TOYOTA TACOMA/FJ CRUISER 1995-/2007-



Part Number: PTR18-35090-XX

Kit Contents

Item #	Quantity Reqd.	Description
1	1	Cast Al Wheel 16"x7.5"x10mm

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1	1 per wheel	TRD Center Cap
		P/N PTR18-35092
2	1 per wheel	Wheel Lock Ring
		P/N PTR18-35091
3	12 per wheel	Lock Ring Fasteners & Washers
		P/N PTR18-35093 (pkg. of 12)

Additional Items Required For Installation

Item #	Quantity Daad	Decomintion
	Quantity Reqd.	Description
1	1 per wheel	Tire: BFG All-Terrain T/A
	Tacoma	LT265/70R16 117S M+S
	FJ Cruiser	LT265/75R16 123/120S M+S
2	1 per vehicle	Lug nut set w/ spline tool &
		wheel locks & lock key tool
	Tacoma	P/N PTR27-35100
	FJ Cruiser	P/N PTR27-35090
3	0 – 4 or 5	TPMS 20 degree angle
	as needed	(For Styled Steel wheel swap)
	Tacoma	Bulk PPO P/N PTR42-3507B
	Tacoma	Single DIO P/N 42607-06011
	FJ Cruiser	Single FJ P/N 42607-33011
4	As needed	Low-Profile, Lead-Free
		Balance Weights 3M TN-4023
		(or equivalent) Stick-on Type
		and/or Clip-on Type
5	1 per vehicle	Tire Pressure Door Jamb Label
	2007 +	Tacoma MDC # 00602-35015
	All	FJ Cruiser MDC #00602-35016
6	1	Owner's Manual Label
		MDC # 00602-35061
7	1 PPO	Vinyl Pouch PT276-06999
	DIO	Vinyl Pouch MDC#00602-06999
8	FJ Cruiser Only	Denso TPMS ECU for LT tires
	1 2008~2011	PTR24-35110

General Applicability

1995+ Tacoma 4X4 or PreRunner & 2007+ FJ Cruiser Use w/ tire size LT**265/70R16** or LT**265/75R16**, respectively

Vehicle Service Parts (May be required for reassembly)

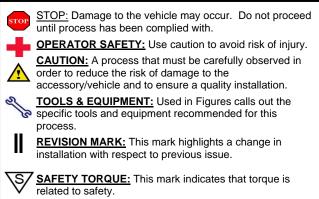
Item #	Quantity Reqd.	Description
1	0 - 4 or 5	Valve Stem Grommet Fit Kit
	as needed	(if required)
		P/N 04423 -0E010
2	0 - 4	Tacoma 20°TPMS
	as needed	Bulk PPO P/N PTR42-3507B
2	0-5	FJ Cruiser 20°TPMS
	as needed	Single P/N 42607-33011

Recommended Tools

Recommended Tools			
Personal & Vehicle	Notes		
Protection			
Safety Glasses			
Seat Protection	Seat Protection/Blanket		
Special Tools	Notes		
Tire Changing Machine	Hunter or Corghi or equiv.		
Tire Bead Clip/Depressor	Corghi 801262417 or equiv.		
Wheel Balancing Machine	Hunter GSP9700 or equiv.		
Centering Cone	Hunter BACK-SIDE collet 192-169-2 or equiv.		
Wing Nut	Hunter 76-371-3 or equiv.		
6" Cup w/ Sleeve	Hunter 175-392-1 or equiv.		
6" Protector Sleeve	Hunter 106-157-2 or equiv.		
Foot Brake Application Tool	Snap-on or equivalent.		
Toyota Techstream	Software Version 9.00.026		
	or newer required.		
Tire Pressure Sensor SST	00002-TTPWS or equiv.		
Installation Tools	Notes		
Lug Nut Wrench	21 mm wrench flat		
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		
D (1)			
Ratchets	Air and/or manual		
Extensions	1/4, 3/8, 1/2 inch as needed		
Extensions TORX Male T30			
Extensions TORX Male T30 Clean Lint-free Cloth	1/4, 3/8, 1/2 inch as needed TORX for lock ring		
Extensions TORX Male T30	1/4, 3/8, 1/2 inch as needed		
Extensions TORX Male T30 Clean Lint-free Cloth	1/4, 3/8, 1/2 inch as needed TORX for lock ring e.g. Toyota SST # 00002-		
Extensions TORX Male T30 Clean Lint-free Cloth Nylon Panel Removal Tool Valve Stem Removal Tool Valve Stem Torque Tool	1/4, 3/8, 1/2 inch as needed TORX for lock ring e.g. Toyota SST # 00002- 06001-01 or equiv. Schraeder Valve Type Snap-On QDTPMS or equiv.		
Extensions TORX Male T30 Clean Lint-free Cloth Nylon Panel Removal Tool Valve Stem Removal Tool	1/4, 3/8, 1/2 inch as needed TORX for lock ring e.g. Toyota SST # 00002- 06001-01 or equiv. Schraeder Valve Type		
Extensions TORX Male T30 Clean Lint-free Cloth Nylon Panel Removal Tool Valve Stem Removal Tool Valve Stem Torque Tool Wire Brush Special Chemicals	1/4, 3/8, 1/2 inch as needed TORX for lock ring e.g. Toyota SST # 00002- 06001-01 or equiv. Schraeder Valve Type Snap-On QDTPMS or equiv.		
Extensions TORX Male T30 Clean Lint-free Cloth Nylon Panel Removal Tool Valve Stem Removal Tool Valve Stem Torque Tool Wire Brush	1/4, 3/8, 1/2 inch as needed TORX for lock ring e.g. Toyota SST # 00002- 06001-01 or equiv. Schraeder Valve Type Snap-On QDTPMS or equiv. Hand held size Notes Myers or equivalent		
Extensions TORX Male T30 Clean Lint-free Cloth Nylon Panel Removal Tool Valve Stem Removal Tool Valve Stem Torque Tool Wire Brush Special Chemicals Tire Lube / Paste Cleaner (for rework of stick	1/4, 3/8, 1/2 inch as needed TORX for lock ring e.g. Toyota SST # 00002- 06001-01 or equiv. Schraeder Valve Type Snap-On QDTPMS or equiv. Hand held size Notes Myers or equivalent PPO/DIO : locally approved		
Extensions TORX Male T30 Clean Lint-free Cloth Nylon Panel Removal Tool Valve Stem Removal Tool Valve Stem Torque Tool Wire Brush Special Chemicals Tire Lube / Paste	1/4, 3/8, 1/2 inch as needed TORX for lock ring e.g. Toyota SST # 00002- 06001-01 or equiv. Schraeder Valve Type Snap-On QDTPMS or equiv. Hand held size Notes Myers or equivalent PPO/DIO: locally approved cleaner. No stronger than a		
Extensions TORX Male T30 Clean Lint-free Cloth Nylon Panel Removal Tool Valve Stem Removal Tool Valve Stem Torque Tool Wire Brush Special Chemicals Tire Lube / Paste Cleaner (for rework of stick	1/4, 3/8, 1/2 inch as needed TORX for lock ring e.g. Toyota SST # 00002- 06001-01 or equiv. Schraeder Valve Type Snap-On QDTPMS or equiv. Hand held size Notes Myers or equivalent PPO/DIO : locally approved		

RD ALLOY WHEEL

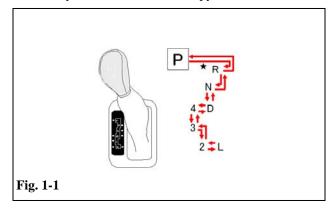
Legend

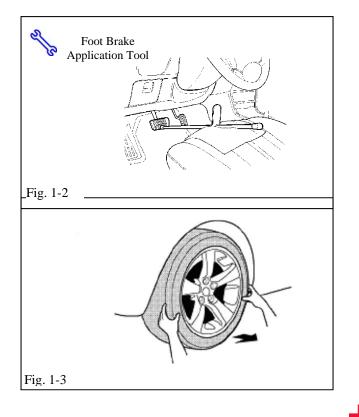


TOYOTA TACOMA/FJ CRUISER 1995-/2007-Procedure

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





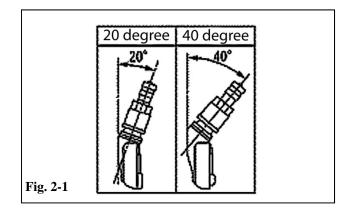
1. Vehicle Preparation.

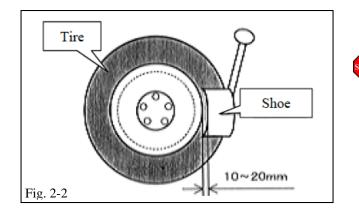
- (a) Firmly apply the parking brake.
- (b) Put automatic transmission in "P" (Fig. 1-1). Put manual transmission in "R".

ALLOY WHEEL

- (c) Add seat protection (blanket) and apply the foot brake using a foot brake application tool (Fig. 1-2).
- (d) Lift the vehicle.
- (e) If reusing the tires:
 - Mark the tire installation position on the inward facing tire sidewall. For example, Front Right = FR, Front Left = FL, Rear Right = RR, Rear Left = RL.
 - (2) Later, at Step 4, install the original tires on the new wheels with the marked side facing inwards.
 - (3) Place the tire/wheel assemblies on the vehicle in the marked positions. Refer to T-SB-PG002-05 as needed.
- (f) Remove the OE wheel and tire assembly from the vehicle (Fig. 1-3). Wear safety glasses while removing wheels.

Wire Brush





 (g) 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.

ALLOY WHEEL

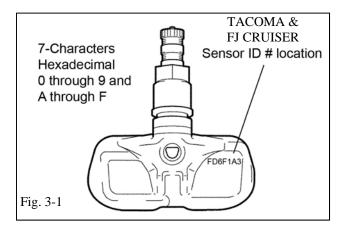
- 2. Remove Tire Pressure Monitor Valve Sub-assembly.
- **NOTE: 20 degree Tire Pressure Sensors should stay with the same vehicle!**

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

- (a) Remove the valve core and release the air from all four tires (and the spare for FJ Cruiser).
- (b) Remove the nut and washer and let the pressure sensor drop inside the tire.
- (c) Remove any wheel weights from the outboard flange.
- (d) Carefully separate the outer 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 tire bead.

- (e) Remove the sensor from the tire and remove the bead on the lower/inner side as in the usual tire removal operation.
- (f) Dismount the OE tire from the OE wheel.

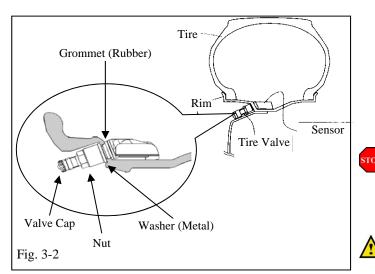


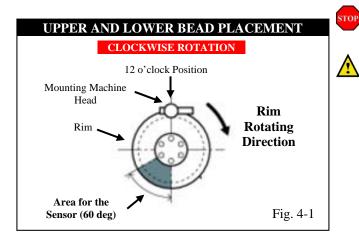
\wedge

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

C ALLOY WHEEL

- (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 (e.g. Tacoma styled steel wheels), you must install new 20 degree sensors into the accessory wheels. When installing <u>new</u> 20 degree sensors, you MUST record sensor ID codes for all four wheels and register these four <u>new</u> 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 <u>new</u> 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 <u>ONLY IF</u> the grommet is old or was damaged. A damaged grommet is NOT reusable.





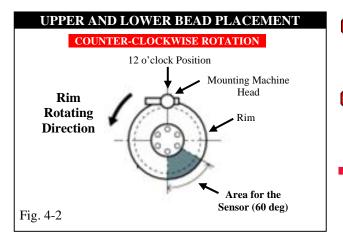
- (e) Insert the tire pressure monitor valve subassembly into the wheel valve hole from the inside of the rim and bring the valve stem to the outside (Fig. 3-2).
- (f) Insert the tire pressure monitor valve subassembly so that the sensor ID number and text is visible (Fig. 3-2).
- **NOTE:** Incorrect 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.

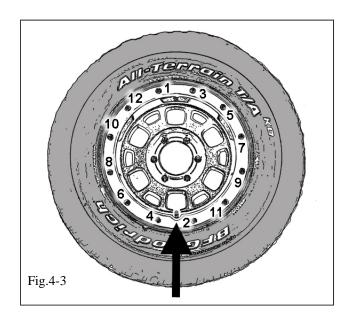
Torque: 36 in-lbf (4.0 N-m)

- 4. Tire Mounting.
 - **IMPORTANT:** Mount the tires <u>BEFORE</u> installing the wheel lock rings!
 - NOTE: Mount the tires with the raised white letters facing out on all tires.
 - (a) Use tire lube on the tire beads and bead locations on the 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.
 - (c) Mount the lower tire bead.
- **NOTE:** If the sensor is positioned outside this area, it generates interference with the tire bead, causing possible damage to the sensor.
 - (d) Re-position the wheel on the mounting machine with the sensor at ~ 7 o'clock position (shaded area in Fig. 4-1).

Issue: L 4/08/14

TRD ALLOY WHEEL

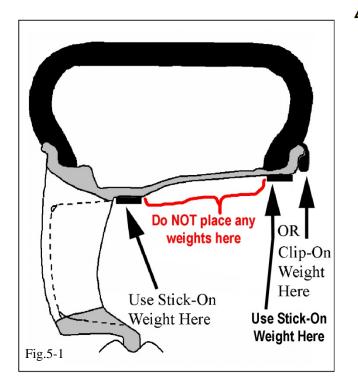


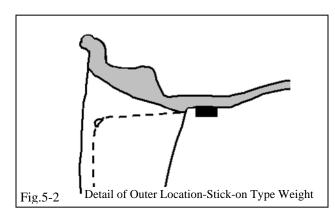


- (e) Mount the upper tire bead.
- NOTE: If the Mounting Machine rotates in the counterclockwise direction, refer to Fig. 4-2 for sensor placement.

TRD ALLOY WHEEL

- NOTE: Make sure that the tire bead and tool does 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 to 40
 PSI. If both tire beads are not seated when the pressure registers 40 PSI, deflate the tire and re-inflate it to seat the beads. Regulate the tire pressure to:
- **FRONT & REAR: 46 PSI** (320 kPa)
 - (g) Be sure to <u>Recheck the Torque</u> on the TPMS nuts and install the valve stem caps. Install the Lock Rings with the notch lined up with valve stem (Arrow Fig 4-3). Use the provided plastic washers under the fastener heads. Tighten the fasteners progressively in a star pattern (Fig 4-3). Torque to 75 in-lbf (8.5 N-m). Make sure the ring is seated parallel in its groove all the way around and does not rattle.







5. Wheel Balancing.

NOTE: Application temperature for stick-on type weight is above 50° F (10° C). Weights should be no taller than $4 \sim 5$ mm in height. **Remove the tire labels from the tire tread prior to balancing.**

- (a) Prior to mounting stick-on weight, use VDC-approved cleaner as needed to clean the weight mounting location on the 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 the perimeter location identified by the dynamic balance machine, as shown. Use a rubber mallet, if required, to achieve complete adhesion of stick-on type weight(s).
- (b) Mount the wheel/tire on the wheel balance machine and balance in DYNAMIC MODE. Enable the LOAD ROLLER, if applicable, to ensure proper bead seating. Use stick-on <u>AND</u> clip-on type weights (Figs. 5-1, 5-2 & 5-3).

NOTE: Tape-on weights may be used on the inboard plane if desired.

NOTE: The maximum allowable weight is **200 g** (7.0 oz.) on the inner plane and **200 g** (7.0 oz.) on the outer plane. If weight required exceeds this, place machine in STATIC mode and proceed. If weight required still exceeds limit, rotate tire 180 degrees relative to wheel and repeat Step 5(b). 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 a locally approved cleaning solution. Wipe the surface dry before re-applying new weight(s). DO NOT RE-USE STICK-ON WEIGHTS.

Issue: L 4/08/14

(c) 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 the inner location and 6 g (0.21 oz) at the 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 Tire Identification Number (TIN).

This step is not required if reusing the OE tires.



For PPO - Record **ALL 4/5 T**ire **I**dentification **N**umbers (TINs) from the **4/5** new tires installed. Record these TINs with the Vehicle Identification Number (VIN) on respective form.

The TIN for these tires is a **12**-character string located after the "DOT" symbol on the sidewall of the tire. Provide the tire information to TRD once per month via FAX. Refer to **CAD PPO Bulletin** database as needed.

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For DIO - Record **ALL 4/5** Tire Identification Numbers (TINs) from the **4/5** new tires installed. Record these TINs with the Vehicle ID Number (VIN). Provide the tire information to your tire vendor as required by law.

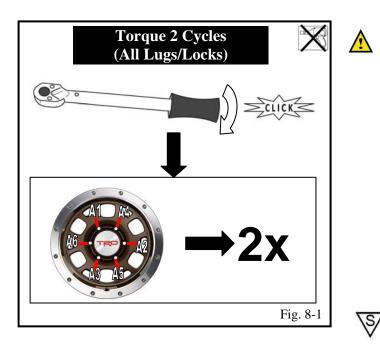
7. Center Cap Installation.

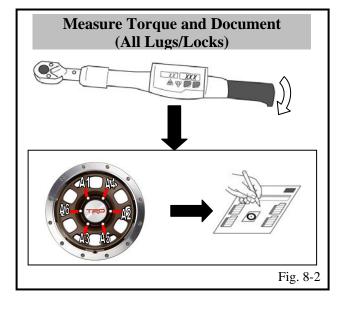
IMPORTANT! Be sure to install the center caps <u>BEFORE</u> installing the wheels onto the vehicle!

- (a) Install the caps into the wheels as shown in Fig. 7-1. Be sure to orient the TRD text relative to the valve hole as shown.
 - (b) For FJ Cruiser with a back-up camera, place the spare wheel center cap in the glove box.



Issue: L 4/08/14





8. Vehicle Wheel / Tire Installation.

(a) Install the wheel/tire assemblies onto the vehicle. Be sure to place the wheel/tire assemblies on the vehicle in the marked positions from Step 1. Hand start the provided lug nuts during installation. If wheel locks are being added, install one wheel lock per wheel (including spare for FJ Cruiser) at location 2 (or the 3 o'clock position) as in Fig 8-1. Tighten the lug nuts in sequence 1 through 6 or equivalent star pattern (Fig. 8-1). Ensure that the socket does not scuff the wheels. Tighten to 83 ft-lbf (113 N-m) using a torque wrench.

Torque: 83 ft-lbf (113 N-m)

(b) Re-torque all lug nuts in the same 1-6 sequence. (Fig. 8-1).



Torque: 83 ft-lbf (113 N-m)

- CAUTION: DO NOT USE AN IMPACT WRENCH TO INSTALL OR REMOVE WHEEL LOCKS.
- (c) With the vehicle still on the lift, use a digital torque wrench to measure the torque of each lug nut/lock and record it on the Torque Audit Sheet (Fig. 8-2) (PPO installation only, does not apply to DIO installation).

Fig. 8-3

(d) For FJ Cruiser, install the spare tire on the vehicle using 3 TRD lug nuts provided with TRD wheel (Fig 8-3) Tighten to 65 ft-lbf (88 N-m) using a torque wrench.

S/ Torque: 65 ft-lbf (88 N-m)

NOTE: You will have 3 extra TRD lug nuts and all OE lug nuts remaining after TRD wheel installation. Discard the 3 extra TRD lug nuts and keep all the OE lug nuts with the OE take-off wheels per local regulations.

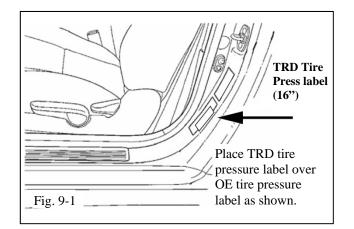
CAUTION: DO NOT USE AN IMPACT WRENCH TO INSTALL OR REMOVE WHEEL LOCKS.

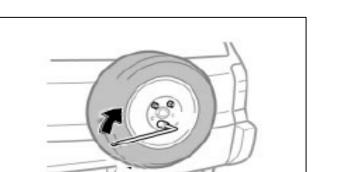
9. Tire Pressure Labels.

This step is not required when re-using the OE tires

- (a) Clean the surface and a small area around the OE tire pressure label located on the driver's side door jamb.
- (b) Affix the TRD 16 inch tire pressure label TACOMA (MDC # 00602-35015) FJ CRUISER (MDC # 00602-35016) directly over the OE tire pressure label (Fig. 9-1).

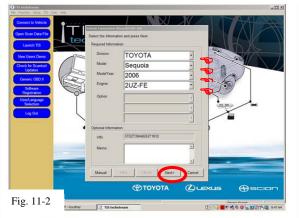
NOTE: Do NOT cover any cargo or passenger capacity text.





Toyota Owners Manual Tacoma / FJ Cruiser Fig. 9-2





(c) Install the Owner's Manual Label (MDC P/N 00602-35061) onto the upper right front cover of the owner's manual (Fig. 9-2).

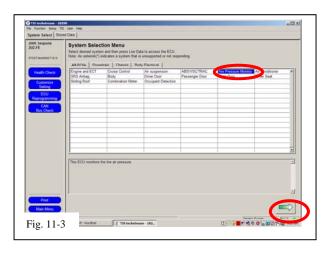
TRD ALLOY WHEEL

NOTE: Be sure NOT to cover any existing text or information. Shift the label down as needed so as not to cover any pictures or text.

10. TPMS Transmitter ID Registration Using Techstream.

- (a) Connect the Techstream to DLC3.
- (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).

(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).



File Function Setup TIS System Select Stored				
	Filessore	Monitor Live		
2006 Sequola				
2UZ-FE				
6T02T38A665271812				
Trouble Codes				
Trouble Codes				
Data List				
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2UZ.FE	Utility Selection Menu Select designed Hilling and then press Next botton.						
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-	1						
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(f) Select "**Tire Pressure Monitor**" then click the green arrow located on the bottom right (Fig. 11-3).

TRD ALLOY WHEEL

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

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

.iolx 2006 Se 202.FE Utility Sele ction Men Step 4 of 4 ter ID code tered Tires: 0 293 sec her ID code Fig. 11-6 0000-00000000 TIS techstre f-wedfad. mm - 102_

06 Sequals 2.FE 121364985211812	Utility Selection	on Menu		1			146	
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Armn Test Moreau		(ж	Ca	ncel	BS	AC	
Unity		1	2	3	4	5	+1.	
		6	7	8	9	0		
	«Usage» Use this function	A	в	с	D	E	F	
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2006 Sequola 2UZ-FE	Utility Selection Menu Select desired Utility	= (179 4J 006)		
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Data Left Action Test Mission (2007)	ID Reg	istration is complete.		
Fig. 11-	the first function instance on a second se		Exit	

2006 Sequola	Parameter	Value	Unit	Parameter	Value	Unit
2UZ.FE	Mode Status	Normal		ID3 Batlery Voltage	Over	-
	Main Tice	8		104 Battery Voltage	Over	
RT02736408271912	2nd Tire	5		D5 Battery Voltabe	Over	
	Select Switch	Main		Select SW Info	Webout	
crouble Codes	Vehicle Speed	0	MPH	Initialization SW info	With	-
Crouble Codes	Registered ID1 Code	78C20C3				2940840
	Registered ID2 Code	828F0C3		ID1 Initial Threshold of Low-pressure	25.4	1
Data List	Registered ID3 Code	BABFOCI		ID2 initial Threshold of Low-pressure	24.6	perplug
	Registered ID4 Code	806D0C3		the measurement of the pressure	24.5	1.1
Contraction of the	Registered ID5 Code	131E0C3		D3 Initial Threshold of Low-pressure	25.0	psigng
	ID Transmission Status	Finish		C) were investige to conductions	25.4	1.1
	Initialization Switch	OFF		ID4 Initial Threshold of Low-pressure	25.0	peigaug
Mastar	ID1 Tire Inflation Pressure	35.2) beiläande	D5 Initial Threshold of Low-pressure	254	peigaug
Utiley	ID2 Tire Inflation Pressure	34.8	brijbnike	Number of DTC	8	1.3
	ID3 Tire Inflation Pressure	36.5	psignige			-
	O4 Tire Inflation Pressure	35.2	poligauge }		-	
	ID5 Tire Inflation Pressure	34.8	psijskuge)		-	
	1D1 Temperature in Tire	66.2	F			
	ID2 Temperature in Tire	71.6	F	1	-	
	O3 Temperature in Tire	86	1			
	ID4 Temperature in Tire	78.8	F			
	IDS Temperature in Tire	77	F			
	ID1 Battery Voltage	Over	-		-	+
	attery Voltage	Över	1 2	1		-
Fig. 11-9	the second s	Contraction of the second	1000	and the second		-
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		C. C. C. C. C. C. C.				-

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

RD ALLOY WHEEL

(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).

(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).

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

11. Disposition of OE Tire & Wheel Assembly

PPO: <u>Aluminum take-off wheels AND All take-off tires get picked up by Dealer Tire</u>. Aluminum wheels must be in a wheel box. <u>All steel take-off wheels get salvaged according to local regulations.</u>

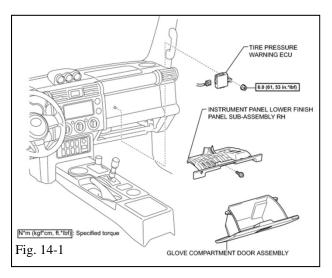
DIO: Sort product properly according to local regulations.

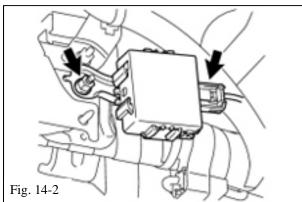
12. Lug Nut Tool Placement.

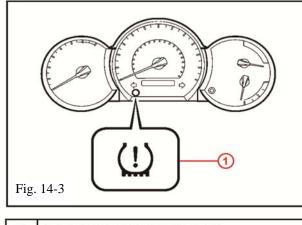
(a) Place the Spline-Drive Lug Nut Tool and Wheel Lock Key Tool along with the lock instruction card into vinyl pouch (PPO# PT276-06999 / DIO# 00602-06999) and secure it inside or next to the OE tool bag with the OE rubber strap & hook. Place all associated wheel lock paperwork into the vehicle glove compartment.

13. Initialize the Tire Pressure Warning System.

- (a) For 2008 to 2011 FJ Cruiser (consult the OE Repair Manual as needed):
 - Record in a notebook all five OE TPMS ID codes with a Techstream.
 - (2) Disconnect the battery negative terminal.







Low Tire Pressure Warning Light

(3) Remove the OE TPMS ECU and replace it with a new grey Denso TPMS ECUPTR24-35110 (Fig. 14-1 & 14-2).

C ALLOY WHEEL

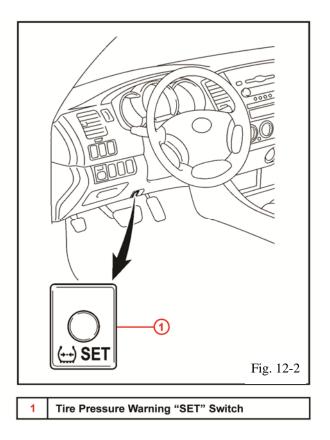
- (4) Torque the nut to **53 in-lbf** (6.0 N-m).
- (5) Reconnect the battery negative terminal.

S Torque: 5.4 Nm (48 in-lbf)

- (6) Verify all five tires are inflated to **46** PSI.
- (7) Reregister all five TPMS ID codes to the vehicle.
- (8) **DIO**: Perform any required PDS as needed, e.g. compass, auto windows, etc.

- (b) For 2006 to 2012 Tacoma:
 - After all tires (except the spare tire) have been adjusted to proper pressure (as called out by the tire pressure label found on the driver's side door jamb), cycle the ignition to the "IG-ON" position and check that the Low Tire Pressure Warning Light is OFF (Fig. 14-3).

TRD ALLOY WHEEL



- (2) Push and hold the Tire Pressure Warning "SET" switch for 3 seconds until the Low Tire Pressure Warning light blinks 3 times and then turns OFF, indicating the system is now initialized (Fig. 14-4).
- (3) Refer to T-SB-0120-10 or equivalent, for the proper make and model year.

TOYOTA TACOMA/FJ CRUISER 1995-/2007-

TRD ALLOY WHEEL

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

Check:	Look For:
Nuts & Torque Inspect Lug Nuts & Torque	Verify that six lug nuts/locks are installed on each wheel (FJ Spare uses 2 lugs & 1 lock) and the wheel lock is in the correct position. Torque must be 83 ft-lbf (113 N- m).
TPMS Torque	TPMS nut must be torqued to 36 in-lbf (4.0 N-m).
Record Lug & Lock Torque	Measure the torque of each lug/lock on all wheels and record it on the Torque Audit Sheet (PPO installation only, does not apply to DIO installation).
Center Caps	Verify center caps are securely in place on all four wheels & oriented correctly. Verify the FJ spare wheel center cap is in the glove box.
Tire Pressure Labels	Verify Tire Pressure Label and Owner's Manual Labels are in place.
Correct Tire Pressure	Verify tire pressure is set to the value specified on the OE Tire Pressure Label.
Driver Instrument Panel	Verify "TPMS warning light" is not ON.
Tire Identification Numbers	 PPO: Ensure all 4/5 accessory Tire Identification Numbers are recorded with the Vehicle Identification Number on the appropriate sheet. Refer to CAD PPO Bulletin as needed DIO: Provide the tire information to your tire vendor as required by law.
Lug Nut & Lock Tools Placement	Verify the Lug Nut Tool and the Wheel Lock Key Tool are in the appropriate location in the vehicle. Ensure paperwork is placed into the vehicle glove compartment.
 <u>Vehicle Appearance Check</u> 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.)