Part Number: PT758-03140

Kit Contents

Item #	Quantity Reqd.	Description
1	4 per vehicle	Al Wheel 17"x 7.0"x 40mm

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1	1 per wheel	Center Cap **PT385-33070-WC**
2	0~5 per wheel as needed	OE Flat-Seat Lug Nut P/N **90084-94001**

Additional Items Required For Installation

Item #	Quantity Reqd.	Description
1	1 per wheel	Tire: P215/55R17 93V Michelin Primacy MXV4 OR Bridgestone TURANZA EL400-02 **(Recommended)**
2	As Required	Balance Weights Lo-Profile Stick-on Type **3M TN-2023** or equivalent.
3	0 - 4 as needed	TPMS 20-degree angle Single **DIO** P/N **42607-06020**
4	1	OE 17" Tire Pressure Label

Conflicts

Recommended Tools

Personal & Vehicle Protection	**Notes**
Safety Glasses	
Seat Protection	Blanket
Special Tools	**Notes**
Tire Changing Machine	Hunter TC3200, or Corghi Artiglio Master 26 or equivalent.
Wheel Balancing Machine	Hunter GSP9700, or equivalent.
Centering Cone	Hunter **BACK-SIDE** collet **192-52-2** or equiv.
Wing Nut	Hunter **76-371-3** or equiv.
4.5 inch Cup w/ Sleeve	Hunter **175-353-1** or equiv.
4.5 inch protector Sleeve	Hunter **106-82-2** or equiv.
Foot Brake Application Tool	Snap-on B240A Pedal Jack or equivalent.
Toyota Diagnostic Tester or Techstream Device	Software Version 13.2a or newer required.

Installation Tools	**Notes**
Lug Nut Wrench	21 mm wrench flat
Rubber Mallet	
Torque Wrench	20-150 ft-lbf (27-204 N-m)
Torque Wrench	30-150 in-lbf (3.3-17 N-m)
Sockets	11mm and 21 mm Deep Well, Thin Wall
4 inch extension (as needed)	For TPMS torque wrench
Valve Stem Torque Tool	Snap-On QDTPMS or equiv.
Nylon Panel Removal Tool	e.g. Panel Pry Tool #1 Toyota SST # 00002-06001-01
Valve Stem Removal Tool	Schraeder Valve Type
Wire Brush	Hand held size
Clean Lint-free Cloth	
Special Chemicals	**Notes**
Tire Lube	Myers or equivalent
Cleaner (for rework of stick on weights if needed)	Locally approved cleaner

General Applicability

Applicable to 2015+ Toyota Camry. Use with tire size P**215/55R17 93V**

Recommended Sequence of Application

Item #	Accessory
1	17"Alloy Wheel & 17" OE Tire
2	Optional Wheel Locks, PN **00276-00900**

Vehicle Service Parts (May be required for reassembly)

Item #	Quantity Reqd.	Description
1	0 – 4 as needed	Valve Stem Grommet Fitting Kit P/N **04423-0E010**
2	0 – 4 as needed	TPMS 20 degree angle Single P/N **42607-06020**

Legend

STOP: Damage to the vehicle may occur. Do not proceed until process has been complied with.

OPERATOR SAFETY: Use caution to avoid risk of injury.

CAUTION: A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.

TOOLS & EQUIPMENT: Used in Figures calls out the specific tools and equipment recommended for this process.

REVISION MARK: This mark highlights a change in installation with respect to previous issue.

SAFETY TORQUE: This mark indicates that torque is related to safety.

Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

These guidelines can be found in the "Accessory Installation Practices" document.

This document covers such items as:-

- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

Please see your local dealer for a copy of this document.

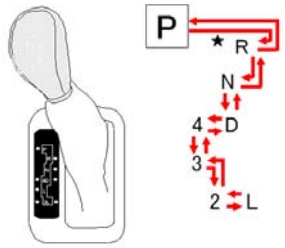

Fig. 1-1

1. Prepare the Vehicle.

(a) Firmly apply the parking brake.

(b) Put automatic transmission in "P" (Fig. 1-1). Put manual transmission in "R".

Foot Brake Application Tool

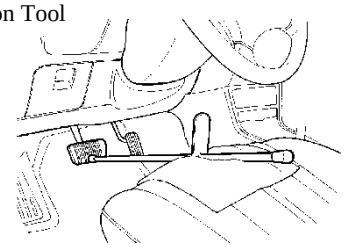
Fig. 1-2

(c) Add seat protection (blanket) and apply the foot brake using a foot brake application tool as needed (Fig. 1-2).

(d) Lift the vehicle.

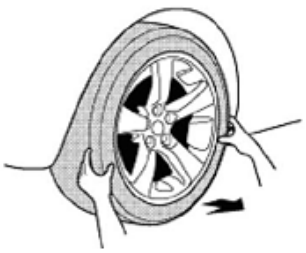
Fig. 1-3

(e) Remove the OE wheel and tire assembly from the vehicle (Fig. 1-3). Wear safety glasses while removing the wheels.

Wire Brush

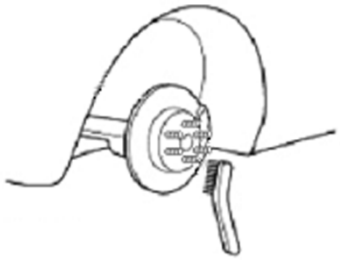
Fig. 1-4

(f) If required, remove any corrosion on the mounting surface of the vehicle with a wire brush (Fig. 1-4). Wear safety glasses to protect against any debris.

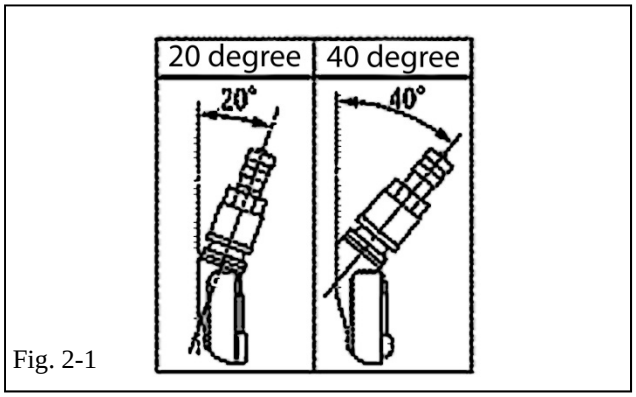

Fig. 2-1

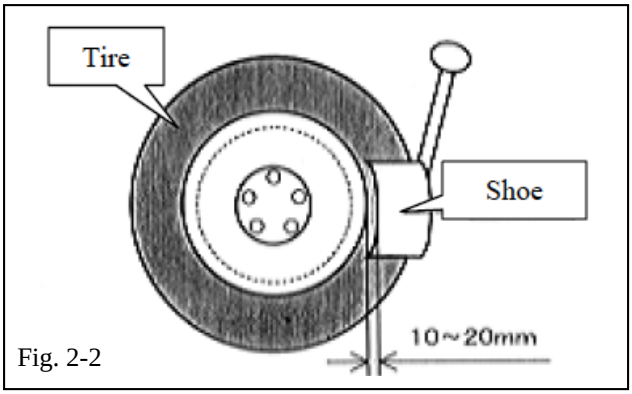

Fig. 2-2

2. Remove Tire Pressure Monitor Valve Sub-assembly.

NOTE: 20 degree Tire Pressure Sensors MUST stay with the same vehicle!

40 degree sensors are NOT re-used on ANY Accessory Alloy Wheels! (Fig. 2-1)

(a) Remove & retain the valve stem cores and release the air from all four tires.

(b) Remove & retain the nuts and washers and let the pressure sensors drop inside the tires.

(c) Carefully separate the upper tire bead from the wheel rim (Fig. 2-2).

NOTE: Be careful not to damage the tire pressure monitor due to interference between the sensor and the tire bead.

(d) Remove the sensor from the tire and remove the bead on the lower side as in the usual tire removal operation.

(e) Dismount the OE tire from the OE wheel.

(f) Repeat for all four tires.

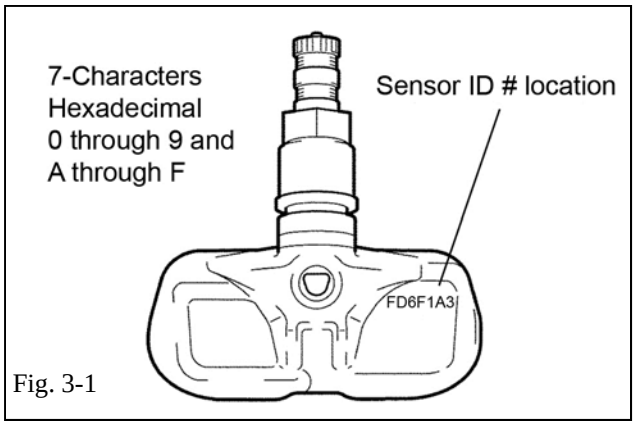

Fig. 3-1

3. Install the Tire Pressure Monitor Sensor (TPMS) Sub-assembly into Accessory Wheels.

(a) If the previously removed sensor is a 20 degree sensor, proceed to step **3(c)**. If the previously removed sensor is a 40 degree sensor, you must install new 20 degree sensors into accessory wheels. When installing new 20 degree sensors, you **MUST** record sensor ID codes for all four wheels and register these four new ID codes (Fig. 3-1) with the vehicle ECU. Each sensor has a unique sensor ID code. The sensor ID code is a 7 or 8-character hexadecimal string comprised of numbers 0 through 9 and letters A through F. See Fig. 3-1 for example code and location.

(b) **IMPORTANT!** Record all four new TPMS ID codes onto a sheet of paper or in a shop notebook. These **MUST** be programmed into the vehicle ECU later in **Step 10**.

(c) Check that the wheel valve hole is clean and free of sharp edges or burrs.

(d) Visually check that there is no deformation or damage on the tire pressure monitor valve sub-assembly. Check that the grommet, washer and nut are all clean and in good condition.

NOTE: Replace the grommet ONLY IF the grommet is old or was damaged. A damaged grommet is NOT reusable.

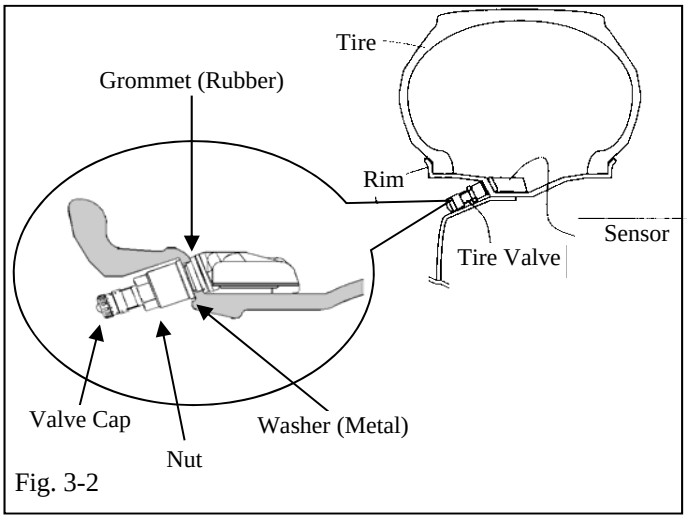

Fig. 3-2

(e) Insert the tire pressure monitor valve sub-assembly into the wheel valve hole from the inside of the rim and bring the valve stem to the outside (Fig. 3-2).

(f) Insert the tire pressure monitor valve sub-assembly so that the sensor ID number and text is visible (Fig. 3-1 & Fig. 3-2).

NOTE: Incorrect orientation of the pressure monitor sub-assembly may cause damage and prevent signal transmission during high-speed driving.

(g) Install the washer on the outside of the wheel and secure with the nut.

Torque the nut to 36 in-lbf (4.0 N-m)

4. Mount the Tires.

IMPORTANT: If the vehicle came with 17 inch OE tires, reuse the OE 17 inch tires. In any case, use four OE/new P215/55R17 93V tires.

(a) Use tire lube on the tire beads and bead locations on wheel prior to mounting the tire.

(b) Position the wheel on the mounting machine with the sensor at ~ 7 o'clock position (shaded area in Fig. 4-1)

(1) The mount/dismount head is considered as 12 o'clock position.

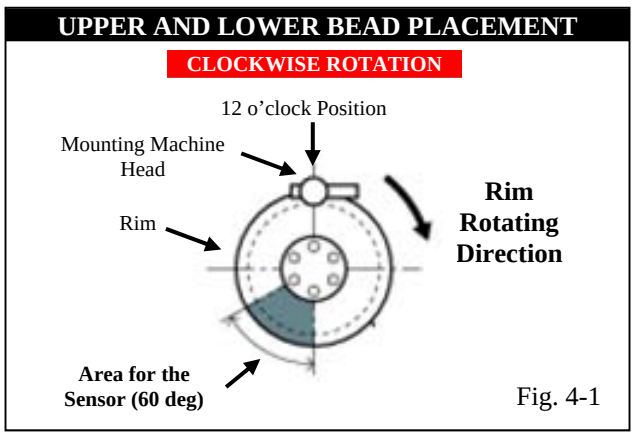

Fig. 4-1

(c) Mount the lower tire bead.

NOTE: If the sensor is positioned outside this area, it generates interference with the tire bead, possibly causing damage to the sensor.

(d) Reposition the wheel on the mounting machine with the sensor at ~ 7 o'clock position (shaded area in Fig. 4-1).

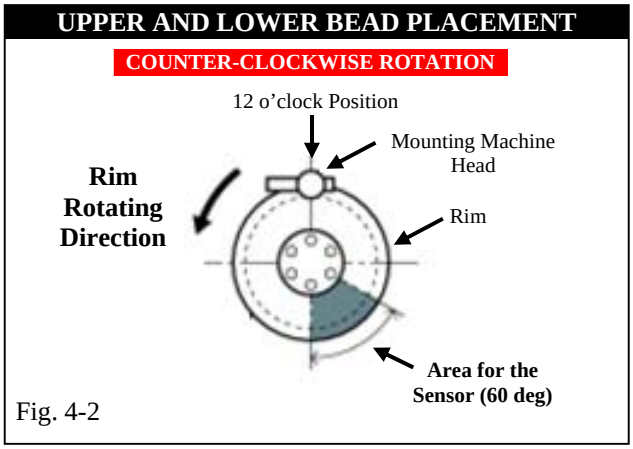

Fig. 4-2

(e) Mount the upper tire bead.

NOTE: If the Mounting Machine rotates in the counterclockwise direction, refer to Fig. 4-2 for sensor placement.

NOTE: Make sure that the tire bead and tool do not interfere with the main body of the sensor and the bead does not clamp sensor.

(f) To seat the tire beads, inflate the tire beyond 35 PSI but not more the than the maximum tire bead seat pressure indicated on the tire sidewall. If it is not indicated, use 40 PSI as a limit. If the tire bead is not seated when pressure registers 40 PSI, deflate the tire and re-inflate it to seat the beads.

(g) Install and torque the valve stem cores with the valve stem torque tool.

(h) Regulate the tire pressure to:

FRONT: **35 PSI** (240 kPa)

REAR: **35 PSI** (240 kPa)

(i) Recheck the torque on the TPMS nuts and install the valve stem caps.

5. Balance the Wheels.

NOTE: Application temperature for stick-on type weight is above 50°F (10°C). Weights should be no taller than 4 ~ 5 mm in height. It is good practice to apply the stick-on type in sections comprised of no more than 5 or 6 individual weight segments.

(a) Remove the tire labels from tire tread.

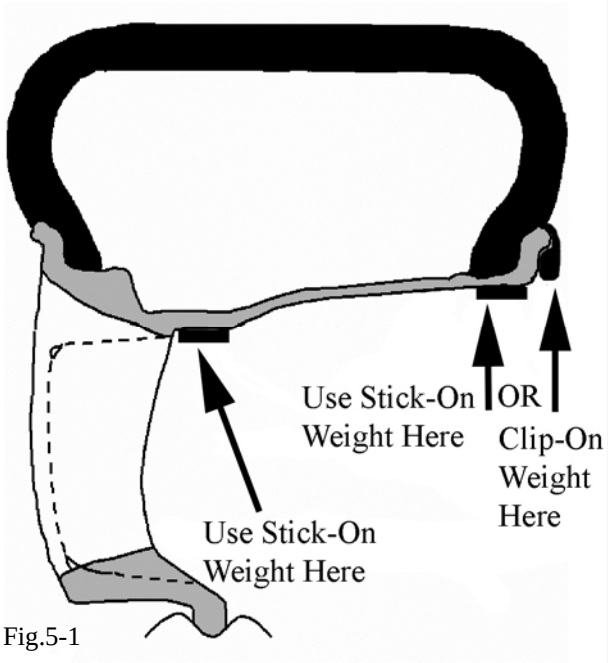

Fig.5-1

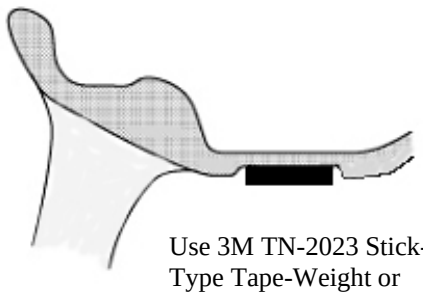

Fig.5-2 Detail of Outboard Plane Stick-On Type Weight

(b) Mount the wheel/tire assembly on the wheel balance machine and balance in DYNAMIC MODE. Enable the LOAD ROLLER, if applicable, to ensure proper bead seating. Use **3M TN-2023** or equivalent lead-free stick-on type weights (Figs. 5-1 & 5-2).

(c) Prior to mounting stick-on weight, use a 50-50 Simple Green & Water solution (or equivalent locally approved cleaner), as needed, to clean the weight mounting location on wheel, then wipe down with a clean, dry, lint-free cloth. Ensure that the location is clean and dry. Apply stick-on type weights at perimeter location identified by dynamic balance machine, as shown. Use a rubber mallet, if required, to achieve complete adhesion of stick-on type weight(s).

NOTE: Maximum stick-on type weight is **100 g** (3.5 oz.) on the inner plane and **100 g** (3.5 oz.) on the outer plane. If weight required exceeds this, place machine in STATIC mode and proceed. If weight required still exceeds limit, rotate the tire 180 degrees relative to the wheel and repeat Step 5. If removal and replacement of stick-on type weight is necessary, remove the weight using a nylon removal tool. Clean the surface with a clean cloth using locally approved cleaning solution. Wipe the surface dry before re-applying new weight(s). (DO NOT RE-USE STICK-ON WEIGHTS.)

(d) Re-spin the wheel on the machine with the LOAD ROLLER DISABLED (if applicable) and note the indicated remaining unbalance. The maximum permitted unbalance is 6 g (0.21 oz.) at inner and 6 g (0.21 oz) at outer location. If the indicated unbalance is not within the permissible limit, add required additional balance weights, within specification, and re-spin the tire/wheel assembly.

6. Record the Tire Identification Number (TIN).

(a) Record **ALL four** new 17” Tire Identification Numbers (TINs) from the **four** new 17” tires installed onto the vehicle. Record these TINs with the Vehicle Identification Number (VIN). The TIN for the tire is an 11 or 12 character string located after the “DOT” symbol on the sidewall of the tire.

(b) Provide the tire information to your tire vendor as required by law. Skip this step if the OE 17” tires will be reused.

Fig. 7-1

Valve Stem at Bottom, or at 6 o’clock position.

7. Install the Center Caps.

(a) Install the center caps into wheels as shown in Fig. 7-1 & 7-2. Be sure to orient the TOYOTA logo relative to the valve hole (6 O’clock) as shown.

Fig. 8-1 Wheel Lock at Top

Valve Stem at Bottom

8. Install the Vehicle Wheel / Tire.

(a) Install the wheel/tire assemblies onto the vehicle. Hand start the lug nuts during installation. Install one (optional) wheel lock per wheel (excluding the spare) at the 12 O’clock, or top position, opposite the valve stem (Fig. 8-1).

Fig. 8-2

(b) Tighten the lug nuts in sequence 1 through 5 (Fig. 8-2). Ensure that the socket does not scuff the wheel. Tighten to 103N-m (76 lbf-ft) using a torque wrench.

Torque: 103 N-m (76 lbf-ft)

(c) Re-torque all of the lug nuts in same the 1-5 sequence (Fig. 8-2).

Torque: 103 N-m (76 lbf-ft)

CAUTION: DO NOT USE AN IMPACT WRENCH TO INSTALL OR REMOVE WHEEL LOCKS.

(d) Remove the vehicle from the lift.

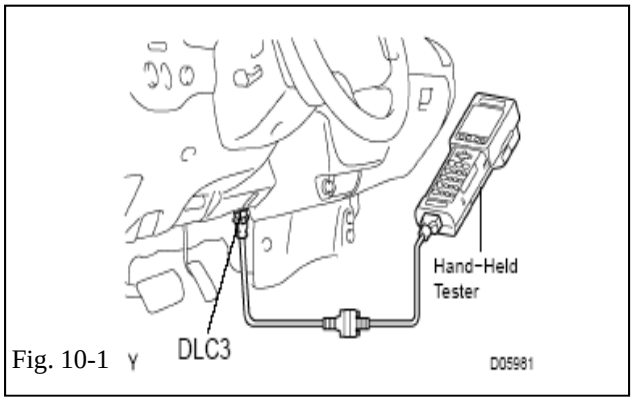

Fig. 10-1

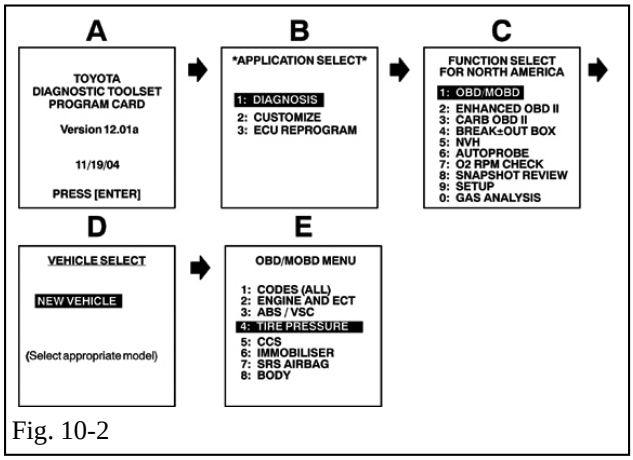

Fig. 10-2

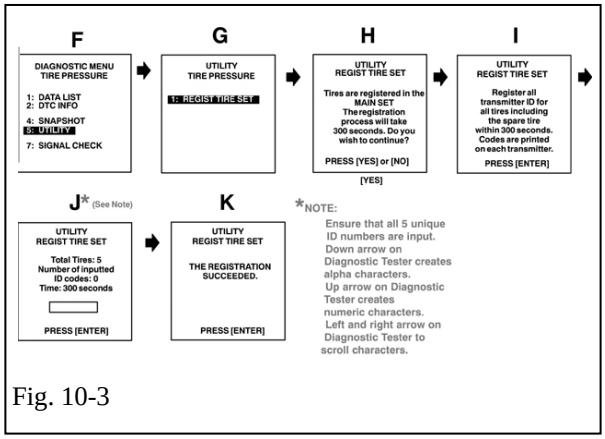

Fig. 10-3

9. Tire Pressure Labels.

⚠ This wheel reuses the OE 17 inch tires, and therefore no accessory labels are required. Ensure that the vehicle has an OE 17 inch tire pressure label located on the driver’s side door jamb.

10. TPMS Transmitter ID Registration.

⚠ **Perform ONLY when replacing the sensors. Skip to Step 12 if reusing the same 20 degree sensors on same vehicle.**
Skip to Step 11 if using a Techstream Device.

(a) Complete this section after all four wheels have been installed.

(b) Connect the hand-held tester to DLC3 (Fig. 10-1).

(c) Turn the ignition switch to the ON position.

(d) Turn the Tester on and Select UTILITY - REGIST TIRE following the hand-held tester screen prompts (Fig. 10-2 & Fig. 10-3).

(e) Input the TPMS ID codes (ID1 to ID4) from **Step 3(b)** using the hand-held tester to transmit them to the tire pressure monitor ECU.

NOTE: The spare tire does NOT have TPMS.

(f) Make sure that the ID transmission condition “SUCCEEDED” is achieved.

(g) Confirm all the tire pressures are set to values recommended on the tire pressure label for this vehicle.

⚠ **NOTE:** If this process is not completed within 5 minutes, the transmitter will return to normal operation mode and the process will need to be started over at **Step 10(d)**.

11. TPMS Transmitter ID Registration Using Techstream.

(a) Connect the Techstream to DLC3, as in Fig. 10-1.

(b) Turn the ignition switch to the ON position (do not start the vehicle) then turn the Techstream ON.

(c) Start the Techstream application by clicking on the shortcut located on the Desktop.

(d) Click “**Connect to Vehicle**” button (Fig. 11-1).

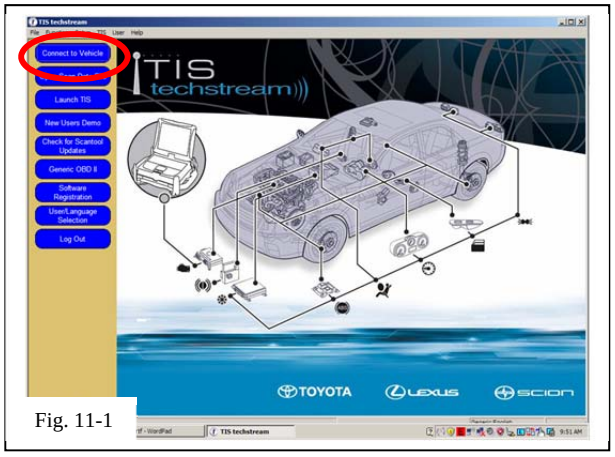

Fig. 11-1

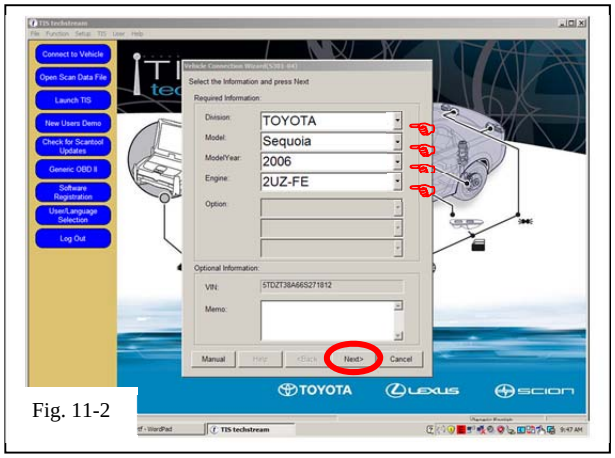

Fig. 11-2

(e) Confirm that the information displayed on the Vehicle Connection Wizard is correct. If not, make the appropriate selections from the Drop Down Menus, then click “**Next”** (Fig. 11-2).

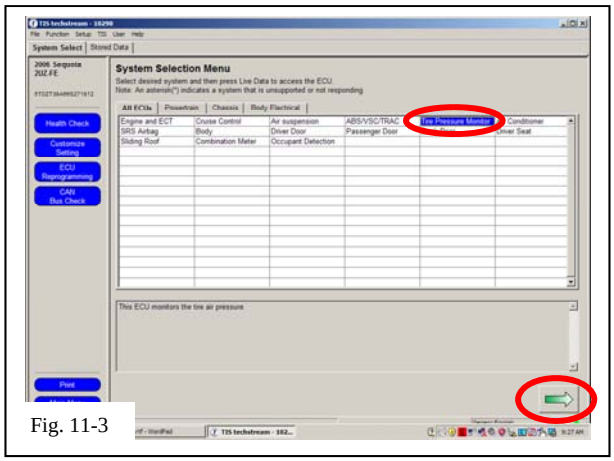

Fig. 11-3

(f) Select "**Tire Pressure Monitor**" then click the green arrow located on the bottom right (Fig. 11-3).

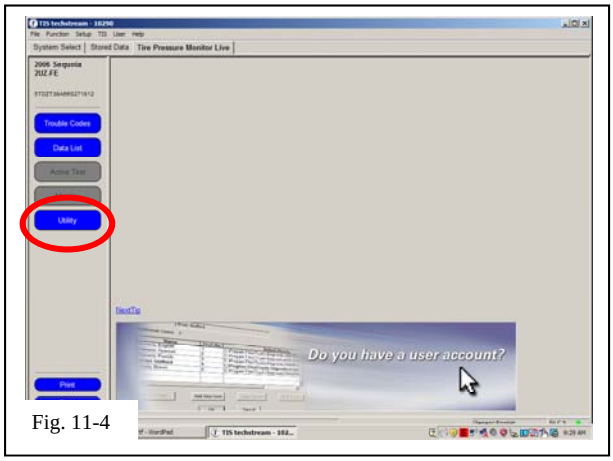

Fig. 11-4

(g) Select "**UTILITY**" to begin input of new TPMS ID codes (Fig. 11-4).

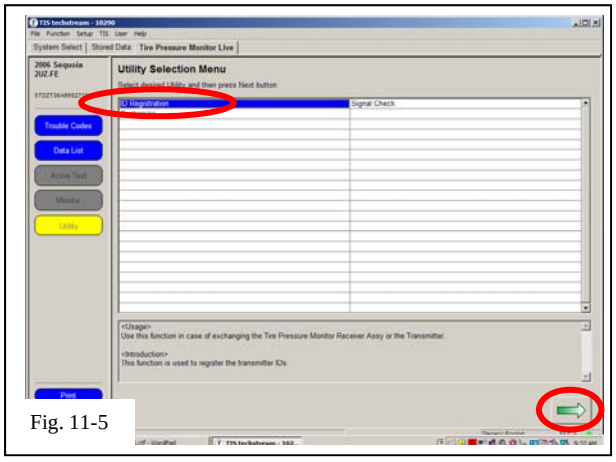

Fig. 11-5

(h) Select "**ID Registration**" then click the green arrow located at the bottom right corner (Fig. 11-5).

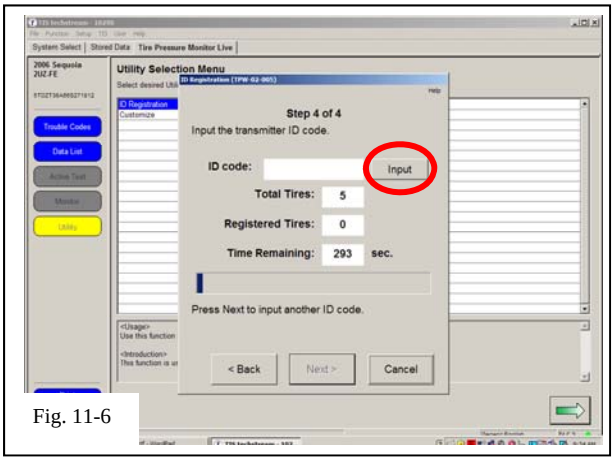

Fig. 11-6

(i) Select "**Next**" for Steps 1 through 3. Select "**Input**" in Step 4 to begin TPMS ID registration (Fig. 11-6).

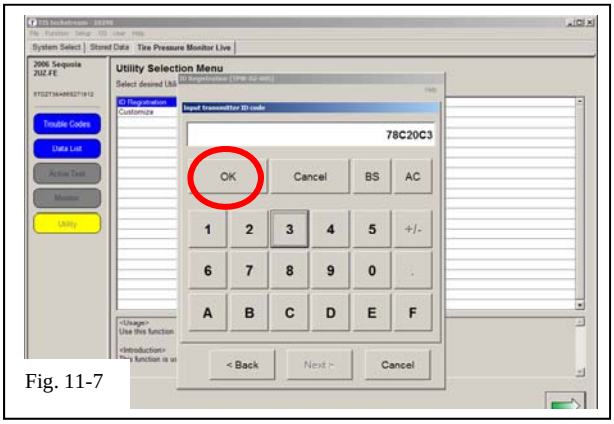

Fig. 11-7

(j) Input the TPMS ID code then click "**OK**" Repeat the same procedure for all other TPMS ID codes (Fig. 11-7).

NOTE: If this process is not completed within 5 minutes, the transmitter will return to normal operation mode and process will need to be started over at Step 11 (g).

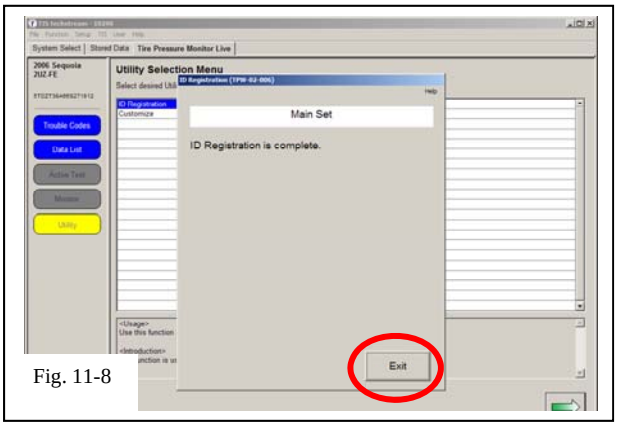

Fig. 11-8

(k) After all TPMS ID numbers have been registered, "**ID Registration is complete**" text should be displayed. Click "**Exit**" to finish the registration process (Fig. 11-8).

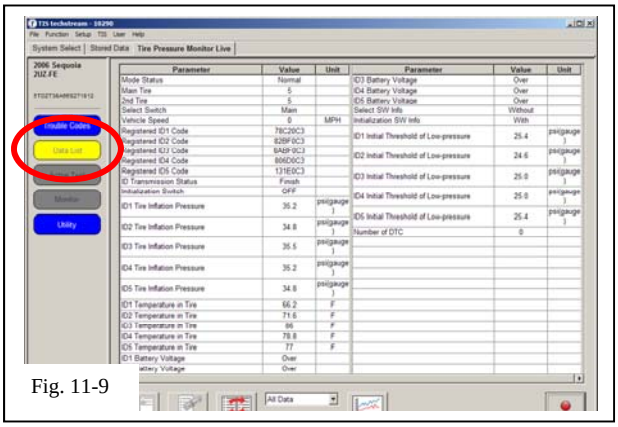
Fig. 11-9

(l) Select "**DATA LIST**" to view and confirm the TPMS ID numbers have been correctly registered (Fig 11-9).

12. Breakdown of OE Tire & Wheel Assembly

(a) Sort product properly according to local regulations.

Checklist - these points **MUST** be checked to ensure a quality install.

Check:	Look For:
☐ Inspect lug nuts.	Verify five lug nuts are installed on each wheel.
☐ Check lug nut torque.	Verify the Torque is 76 ft-lbf (103 N-m).
☐ TPMS sensor torque.	TPMS nut must be torqued to 4.0 N-m (36 lbf-in).
☐ Correct Tire Pressure	Verify the tire pressure is set to the value specified on the OE 17 inch Tire Pressure Label.
☐ Tire Identification Numbers (Needed only if replacing the OE tires.)	Provide the tire information to your tire vendor as required by law if OE tires are replaced.
☐ Center Caps	Verify center caps are securely in place on all four wheels.
☐ Optional Wheel Locks	Verify the Wheel Lock Key Tool is in the appropriate location in vehicle and the respective paperwork is placed into vehicle glove compartment.

Vehicle Appearance Check

☐ After accessory installation and removal of protective cover(s), perform a visual inspection.	Ensure no damage (including scuffs and scratches) was caused during the installation process. (For PPO installations, refer to TMS Accessory Quality Shipping Standard.)