

DIGI-LINK Smart Security COMPATIBILITY (1480/540)

★Recommended Installation Option: NS-4 or NT-4 connectors make CAN-H/L connections fast, easy & secure.

★Useful Enhancement: TR537S Two-way Paging Remote offers detailed notifications and control.

TOYOTA

This document applies to 1480/540 Control Module OS FIRMWARE T39 or newer ONLY!

IMPORTANT ○=Compatible

Current as of: Jan.18,2019

Car Make	Car Model	Car Year	Must have SMART !	Keyless Compatibility NOTES	OPTIONAL TR537S Paging System	CAN Connection	ADDITIONAL IMPORTANT NOTES		Relay Attack Prevention	
							Notes about vehicle we tested	1480/540 Vehicle Firmware (same for all)		
IQ	#GJ10	2008.11 ~ 2016.03	Must Have SMART		Paging System is Compatible, but no Door Lock Control via CAN	OBD	• Door Lock Control by TR537S Pager requires optional 318-16R but will work on only cars <u>without</u> a factory alarm; and if Armed with factory keyless and later Disarmed with the Pager, doors won't unlock. • Speed-Lock does NOT function on any car listed below.			TOYOTA_RAB2_V6_0
C-HR	ZYX10, NGX50	2016.12 ~				2wire ▼	※No Hazard Flash while Ignition is ON, even with programmable features 3 or 4 or 7 enabled. ※Optional NS-4 Pos/Tan connectors required for CAN wire connections. ※When installing Starter Kill, use optional KDR-2B Starter Kill Relay.			
RAV4	ACA3#W	2005.11 ~ 2016.07				OBD				
SAI	AZK10	2009.12 ~ 2017.12				OBD				
Aqua	NHP10	2011.12 ~ 2015.10				OBD	※Hazard Flash is NOT possible while Ignition = ON. (IG Protected Mode triggers, Remote Start Operation, Door Trigger while IG=ON)	SMART key equipped		
	NHP10 TSS & SMART key	2015.11 ~				2wire ▼	※TSS equipped vehicles require optional NS-4 Pos/Tan connectors for CAN wire connections.	TSS-C equipped		
Avensis	ZRT272W	2011.06 ~ 2018.04				OBD	Car maker made minor changes to car after Oct. 2015 and we have not checked those models.			
Allion	NZT260, ZRT26#	2007.06 ~ 2014.09				OBD				
	NZT260	2014.10 ~ 2016.05				2wire ▼	※TSS equipped vehicles require optional NS-4 Pos/Tan connectors for CAN wire connections.	1500cc i-stop		
	NZT260 TSS equipped	2016.06 ~						TSS-C equipped		
Alphard Alphard Hybrid	GGH2#W, ANH2#W ATH20W	2008.05 ~ 2015.01				OBD	※Because vehicle battery voltage is unstable, we recommend the UPS-33.			
	GGH3#W, AGH3#W AYH30W	2015.01 ~ 2017.12				OBD	Note 1: Factory Alarm & Mirror Closer not controlled by optional Pager. Hazard Flash Feature: Not possible while Ignition = ON. (IG Protected Mode triggers, Remote Start Operation, Door Trigger while IG=ON)	※UPS-33 recommended for non-HV cars. ※When installing Starter Kill, use optional KDR-2B Starter Kill Relay.		
	GGH3#W, AGH3#W AYH30W TSS equipped	2018.01 ~				2wire ▼	※Hood-open detection OK. ※Open Back Door only after Unlocking. ※Optional NT-4 Pos/Tan Connectors required.	Feb. 2018 GGH30W		
IST (xA)	NCP11#, ZSP110	2007.07 ~ 2016.04				OBD				
WISH	ZGE2#W	2009.04 ~ 2017.10				OBD				
Vanguard	ACA33W, GSA33W	2007.08 ~ 2013.11				OBD				
Vitz	KSP90, SCP90, NCP9#	2005.02 ~ 2010.12				OBD				
	KSP130, NSP13# NCP131	2010.12 ~ 2015.07 ~				OBD	※Hazard Flash Feature: Not possible while Ignition = ON. (IG Protected Mode triggers, etc.) ※June 30, 2015 & later models: Cars with TSS must connect CAN wires separately (cannot use OBD for CAN)	SMART key equipped		
Vitz Hybrid	NHP130 TSS equipped	2017.01 ~				2wire ▼	※Hazard Flash Feature: Not possible while Ignition = ON. (IG Protected Mode triggers, etc.) ※Optional NS-4 Pos/Tan connectors required for CAN connections. ※TSS-C equipped vehicle.	TSS-C equipped		
Vellfire Vellfire Hybrid	GGH2#W, ANH2#W ATH20W	2008.05 ~ 2015.01				OBD	※UPS-33 recommended for non-HV cars.			
	GGH3#W, AGH3#W AYH30W	2015.01 ~ 2017.12	OBD	Note 1: Factory Alarm & Mirror Closer not controlled by optional Pager. Hazard Flash Feature: Not possible while Ignition = ON. (IG Protected Mode triggers, Remote Start Operation, Door Trigger while IG=ON)	※UPS-33 recommended for non-HV cars. ※When installing Starter Kill, use optional KDR-2B Starter Kill Relay.					
	GGH3#W, AGH3#W AYH30W TSS equipped	2018.01 ~	2wire ▼	※Hood-open detection possible. ※Open Back Door only after Unlocking. ※NT-4 Pos/Tan Connectors required.	Feb. 2018 GGH30W					

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Car Make	Car Model	Car Year	Must have SMART !	Keyless Compatibility NOTES	OPTIONAL TR537S Paging System	CAN Connection	ADDITIONAL IMPORTANT NOTES	Relay Attack Prevention				
								Notes about vehicle we tested	1480/540 Vehicle Firmware (same for all)			
VOXY VOXY Hybrid	ZRR7#G, ZRR7#W	2007.06 ~ 2014.01	Must Have SMART		Paging System is Compatible, but no Door Lock Control via CAN	OBD	On Power BackDoor equipped cars, always Disarm the 1480/540 before opening BackDoor.	TOYOTA_RAB2_V6_0				
	ZRR8#G, ZRR8#W ZWR80G	2014.01 ~ 2015.12 2016.01 ~				Also Arms on Reservation Lock	OBD			※Hazard Flash Feature: Not possible while Ignition = ON. (IG Protected Mode triggers, etc.) ※Optional NS-4 PostTap connectors required for CAN connections. ※Jan.2016 & newer cars: KDR-2B required for Starter Kill.	2014.1 Had SMART 2014.3 Hybrid Had TSS or car maker optional navigation	
Esquire Esquire Hybrid	ZRR8#G, ZRR8#W ZWR80G	2014.10 ~ 2015.12 2016.01 ~				Also Arms on Reservation Lock	OBD			※Hazard Flash Feature: Not possible while Ignition = ON. (IG Protected Mode triggers, etc.) ※Optional NS-4 PostTap connectors required for CAN connections. ※Jan.2016 & newer cars: KDR-2B required for Starter Kill.	Had TSS	
	Estima Estima Hybrid	ACR5#, GSR5# AHR20W				2006.01 ~ 2016.05 2006.06				OBD	On Power BackDoor equipped cars, always Disarm the 1480 before opening BackDoor.	
ACR50W TSS equipped AHR20W TSS equipped		2016.06 ~					2wire ▼			※No Hazard Flashing feature. ※Optional NS-4 connectors required for CAN wire connections. ※Hazard Flash OK, except when Ignition ON. ※NS-4 required.	Had TSS Mar.2017	
Auris	NZE15#H, ZRE15#H	2006.10 ~ 2012.08								OBD		
	N#E18#H, ZRE186H	2012.08 ~ 2018.03								OBD	※Hazard Flash Feature: Not possible while Ignition = ON. (IG Protect Mode triggers, etc.)	Had SMART Apr.2015, model 120T
Camry	ACV4#	2006.01 ~ 2011.08								OBD	Hazard Flash Feature: Not possible while Ignition = ON. (IG Protected Mode triggers, etc.)	
	AVV50 AXVH70	2011.09 ~ 2017.06 2017.07 ~								OBD 2wire ▼	※Hazard Flash is impossible. ※Optional NS-4 PostTap connectors required for CAN connections ※Use KDR-2B for Starter Kill.	Nov.2017
Corolla AXIO	NZE14#, ZRE14#	2006.10 ~ 2012.04								OBD	Grade "X": Incompatible with Trunk Open.	
Corolla Fielder	NZE14#G, ZRE14#G	2006.10 ~ 2012.04								OBD	※MT cars don't support Auto Speed-Lock.	
	NRE161G, NZE16#G ZRE162G	2012.05 ~ 2017.09 2017.10								OBD 2wire ▼	※Hazard Flash Feature: Not possible while Ignition ON. (IG Protected Mode triggers, etc.) ※Optional NS-4 PostTap connectors required for CAN connections.	Had SMART
Corolla Sports	NRE21#H, ZWE211H	2018.06 ~								2wire ▼	※Hazard Flash Feature: Not possible while Ignition ON. (IG Protected Mode triggers, etc.) ※Optional NS-4 required.	Had SMART
Corolla Lumion	NZE151N, ZRE15#N	2007.10 ~ 2015.12								OBD		
Crown Crown Hybrid	GRS20#, GWS204	2008.02 ~ 2012.11								OBD		
	GRS21#, AWS210, ARS210 GRS21#, AWS210, ARS210 TSS equipped	2012.12 ~ 2016.08 2016.08 ~ 2018.05								OBD 2wire ▼	※Hazard Flash Feature: Not possible while Ignition ON. (IG Protected Mode triggers, etc.) ※Aug.2016 and later vehicles have TSS. ※Optional NS-4 PostTap connectors required for CAN connections.	2015 2.0L Turbo Aug.2016 Hybrid with TSS
Sienta Sienta Hybrid	P170G	2015.07 ~ 2018.08					Also Arms on Reservation Lock			OBD	※Hazard Flash Feature: Not possible while Ignition ON. (IG Protected Mode triggers, etc.)	Had SMART
		2018.09 ~								2wire ▼	※Sept.2018 & newer models require Optional NS-4 Post-Tap connectors for CAN connections.	Had SMART
Spade	NSP140, NCP14#	2012.07 ~ 2016.06					Also Arms on Reservation Lock			OBD	※Hazard Flash Feature: Not possible while Ignition ON. (IG Protected Mode triggers, etc.)	Had SMART
	P14# TSS equipped	2016.07 ~								2wire ▼	※Optional NS-4 PostTap connectors required for CAN connections.	Had SMART & TSS
Noah Noah Hybrid	ZRR7#G, ZRR7#W	2007.06 ~ 2014.01			OBD	On Power BackDoor equipped cars, Disarm the 1480 before opening BackDoor.						
	ZRR8#G, ZRR8#W ZWR80G	2014.01 ~ 2015.12 2016.01 ~		Also Arms on Reservation Lock	OBD 2wire ▼	※Hazard Flash Feature: Not possible while Ignition ON. (IG Protected Mode triggers, etc.) ※Optional NS-4 PostTap connectors required for CAN connections. ※Jan.2016 & newer cars: Use KDR-2B for Starter Kill.	Jan.2014 with SMART Mar.2014 Hybrid Had TSS or car maker optional navigation					

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Car Make	Car Model	Car Year	Must have SMART !	Keyless Compatibility NOTES	OPTIONAL TR537S Paging System	CAN Connection	ADDITIONAL IMPORTANT NOTES	Relay Attack Prevention		
								Notes about vehicle we tested	1480/540 Vehicle Firmware (same for all)	
Hi-ACE	H20#V, H21#K H22#B, H22#W	2013.11 ~ 2017.11	Must Have SMART		Paging System is Compatible, but no Door Lock Control via CAN	OBD	<ul style="list-style-type: none"> Door Lock Control by TR537S Pager requires optional 318-16R but will work on cars without a factory alarm; and if Armed with factory keyless and later Disarmed with the Pager, doors won't unlock. Speed-Lock does NOT function on any car listed below. 	Had SMART & Push Start Ignition	TOYOTA_RAB2_V6_0	
		2017.12 ~				2wire ▼	<ul style="list-style-type: none"> Hazard Flash via CAN is impossible, but using the optional KCM-1 will flash Hazards when Siren chirps. Hi-ACE Type-4 requires our build-to-order T48 OS firmware for 1480/540. This car has unstable power. We recommend installing a UPS-33 to provide stable power to the 1480. Hood-open Detection OK. ※No Hazard Flash functionality unless you install the optional KCM-1. △Door Lock Control by optional remote impossible. ※Optional NT-4 PostTap connectors required for CAN connections. 	Feb. 2018 Had SMART		
Hi-Lux	GUN125	2017.08 ~				2wire ▼	<ul style="list-style-type: none"> Hazard Flash Feature: Not possible while Ignition ON. (IG Protected Mode triggers, etc) ※Optional NT-4 PostTap connectors required for CAN connections. 	Had SMART		
Harrier Harrier Hybrid	ZSU60W AVU65W	2013.12 ~ 2017.05				OBD	<ul style="list-style-type: none"> Hazard Flash Feature: Not possible while Ignition ON. (IG Protected Mode triggers, etc) Hood-open Detection possible. ※Optional Starter Kill requires purchase of the KDR-2B. 	Had Factory Alarm		
	U6#W TSS equipped	2017.06 ~				2wire ▼	<ul style="list-style-type: none"> Vehicle has TSS. ※Optional NT-4 PostTap connectors required for CAN connections. 	Jul. 2017, 2.0L		
Blade	AZE15#H, GRE156H	2006.12 ~ 2012.04				OBD				
Premio	NZT260, ZRT26#	2007.06 ~ 2014.09				OBD	Trunk-open detection not possible.			
	NZT260	2014.10 ~ 2016.05				2wire ▼	<ul style="list-style-type: none"> Car models with TSS-C require optional NT-4 PostTap connectors for the CAN connections. 	1500cc i-stop		
	NZT260 TSS equipped	2016.06 ~					<ul style="list-style-type: none"> Car models with TSS-C require optional NT-4 PostTap connectors for the CAN connections. 	Had TSS-C		
Prius Prius PHV	ZVW30	2009.05 ~ 2015.11				OBD	NOTE1 (see right)	NOTE1: Cars with Solar Ventilation System & Remote AC must set the 1480's Feature No.3 to RSCM.		
	ZVW35	2012.01 ~ 2017.01				2wire ▼	NOTE1 (see right)	<ul style="list-style-type: none"> Cars with a factory alarm and Remote AC have Hood-open detection and triggering (as a door). See important ★ note at bottom about hood/bonnet pin switch problem. 		
	ZVW5#	2015.12 ~						<ul style="list-style-type: none"> Hood-open detection and triggering is possible (as a door). ※Optional NT-4 required for CAN connections. 		
	ZVW52	2017.02 ~						<ul style="list-style-type: none"> Hazard Flash Feature: Not possible while Ignition ON. (IG Protected Mode triggers, etc) NOTE1: Cars with Remote AC must program the 1480's Feature No.3 to RSCM. ※Optional Starter Kill requires purchase of the KDR-2B. 		
Prius α (Alpha)	ZVW4#	2011.05 ~ 2016.04				OBD		<ul style="list-style-type: none"> Hazard Flash Feature: Not possible while Ignition ON. (IG Protected Mode triggers, etc) 		No Radar Cruise
	ZVW4# No Radar Cruise	2016.05 ~ 2017.11				2wire ▼		<ul style="list-style-type: none"> See important ★ note at bottom about hood/bonnet pin switch problem. 		Had Radar Cruise
	ZVW4# Has Radar Cruise						<ul style="list-style-type: none"> May 2016 and newer models with Radar Cruise & TSS require optional NT-4 PostTap connectors for CAN connections. 	Had TSS-P		
	ZVW4# TSS equipped	2017.12 ~								
Belta	KSP92, SCP92, NCP96	2005.11 ~ 2012.06	OBD		<ul style="list-style-type: none"> Grade-X models do not have Trunk-open detection. 					
Porte	NSP140, NCP14 #	2012.07 ~ 2016.06	OBD	Also Arms on Reservation Lock	<ul style="list-style-type: none"> Hazard Flash Feature: Not possible while Ignition ON. (IG Protected Mode triggers, etc) 	Had SMART				
	P14# TSS equipped	2016.07 ~	2wire ▼		<ul style="list-style-type: none"> Optional NT-4 PostTap connectors required for CAN connections. 	Had SMART & TSS				
Mark X	GRX13#	2009.10 ~ 2016.10	OBD							
	GRX13# TSS equipped	2016.11 ~	2wire ▼		<ul style="list-style-type: none"> Vehicle has TSS-C. ※Optional NT-4 PostTap connectors required for CAN connections. 	Dec. 2016, 250S Had TSS				
Mark X Zio	ANA1#, GGA10	2007.09 ~ 2013.11	OBD							
Ractis	SCP100, NCP10#	2005.10 ~ 2010.11	OBD							
	NSP12#, NCP12#	2010.11 ~ 2016.08	OBD		<ul style="list-style-type: none"> Hazard Flash Feature: Not possible while Ignition ON. (IG Protected Mode triggers, etc) 	Had SMART				

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								Notes about vehicle we tested	1480/540 Vehicle Firmware (same for all)		
Land Cruiser	UZJ200W, URJ202W	2007.09 ~ 2015.07	Must Have SMART	Also Arms on Reservation Lock	Paging System is Compatible, but no Door Lock Control via CAN	OBD	* Door Lock Control by TR537S Pager requires optional 318-16R but will work on cars without a factory alarm; and if Armed with factory keyless and later Disarmed with the Pager, doors won't unlock. * Speed-Lock does NOT function on any car listed below. ※This vehicle has unstable 12V power, so we recommend the UPS-33. ※Hood-open detection possible. ※Hazard Flash Feature: Not possible while Ignition ON. (IG Protected Mode triggers, etc) ※Optional NT-4 Posi-Tap connectors required for CAN connections. ※UPS-33 recommended. ※Hazard Flash doesn't work when using an optional remote. ※KDR-2B required for Starter Kill.	Apr. 2016, ZX	TOYOTA_RAB2_V6_0		
		2015.08 ~				2wire ▼					
Land Cruiser Prado	J15#W, GDJ150W	2009.09 ~ 2017.08				NOTE1 (see right)		OBD		※Back door glass hatch-open detection OK. ※Speed-Lock unconfirmed ※Factory alarm compatible. ※Hood-open detection possible. ※UPS-33 recommended. ※Hazard Flash Feature: Not possible while Ignition ON. (IG Protected Mode triggers, etc) Note 1: Back door glass hatch-open detection is not possible, so Disarm before opening hatch. ※Optional NT-4 Posi-Tap connectors required for CAN connections.	Aug. 2015 Diesel
	J15#W TSS equipped	2017.09 ~						2wire ▼			Sep. 2017, Had TSS GDJ151W
Legius ACE	H20#V, H21#K	2013.11 ~ 2017.11						OBD		Hazard Flash not possible by CAN, but the optional KCM-1 can flash Hazards during siren blast. Legius-ACE Type-4 requires our build-to-order 1480-T48. ※UPS-33 recommended because 12V power on this vehicle is unstable.	Had SMART & Push Start Ignition
		2017.12 ~						2wire ▼			Feb. 2018 Had SMART

★ Some Prius ZVW30/35 & Prius Alpha ZVW40 cars lacking Remote A/C and Solar Ventilation features have a problem whereby there is no factory hood/bonnet pin switch installed and the vehicle programmed to not report the state of the hood/bonnet via CAN. This causes problems for our TOYOTA_RAB2_V6_0 firmware such that you may hear an Error Chirp when arming. If that chirp annoys you, the solution is to connect an optional hood/bonnet switch to the factory pin switch wire pair in the engine compartment. The factory pin switch wire pair (WHT & WHT/BLK for ZVW30) should be bundled near the window washer tank's cap, in back of the right headlight (when looking out the front window). If a factory pin switch exists, it will be found near the hood opener switch.

▼ Always use NS-4 or NT-4 (Posi-Tap 4-pack) connectors when connecting directly to CAN wires.

NOTE: Although a vehicle may be compatible above, minor vehicle changes by car maker or dealer can result in partial or complete malfunction of the 1480.

NOTE: We cannot guarantee proper 1480 operation if 3rd party CAN devices are connected at the same time. The 1480 will not cause malfunction, but other products may cause 1480 malfunction.

NOTE: Vehicles with Power Sliding Door RESERVATION LOCK function: 1480 will Arm but an audible Error Chirp may be heard.

NOTE: Some 1480 functions may be disabled depending on various car settings.

User-programmable Relay Attack Countermeasure "Feature No.2" is available for every car shown in this document.
 Speed-Lock does not work, and Door Lock Control is not possible when you add an optional VISION remote.

For vehicles experiencing large voltage drops, we strongly recommend purchase of the optional UPS-33.