

TECHNICAL BULLETIN 3: VEHICLES FITTED WITH ITS CONNECT

The ITS Connect system fitted to some vehicles originating in Japan operates by broadcasting a signal on the 760MHz frequency. This frequency is not compatible with the licensing framework in New Zealand. Under the Radio Communications Act 1989 it is illegal to import or operate a device that operates on this frequency

The purpose of this technical bulletin is to define a process for identifying vehicles fitted with ITS Connect systems and how these vehicles need to be processed if an ITS Connect system is fitted.

The process outlined below shows the steps border inspection organisations (BIOs) can take to assure they act with due diligence, best endeavours, and based upon the best information available.

BIOs to provide data to Waka Kotahi

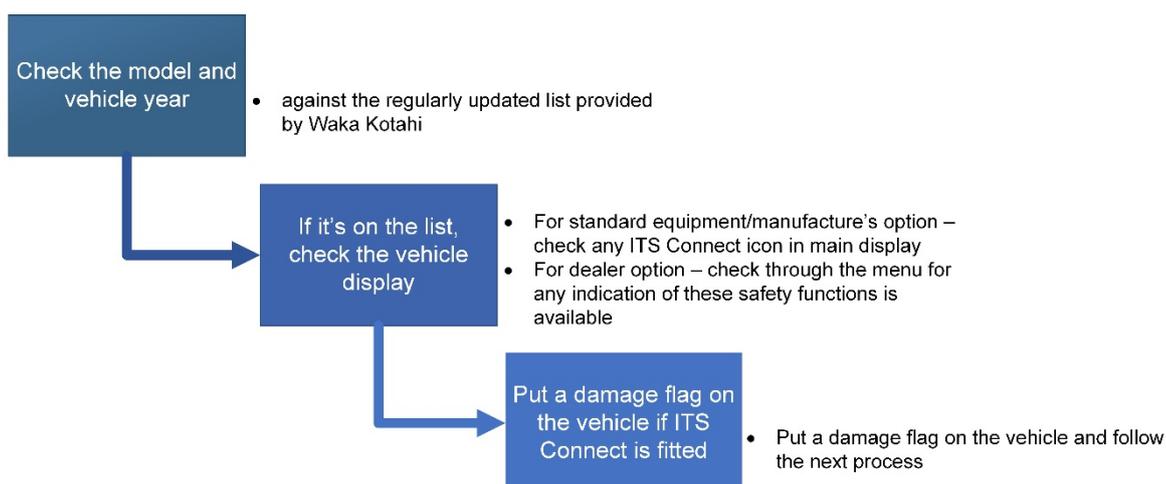
The BIOs, specifically Automotive Technologies Limited, ATJ, JEVIC, Independent Verification Systems (IVS), and NZ Biosecurity Services, as per the requirements of this manual, will provide data to Waka Kotahi NZ Transport Agency regarding the presence of ITS Connect on vehicles they inspect, subject to the prerequisites below.

All reasonable efforts outlined in this process will be made to assure the BIOs provide the most accurate information. All responsibility for importing any vehicle remains with the importer.

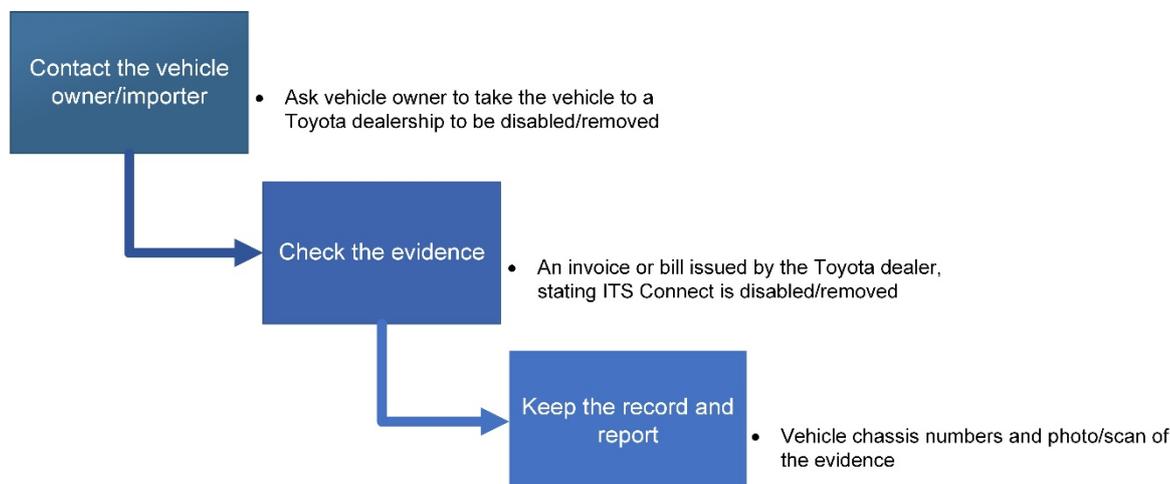
The process for BIOs to follow

From **1 April 2021** BIOs must check if vehicles they inspect (that are on the defined make and model list) are fitted with an ITS Connect system.

Vehicles coming to New Zealand from Japan



Process for ITS Connect fitted vehicle



Vehicles that must be inspected for ITS Connect

Make	Model	Vehicle Year	Most likely fitment
Lexus	RX	2016+	Manufacturer option
Lexus	LS	2018+	Equipped standard in all variants
Lexus	RX	2018+	Equipped standard in advanced variants, likely option in others
Lexus	ES	2018+	Equipped standard in advanced variants, likely option in others
Lexus	UX	2018+	Equipped standard in advanced variants, likely option in others
Toyota	Prius PHV	2016+	Manufacturer option
Toyota	Prius	2016+	Manufacturer option
Toyota	Crown	2016+	Manufacturer option
Toyota	Harrier	2018+	Manufacturer option
Toyota	Alphard	2018+	Manufacturer option
Toyota	Vellfire	2018+	Manufacturer option
Toyota	Noah	2018+	Dealer option

Inspecting the vehicle for an active ITS Connect system

To determine if ITS Connect is fitted and operational, two checks must be made to the vehicle. The first check is on the driver information display (MID, or MFD). The second check is on the navigation system.

In both cases the inspector will be looking for any indication of settings that are associated with an active ITS Connect system.

Note: the images below do not cover all vehicles. This page will be updated as manufacturers supply further content and advice.

ITS Connect manufacturer option inspection

ITS Connect ① Identifying the system equipment

- ITS Connect is not identifiable from vehicle exterior
- As below, **the system equipment can be identified by operating the multi information display**

< excerpt from instruction manual > ※ this example is taken from Alphard (2018.11~)

メーター操作スイッチの
 を操作してアイコンを
 選択することで、各アイコンに関
 連付けられた情報を表示するこ
 とができます。
 項目によっては状況に応じて自動で
 表示されます。

Using left & right button on the display operation switch to
 choose the icon in order to see information related to each
 icon

Operate the switch to select 'Setting'



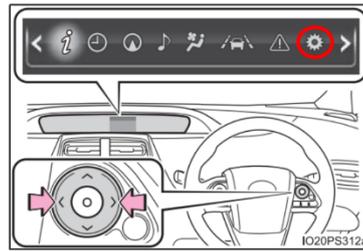
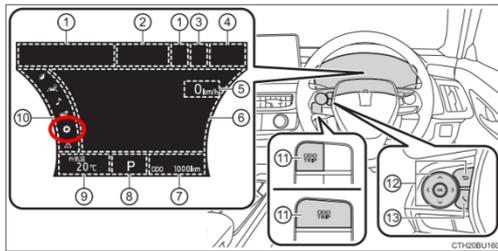
設定画面
 車両の機能やマルチインフォメーションディスプレイの表示などに
 関する設定を変更できます。(→P. 120)



Only when ITS Connect is equipped, 'ITS Connect' setting is
 displayed
 ※ If ITS Connect is not equipped, ITS Connect setting will not
 be displayed

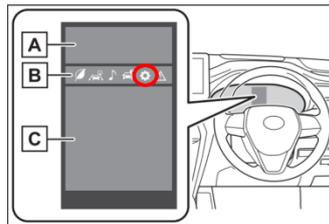
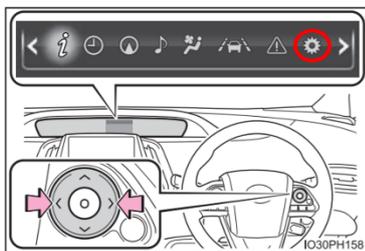
Crown: from Nov.2020 (petrol/HV)

Prius: from July 2020

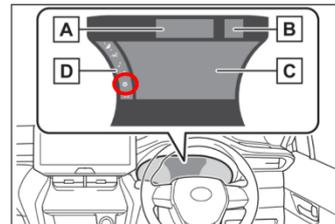


Prius PHV: from July 2020

Harrier: from June 2020



4.2-inch display equipped vehicle



7-inch display equipped vehicle

ITS Connect dealer option check

ITS Connect ① Identifying the equipment

- For vehicles with ITS Connect parts installed, equipment of the system cannot be identified from the vehicle exterior

(Although dedicated GPS antenna or dedicated film antenna are equipped, ITS Connect may not be identifiable as these parts are also widely used for navigation systems)

- from navigation, choose Menu > Set/Edit > Driving support > Safety/Comfort drive setting

If any of these set switches, listed below, are displayed, ITS Connect is equipped:

- Red light caution
- Right-turn collision caution
- Traffic signal status warning system
- Emergency vehicle notification



※ Navigation system may be removed but ITS Connect system unit can be left equipped for used vehicles. ITS Connect unit can be found under the floor mat of passenger seat

Conclusive evidence of inspection and ITS Connect system removal

To meet the burden of proof of conclusive evidence, it must be shown that the vehicle is not fitted with an ITS Connect system.

For a vehicle that is not fitted with the system, two photos must be provided on the BIS system that show the settings screens for both the Navigation unit and the MID. These photos should also be saved with the BIO's vehicle file.

A vehicle that has been found to be fitted with an ITS Connect system must have a damage flag placed on the vehicle with a note stating 'ITS Connect Fitted'. Any other damage or Takata airbag recall notes must also be added if applicable.

The vehicle owner must take the vehicle to a Toyota or Lexus franchise in Japan to have the ITS Connect system removed. An invoice or receipt from the dealer that shows the vehicles chassis number and indicates that the system has been removed is acceptable evidence that ITS Connect is no longer fitted.

A secondary check must be made on both the Navigation unit settings and the MID settings to ensure the ITS Connect associated settings are no longer visible. A copy of the invoice and photos of the displays on the second inspection must be saved in the vehicle file. A copy of the invoice should be loaded to BIS as evidence of the ITS Connect system removal.