time. dels are equipped with tion of LS500h and LC safe driving mode, resu- rer in which the vehicle present an unreasonal	ng of the condition, oplied by Denso, con c circumstances. The npellers of lower de c surface strength or nt drying for longer ed under the aforen the aforementioned 500h, if the condition ulting in illumination e can still be driven	this recall applies taining impellers ese vehicles nsity and contain (2) a pump periods of time. nentioned d fuel pumps. on occurs, these n of warning lights for certain
to sta	ote: Unknown. Toyota actually contain the de all while driving at high oduction condition of f	is unable to provide ar efect. Whether the issu her speeds depends on	n estimate of the per 1e in each case will l 1 many variables, sue	future. ccentage of vehicle ead to a vehicle ch as the specific
Production Dates : 00	CT 06 2017 - JAN 31. 20	019		
VIN Range 1 : Beg		End: NR		Not sequential

20V-012

Vehicle 30 :	2018-2019 Lexus LS500		
Vehicle Type :			
Body Style :			
Power Train :	NR		
Descriptive Information :	vehicles in this range we (2) Based on Toyota to certain vehicles with s produced during specific contain fuel pumps that either (1) a pump impell impeller that was expose Vehicles with fuel pumps conditions are not includ (3) Some hybrid mo However, with the excep vehicles will enter a fail- and reduced motive pow distances. This does not conduct a customer satis	ere sold in the U.S. 's current understanding of t specific fuel pumps supplied l c periods under specific circu were produced with impeller er of a type with lower surface ed to production solvent dryi s that were not produced und led at this time. dels are equipped with the aff otion of LS500h and LC500h, safe driving mode, resulting is ver in which the vehicle can s present an unreasonable rist sfaction campaign for these v	rs of lower density and contain ce strength or (2) a pump ng for longer periods of time. der the aforementioned <sup>C</sup> orementioned fuel pumps. if the condition occurs, these in illumination of warning light till be driven for certain k to safety. Toyota intends to ehicles in the future.
	to actually contain the destall while driving at hig	efect. Whether the issue in ea	hate of the percentage of vehicle ach case will lead to a vehicle variables, such as the specific cle operating conditions.
Production Dates :	OCT 30, 2017 - JAN 31, 2	019	
	Begin : NR	End: NR	Not sequentia

20V-012

Vehicle 31:	2014-2015 Lexus	LX570		
Vehicle Type :				
Body Style :				
Power Train :	NR			
Descriptive Information :	vehicles in this ra (2) Based on to certain vehicles produced during a contain fuel pump either (1) a pump impeller that was Vehicles with fuel conditions are no (3) Some hyb However, with the vehicles will enter and reduced motif distances. This definition	nge were sold in the U. Foyota's current under swith specific fuel pun specific periods under is that were produced impeller of a type with exposed to production pumps that were not p included at this time. cid models are equipped exception of LS500h a fail-safe driving mod we power in which the pes not present an unre-	re within the above pro S. rstanding of the condition ps supplied by Denso, specific circumstances with impellers of lower h lower surface strengt n solvent drying for lon produced under the afore ed with the aforemention and LC500h, if the cond de, resulting in illumina vehicle can still be drive easonable risk to safety gn for these vehicles in	ion, this recall applies containing impellers . These vehicles r density and contain th or (2) a pump ger periods of time. orementioned oned fuel pumps. dition occurs, these ation of warning light ven for certain y. Toyota intends to
Production Dates :	to actually contain stall while driving production condit SEP 02, 2013 - MA	n the defect. Whether to at higher speeds depe ion of fuel pump impe R 11, 2015	ovide an estimate of the the issue in each case v ends on many variables ller and vehicle operati	vill lead to a vehicle s, such as the specific ing conditions.
VIN Range 1:1	Segin :	NR End: I	NR	Not sequential

20V-012

Vehicle 32 :	2015-2015 Lez	xus NX200t		
Vehicle Type :				
Body Style :				
Power Train :	NR			
Descriptive Information :	vehicles in this (2) Based to certain vehi produced duri contain fuel pu either (1) a pu impeller that v Vehicles with f conditions are (3) Some F However, with vehicles will ef and reduced m distances. Thi conduct a cust	s range were on Toyota's cles with spe ng specific p imps that we mp impeller vas exposed fuel pumps t not included the exception the exception ther a fail-sa notive powen s does not pro omer satisfa	sold in the U.S. current understanding of ecific fuel pumps supplie eriods under specific cir- ere produced with impel- of a type with lower sur- to production solvent dr hat were not produced u d at this time. Is are equipped with the on of LS500h and LC500 fe driving mode, resulting in which the vehicle can resent an unreasonable is ction campaign for these unable to provide an es-	the above production period, not a of the condition, this recall applies ed by Denso, containing impellers recumstances. These vehicles llers of lower density and contain face strength or (2) a pump rying for longer periods of time. Inder the aforementioned e aforementioned fuel pumps. wh, if the condition occurs, these ng in illumination of warning light n still be driven for certain risk to safety. Toyota intends to e vehicles in the future. timate of the percentage of vehicle n each case will lead to a vehicle any variables, such as the specific
				hicle operating conditions.
Production Dates :		,		
VIN Range 1:1	Begin :	NR	End: NR	Not sequentia

20V-012

Page 33

Vehicle 33 :	2018-2019 Lexus RC300	
Vehicle Type :		
Body Style :		
Power Train :	NR	
Descriptive Information :	<ol> <li>Although the involved vehicles are within the above hicles in this range were sold in the U.S.</li> <li>Based on Toyota's current understanding of the c to certain vehicles with specific fuel pumps supplied by D produced during specific periods under specific circumst contain fuel pumps that were produced with impellers of either (1) a pump impeller of a type with lower surface st impeller that was exposed to production solvent drying for Vehicles with fuel pumps that were not produced under the conditions are not included at this time.</li> <li>Some hybrid models are equipped with the aforem However, with the exception of LS500h and LC500h, if th vehicles will enter a fail-safe driving mode, resulting in ill and reduced motive power in which the vehicle can still the distances. This does not present an unreasonable risk to conduct a customer satisfaction campaign for these vehicles.</li> </ol>	ondition, this recall applies enso, containing impellers ances. These vehicles Tower density and contain rength or (2) a pump or longer periods of time. he aforementioned mentioned fuel pumps. e condition occurs, these umination of warning light be driven for certain safety. Toyota intends to
	Note: Unknown. Toyota is unable to provide an estimate to actually contain the defect. Whether the issue in each stall while driving at higher speeds depends on many var production condition of fuel pump impeller and vehicle o	case will lead to a vehicle iables, such as the specific
Production Dates :	NOV 27, 2017 - JAN 31, 2019	
VIN Range 1:1		Not sequentia

Page 34

Vehicle Ty Vehicle Ty Body Sty Power Tra Descriptive Information	<ul> <li>NR</li> <li>(1) Although the involved vehicles are within the above production period, not all vehicles in this range were sold in the U.S.</li> <li>(2) Based on Toyota's current understanding of the condition, this recall applies to certain vehicles with specific fuel pumps supplied by Denso, containing impellers produced during specific periods under specific circumstances. These vehicles contain fuel pumps that were produced with impellers of lower density and contain either (1) a pump impeller of a type with lower surface strength or (2) a pump impeller that was exposed to production solvent drying for longer periods of time. Vehicles with fuel pumps that were not produced under the aforementioned conditions are not included at this time.</li> <li>(3) Some hybrid models are equipped with the aforementioned fuel pumps. However, with the exception of LS500h and LC500h, if the condition occurs, these vehicles will enter a fail-safe driving mode, resulting in illumination of warning lights and reduced motive power in which the vehicle can still be driven for certain distances. This does not present an unreasonable risk to safety. Toyota intends to</li> </ul>
Production Dat	<ul> <li>conduct a customer satisfaction campaign for these vehicles in the future.</li> <li>Note: Unknown. Toyota is unable to provide an estimate of the percentage of vehicles to actually contain the defect. Whether the issue in each case will lead to a vehicle stall while driving at higher speeds depends on many variables, such as the specific production condition of fuel pump impeller and vehicle operating conditions.</li> <li>NOV 20, 2017 - FEB 14, 2019</li> </ul>
VIN Range	

#### **Description of Defect :**

Description of the Defect :	The subject vehicles are equipped with a low-pressure fuel pump, located in the fuel tank, that supplies fuel pressure to the fuel injection system. These fuel pumps may include impellers which have been manufactured with lower density. If these impellers are also (1) of a type with lower surface strength or (2) of a different type but were exposed to production solvent drying for longer periods of time, higher levels of surface cracking may occur. In this condition, excessive fuel absorption may occur, resulting in increased impeller deformation. In some cases, the impeller may deform to a point that creates sufficient interference with the fuel pump body to cause the fuel pump to become inoperative. An inoperative fuel pump due to these conditions could result in illumination of check engine and master warning indicators, rough engine running, engine no start and/or vehicle stall while driving at low speed. However, in rare instances, vehicle stall could occur while driving at higher speeds, increasing the risk of a crash.

FMVSS 1 :	
FMVSS 2 : Description of the Safety Risk :	
Description of the Cause :	
Identification of Any Warning that can Occur :	NR
Involved Components :	
Component Name 1 : M	٩R
Component Description : N	JR
Component Part Number : M	JR
Supplier Identification :	
Component Manufacturer	
Name : Denso Corporation	1
Address : 1-1, Showa-cho	
Kariya-city, Aichi H	FOREIGN STATES 448-8661
Country : Japan	
Chronology :	
Please see the attached Amend	ded Part 573 Defect Information Report for the full chronology

#### **Description of Remedy :**

Description of Remedy Program :	All known owners of the affected Toyota and Lexus vehicles will be notified by first class mail to return their vehicles to a Toyota or Lexus dealer. Dealers will replace the fuel pump assembly with an improved one. The owner letter will instruct vehicle owners who have paid to have this condition remedied prior to this campaign to seek reimbursement pursuant to Toyota's General Reimbursement Plan.
	Reimbursement Plan for pre-notification remedies: The owner letter will instruct vehicle owners who have paid to have this condition remedied prior to this campaign to seek reimbursement pursuant to Toyota's General Reimbursement Plan.
How Remedy Component Differs from Recalled Component :	See attached Amended Part 573 Defect Information Report.
Identify How/When Recall Condition was Corrected in Production :	NR

#### **Recall Schedule :**

Description of Recall Schedule :	Owners of vehicles currently included in the recall, that were not included in the amendment on March 4, 2020, will be notified by May 18,
	2020. Owners of vehicles included in the amendment on March 4, 2020,
	that were not included in the original recall population on January 13,
	2020, will be notified by May 3, 2020. Owners of the vehicles that were
	originally covered by this recall (as filed on January 13) and are still
	covered by this recall, as amended, were notified by March 13, 2020.
	Notifications to distributors/dealers were sent by March 19, 2020.
	Copies of dealer communications will be submitted as they are issued.
Planned Dealer Notification Date :	MAR 19, 2020 - MAR 19, 2020
Planned Owner Notification Date :	MAR 13, 2020 - MAY 18, 2020

#### \* NR - Not Reported