Detroit Connect - Premium Remote Parameter Updates Now Active

Communication Type: Product News

Date: 7/10/2026
To: US & Canada, All Dealers, Dealer Principals, General Managers, Security Admin, Marketing Managers, All Parts Roles, All Service Roles, All Warranty Roles, All Truck Sales Roles, All Used Truck Roles -

Premium Remote Parameter Updates are now available for use for customers with active Connect Plus subscriptions to Detroit Connect.

Premium Remote Parameter Updates are included in the Connect Plus package on current Fifth Generation Cascadias. A current subscription to this package and a Detroit powertrain will give customers immediate access to 46 parameters in the Detroit Connect Portal. One of those being the option to set a **5 MPH speed limit to help deter theft attempts**.

There is no longer a need to change every category for an update. A customer can simply select the specific categories they want to update. All available parameters are grouped into the following six categories:

- Vehicle Speed + Cruise
- Idle Shutdown
- Optimized Idle
- DT12 Transmission
- PasSmart
- Accelerator Pedal

Our design engineers worked with multiple departments to properly vet the expansion of parameter updates, so that customers can feel confident in making their own parameter updates. Learn how to walk through this process with customers by accessing our updated user guide here (/content/dam/dtna-portal/en/service/Remote%20Parameter%20Updates%20July%202026.pdf).

You can also find the user guide attached to this communication (/content/dam/my-communications/parts/Remote%20Parameter%20Updates%20July%202026.pdf), on the Detroit Connect Portal (https://hq.detroitconnect.com/DTPortal), or under the Detroit Connect section of the 'Service' DTNA Portal page (https://dtnacontent-dtna.prd.freightliner.com/content/dtna-portal/en/ServiceLP.html). We have more marketing material coming for Detroit Connect. You will receive announcements when they are available for use. Contact the Detroit Connect email if you have any questions: detroitconnect@daimlertruck.com (mailto:detroitconnect@daimlertruck.com)

Caution: Modifying parameters can reduce fuel economy, diminish performance, or cause drivetrain and/or aftertreatment system damage. Consult your Detroit Technical Sales Representative for analysis before making changes.

Attachments:

Remote Parameter Updates July 2026.pdf (//dtnacontent-dtna.prd.freightliner.com/content/dam/my-communications/parts/Remote%20Parameter%20Updates%20July%202026.pdf)

Detroit Connect Portal

Remote Parameter Updates

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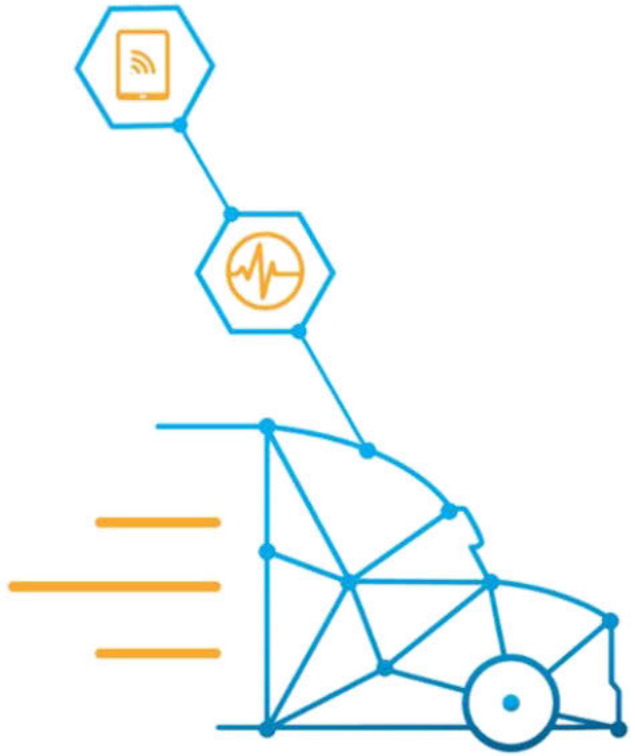
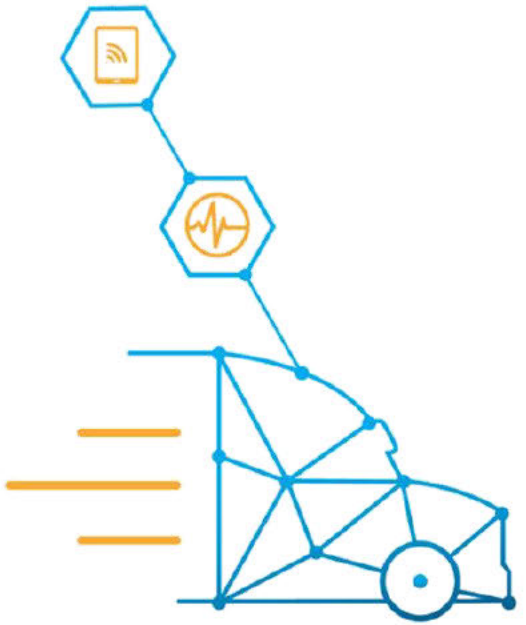


Remote Parameter Updates

Remote Parameter Updates enable customers to configure engine and transmission software directly via Detroit Connect portal, eliminating downtime, inconvenience, and costs associated with shop visits or specialized tools.



Remote Parameter Updates – User Roles

Admin Users:

Admin users have authority to create, read, update, delete, and assign Parameter Profiles via Detroit Connect

Admin Users also have exclusive capability to create user accounts and to define roles and permissions for users within their fleets. For a user guide specifically related to administrative features, please refer to Help & Support > Guides & Tutorials > Settings > Settings Overview.

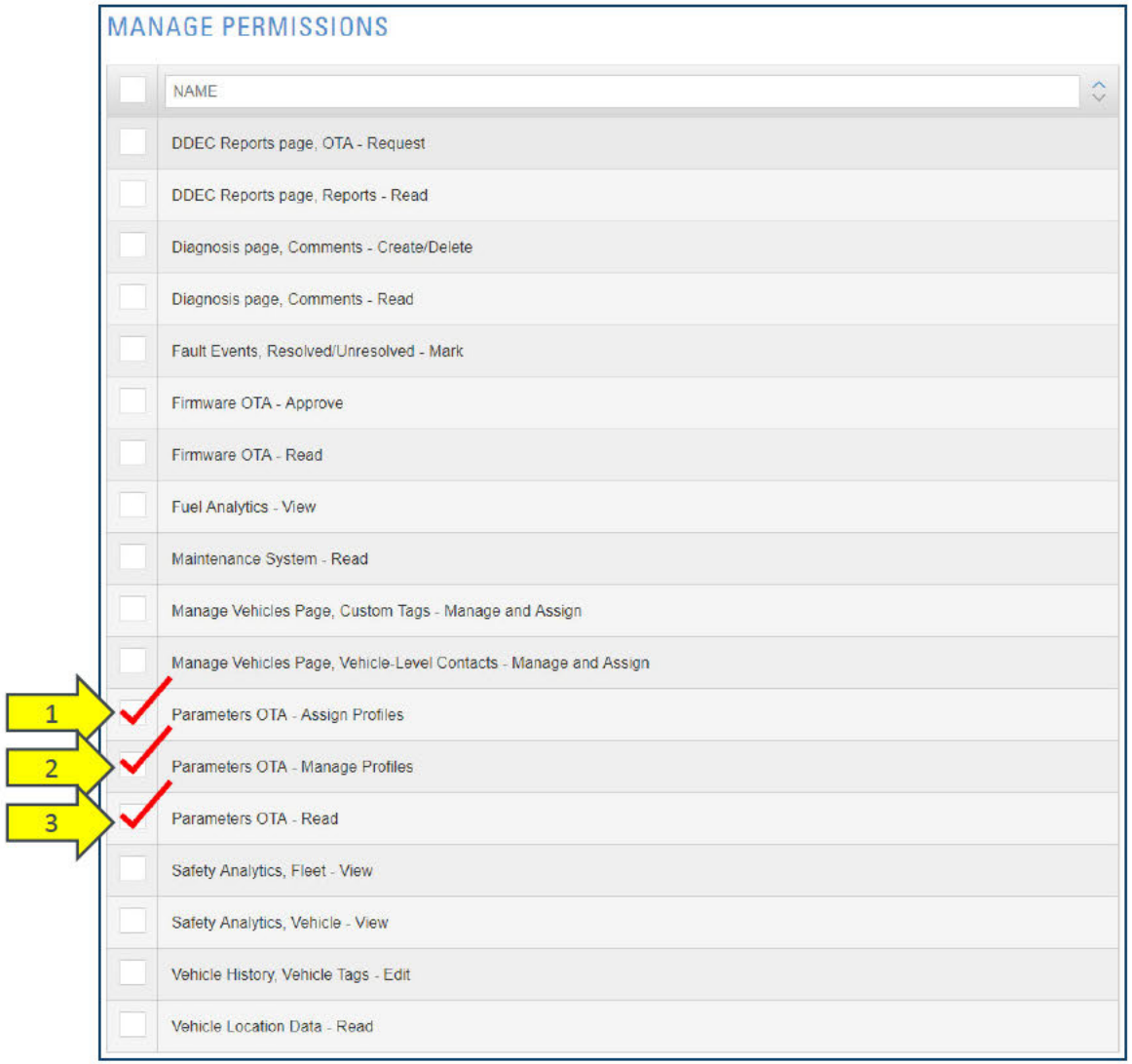
Non-Admin Users:

To be able to manage Remote Parameter Updates, Detroit Connect users must be assigned to a role that has appropriate permissions.

An Admin user may manage this by navigating to the Settings menu, selecting "Manage Users and Roles", and then creating or selecting a specific role to grant Remote Parameter Updates permissions to.

On the *Create New Role* or *Edit Role* screens, there are three Remote Parameter Updates related permissions:

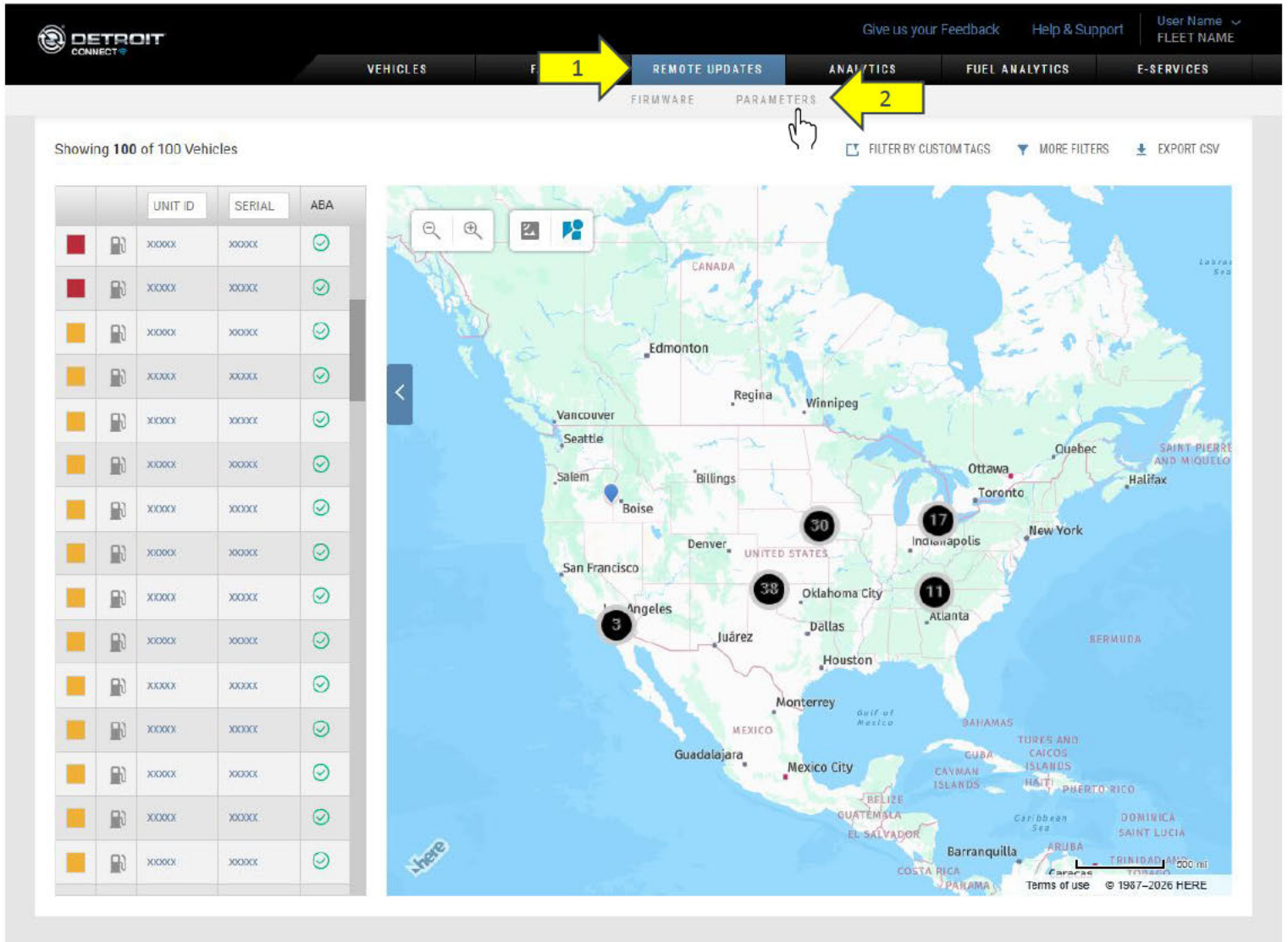
1. Parameters OTA – Assign Profiles: User can assign parameter profiles to vehicles
2. Parameters OTA – Manage Profiles: User can create and edit parameter profiles
3. Parameters OTA – Read: User can read which parameter profile is assigned to vehicles



Remote Parameter Updates – Get There

Remote Parameter Updates are managed from the “Parameter Profiles” page of the portal. To get there:

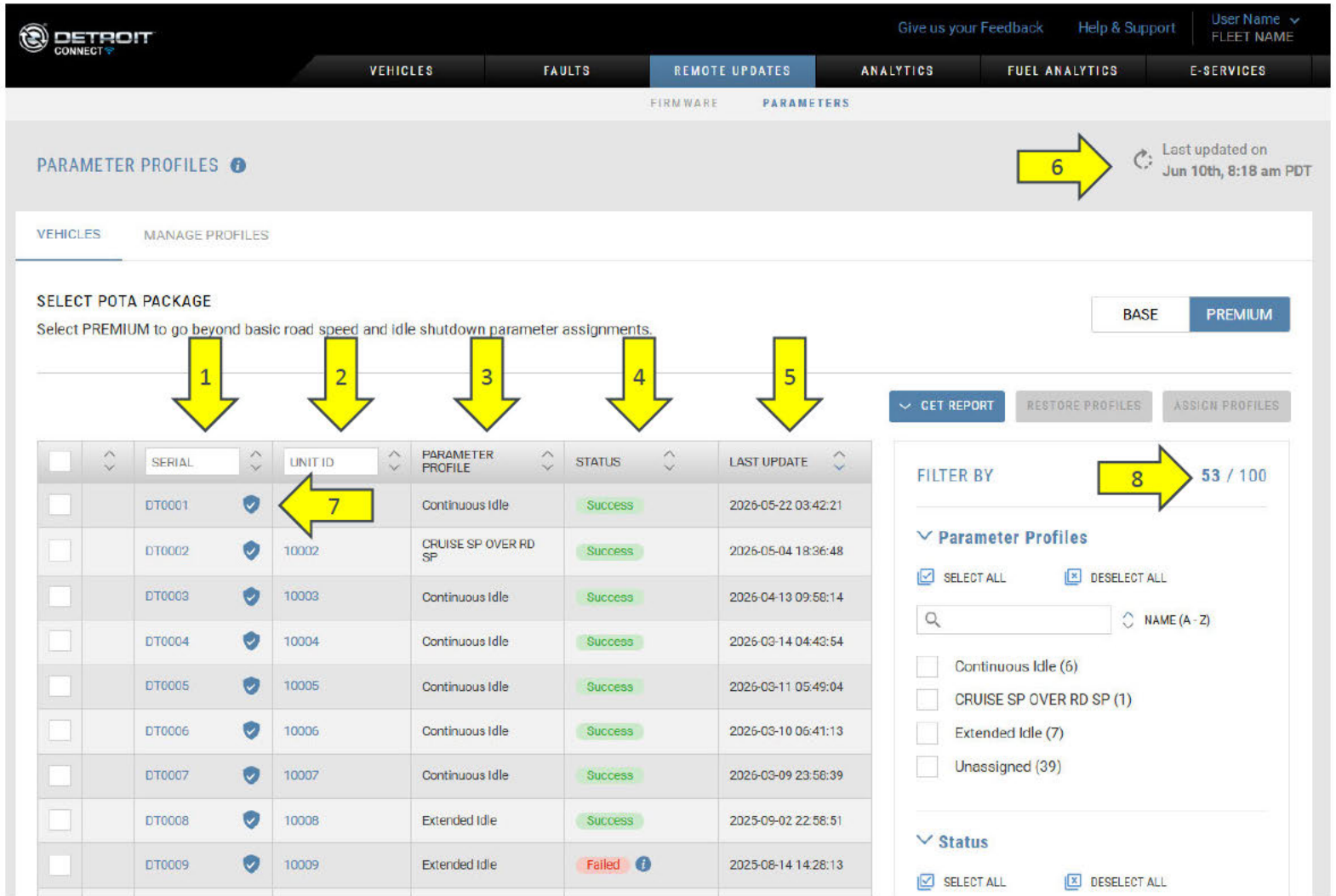
1. Select “Remote Updates”
2. Select “Parameters”



Parameter Profiles Page – Vehicles Tab

The Parameter Profile page displays all your POTA eligible vehicles.

1. Filter or sort your vehicles by serial number.
2. Filter or sort by Unit ID.
3. See which Parameter Profiles are assigned to each vehicle.
4. See status of the most recent parameter profile assignment to each vehicle.
5. See the date and time when the assignment's status changed. Most recent changes are listed first, by default.
6. See how fresh the data is. Note: the page auto-refreshes every 3 minutes.
7. Badge icons here indicate vehicles with active Premium Remote Parameter Update subscriptions.
8. The righthand sidebar provides additional options for filtering the population. This fraction tells you the number of vehicles that match your filter choices over the total number of POTA eligible vehicles.



Remote Parameter Updates – Workflow Process

Management and deployment of Remote Parameter Updates is a two-step process. Through these steps, users have the ability to configure and control parameters on their vehicles as needed to support their business.

STEP 1: MANAGE PROFILES

Remote Parameter Updates requires that parameters be updated in sets rather than one parameter at a time. These sets are referred to as Parameter Profiles. Authorized users can create as many profiles as needed for their fleet in the Portal.

Profiles can help you manage your vehicles for various vehicle applications, drivetrain configurations, driver groups, for regional or seasonal differences, or any other reasons

For info on how to create & manage profiles, see "Manage Profiles" section

STEP 2: ASSIGN PROFILES

In order to deploy Parameter Profiles, the profile must be assigned to a vehicle (or set of vehicles) in the Portal.

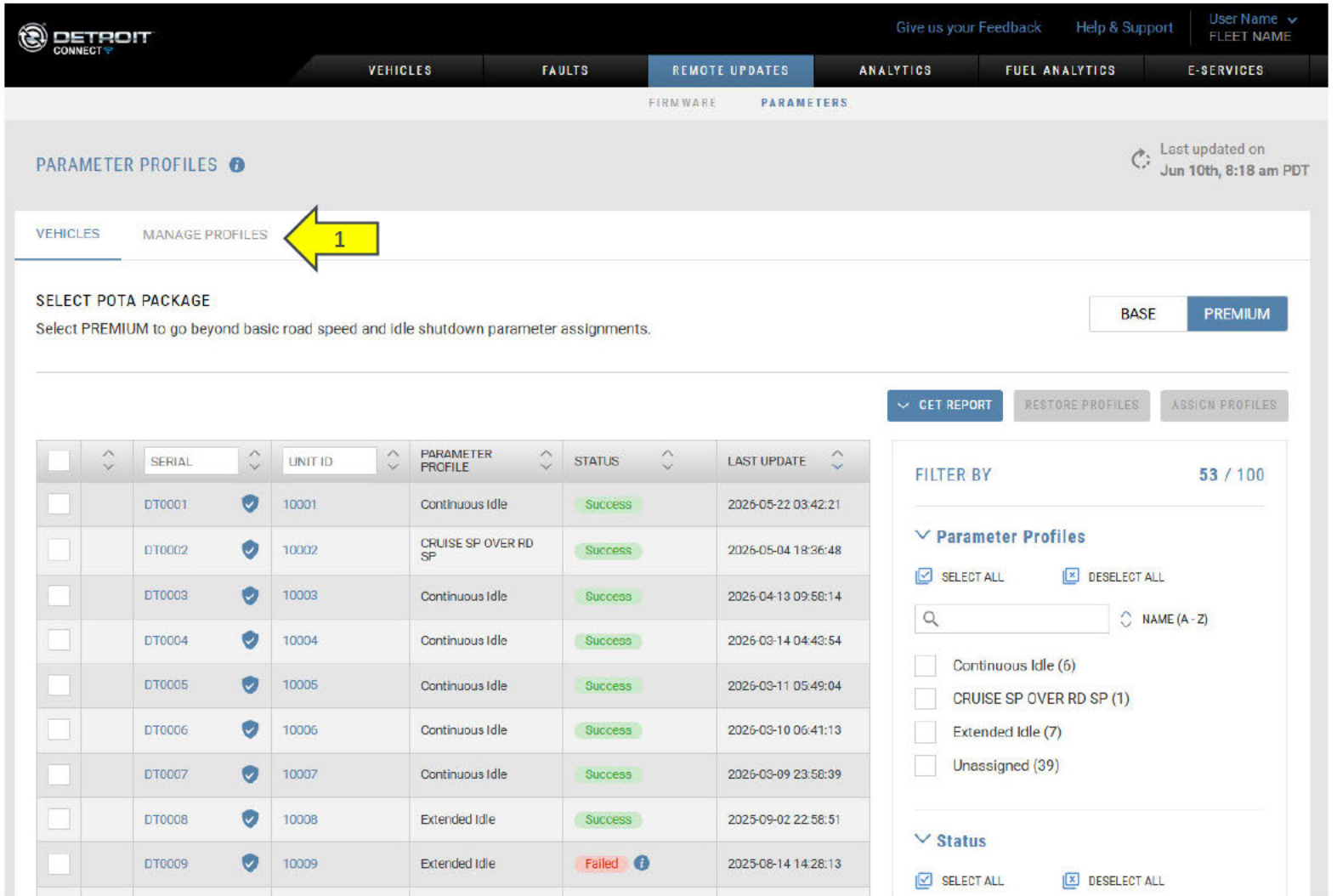
Profiles may be assigned one vehicle at time, or you may batch-update logical groups of vehicles (based on existing profiles, custom tags, etc.).

For info on how to assign profiles, see "Assign Profiles" section

Get to: “Parameter Profiles – Manage Profiles”

To begin the profile management process, you will need to use the “Manage Profiles” function.

1. Select the **MANAGE PROFILES tab** selector to access screens where you can create, read, update, or delete profile definitions.



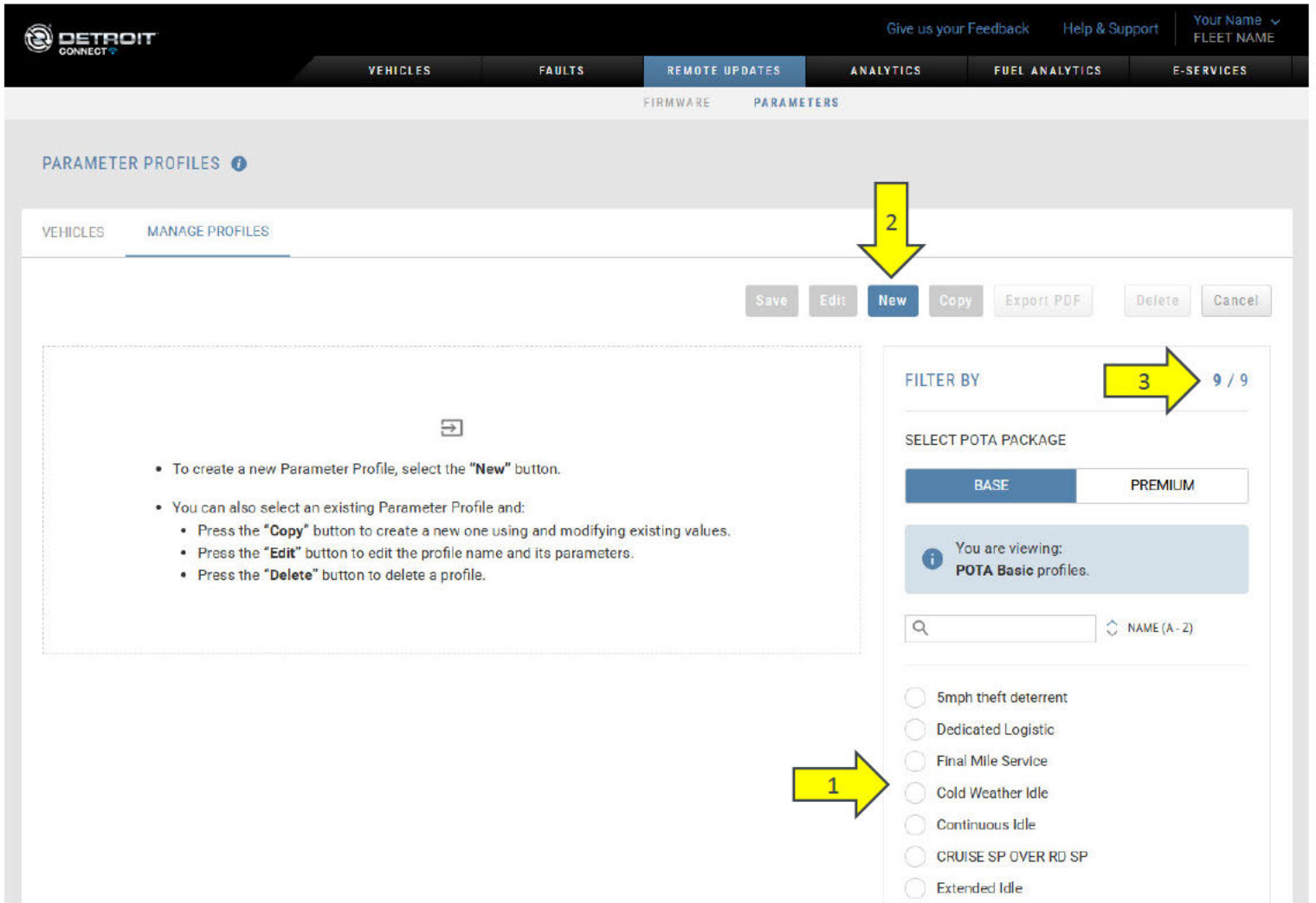
Parameter Profiles – Manage Profiles

Introduction to Manage Profiles

1. If anyone within your fleet has already created parameter profiles, you'll see them listed by name here. You can select one to read, edit, copy, or delete. When you've made a selection, its attributes will be displayed to the left.

2. Click on New to create a profile. Alternatively, if you've selected a profile the Edit, Copy, and Delete buttons will be enabled.

3. The righthand sidebar provides options for filtering the profile list. This fraction tells you the number of profiles that match your filter choices over the total number of parameter profiles on your account.



Parameter Profiles – Create a New Profile

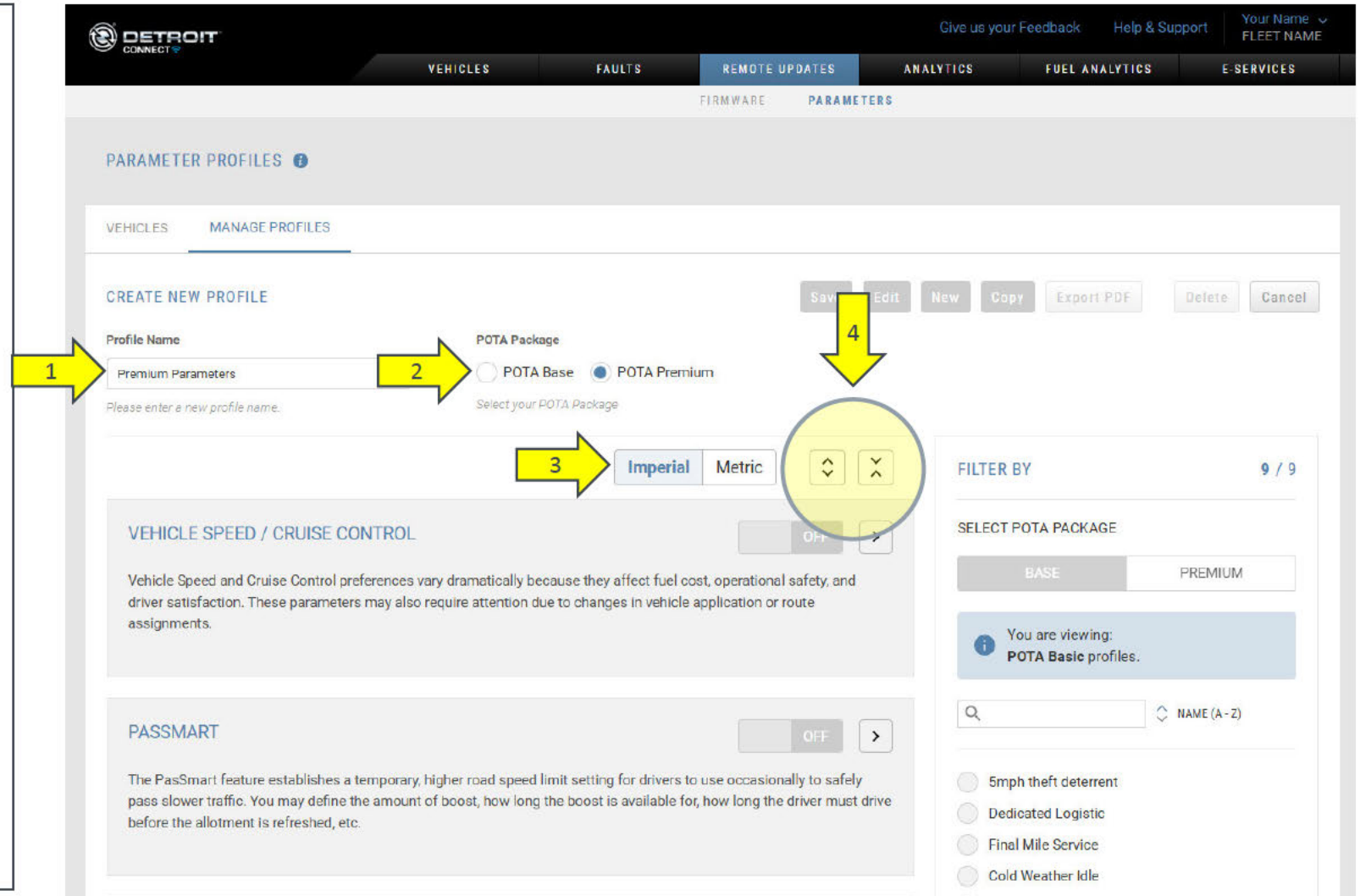
Creating a New Profile

1. Every profile must have a unique Profile Name. You may use up to 20 alpha-numeric characters.

2. Select Base or Premium. (Premium profiles may contain many more parameters but can only be assigned to vehicles with POTA Premium subscriptions.

3. Select whether you prefer to enter parameters in imperial or metric units.

4. Use Expand-All, Collapse-All, Expand-Group, or Collapse-Group buttons to select how parameter options will be displayed on screen.



Creating a New Profile - Continued

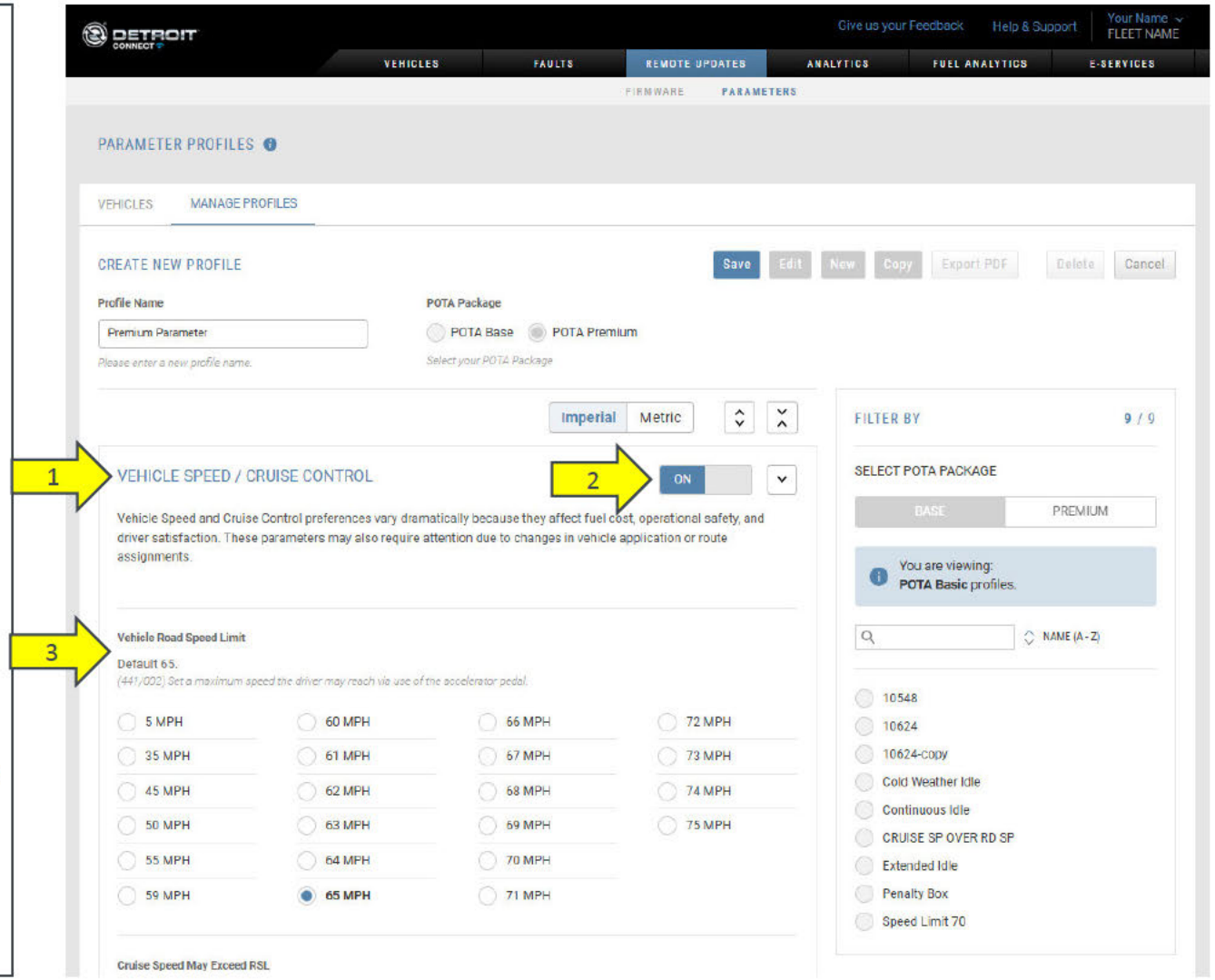
How to Set Parameters:

1. Parameters are organized into Groups based on similar vehicle setting categories (i.e. “Vehicle Speed / Cruise Control” versus “Idle Shutdown”).

2. ON/OFF selector: Users can toggle each group ON or OFF to include or exclude those included parameters in the Profile. All the parameters within any “ON” group must be set with allowable values.

3. For each respective parameter you’ll find the parameter name, its default value, minimum and maximum allowed values (if applicable), and a plain-English summary of its effect on vehicle functionality and/or performance.

Warning: contact a Detroit Field Sales Engineer or your dealer if you have any questions or concerns about parameterization. Don’t make assumptions.



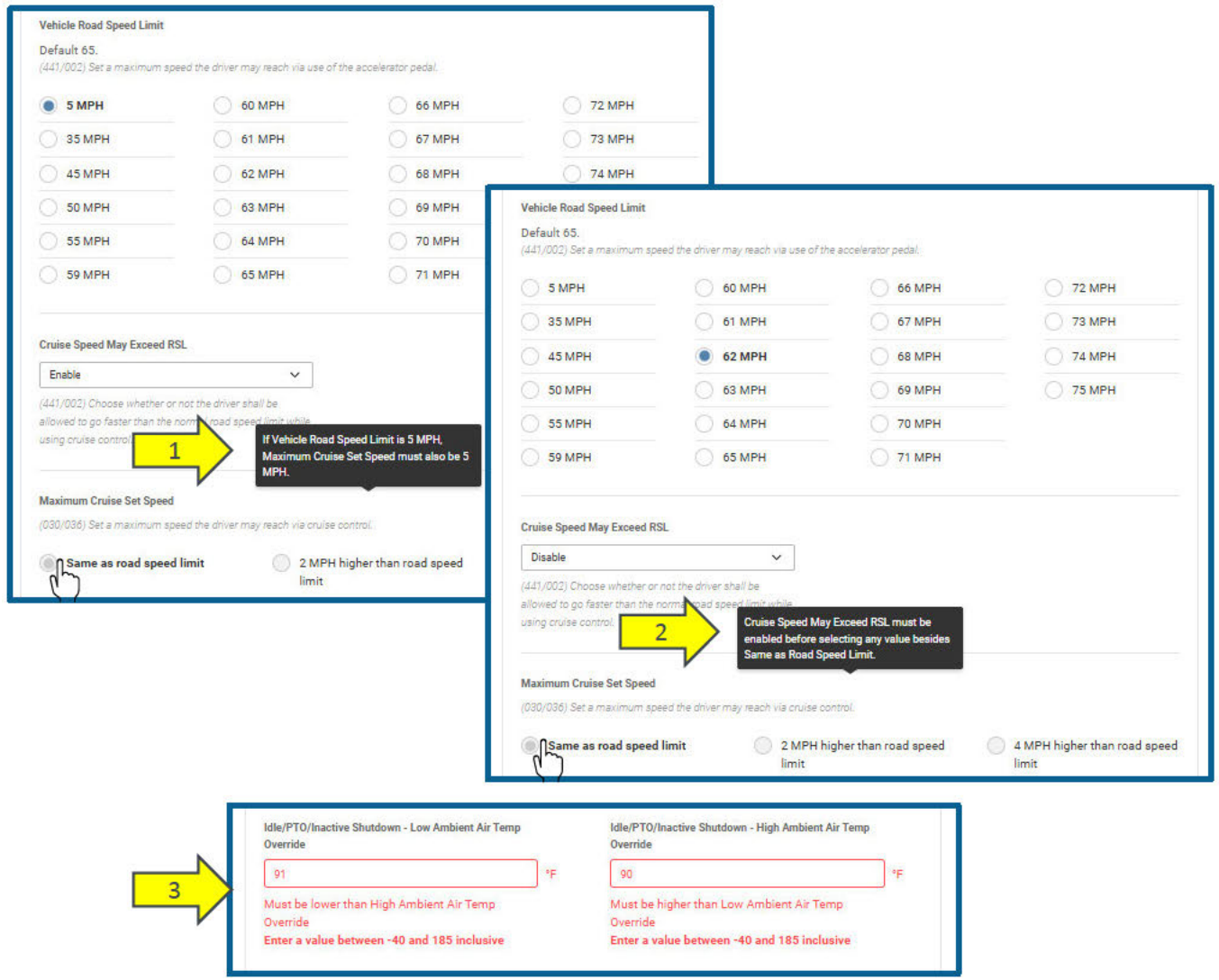
Parameter Interaction

Interaction of Parameters

The Remote Updates user interface is designed to prevent conflicting parameter settings of various kinds when creating or editing a profile. Users will be alerted via dialogue prompts (see right) in the case of an error.

Reference Examples (right):

1. *Business rules such as Maximum Cruise Set Speed being locked at "Same as road speed limit" when Vehicle Road Speed Limit is set to 5 MPH (for theft deterrence or stolen vehicle recovery.)*
2. *Logical conflicts parameter selections being blocked for disabled parameters.*
3. *Range limit interactions that would cause features to malfunction.*



Edit an Existing Parameter Profile

To Edit an Existing Profile:

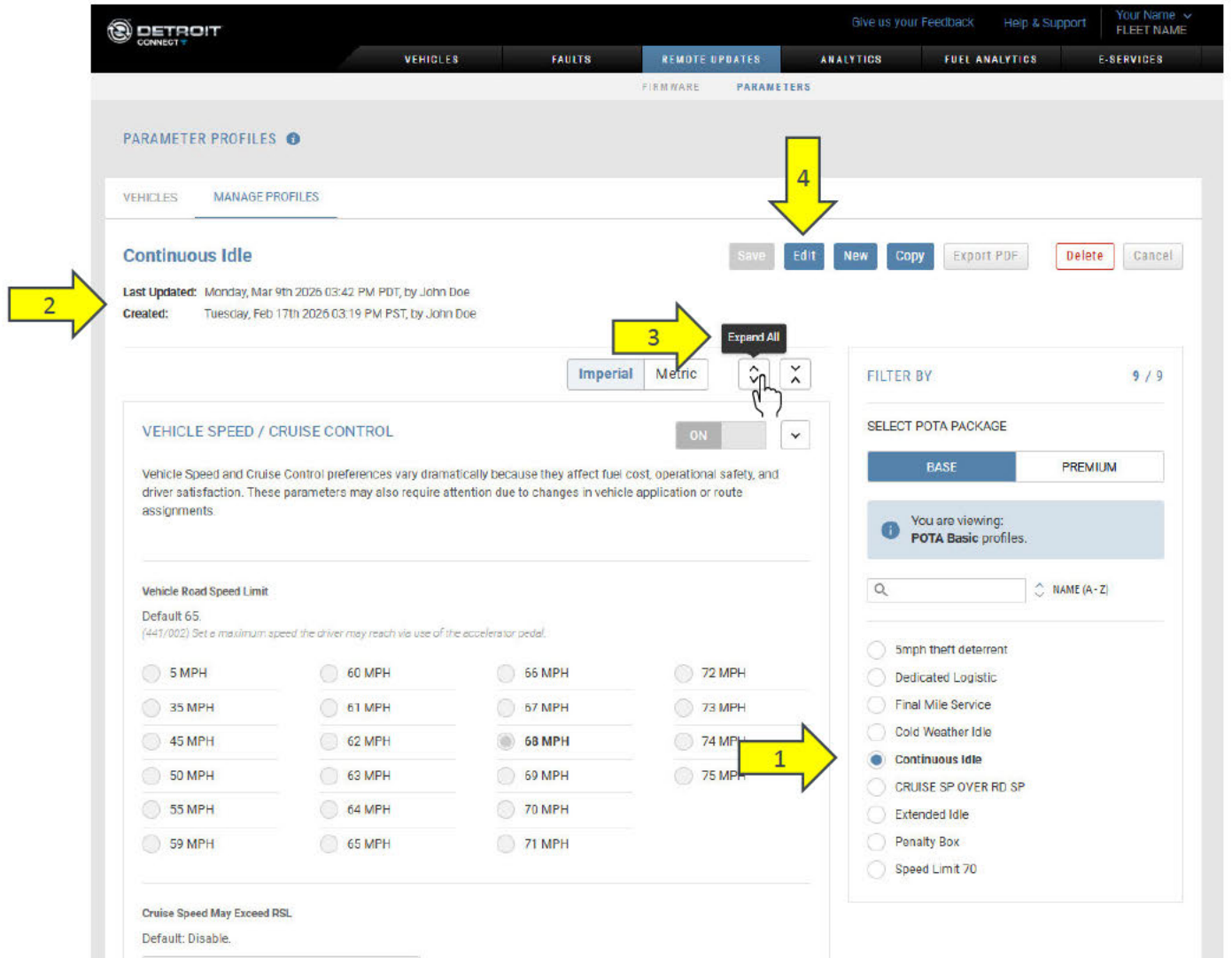
1. Existing profiles are listed on the right. Users can use the filter box to search by Profile Name. Click on the button next to a Profile Name to bring it into view.

2. Your selected profile will appear on the left side of the page. Along with information about the profile creation and most recent edit/update

3. Expand the profile's Parameter Group sections to see specific present parameter values.

4. To change any parameters listed, select the **Edit** button

Note: When you update a profile, all vehicles attached to the profile will be updated.



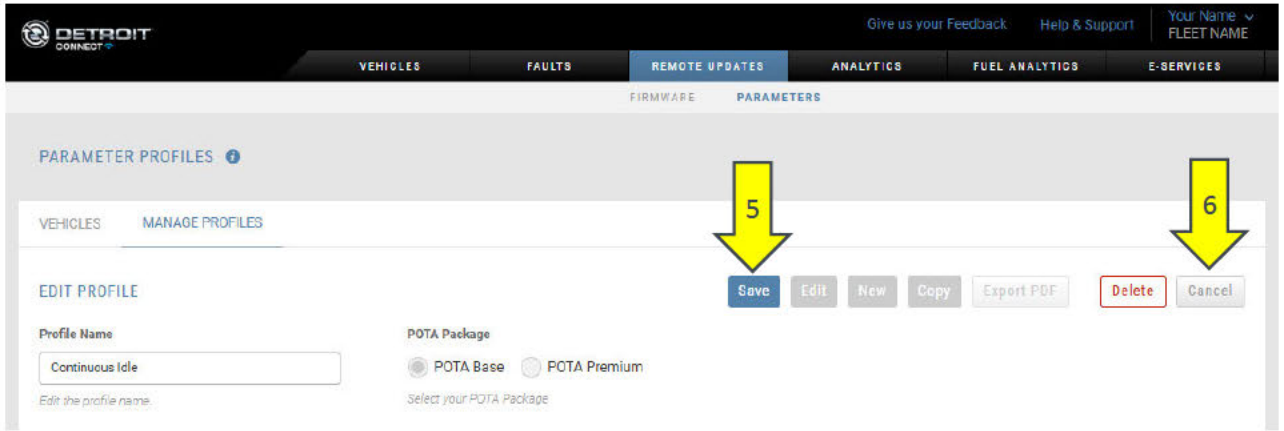
Edit an Existing Parameter Profile

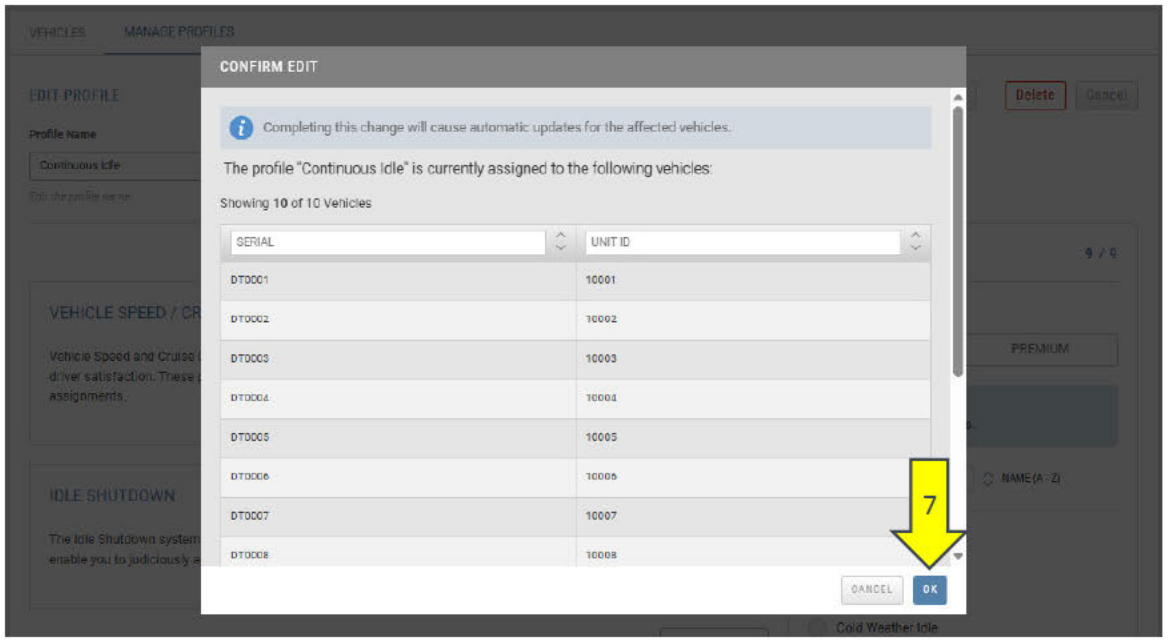
Continued:

5. When you've made your desired changes, click on the **Save** button.

6. Clicking on the **Cancel** button will abort any changes.

7. If the profile you've edited is already assigned to one or more vehicles, completing this change will cause automatic updates for all the affected vehicles (shown in the pop-up screen). Click **OK**.





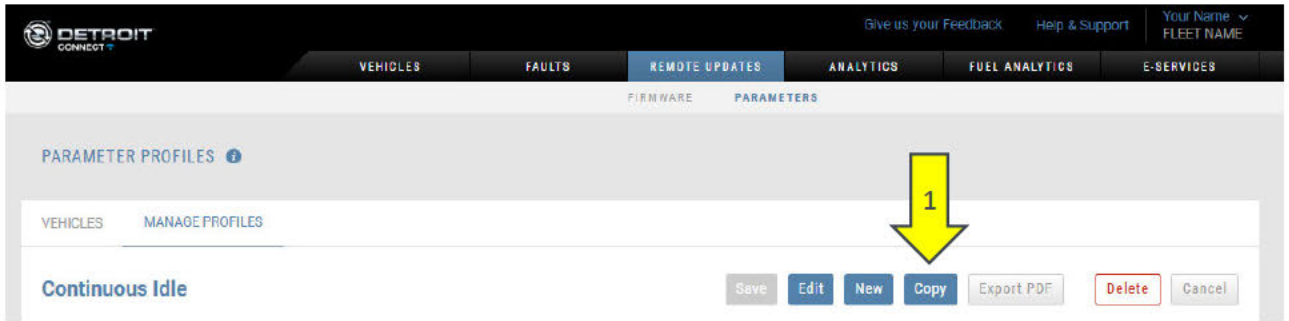
Copy an Existing Parameter Profile

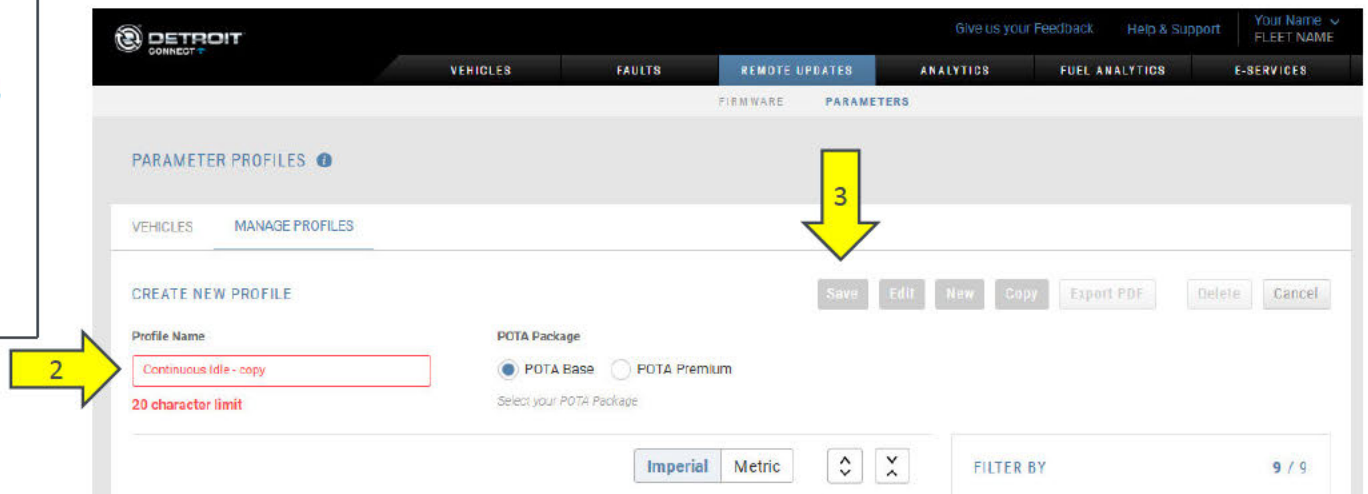
Copying an existing Parameter Profile allows you to use a previously created profile as a template for a new profile, rather than making one from scratch

To copy a profile:

1. Click on the **Copy** button.
2. The original profile's name will be suffixed with "- copy". You can edit the profile name (20-character limit).
3. Adjust specific parameter values as required and click **Save**.

Note: When you copy a profile, the new profile won't initially have any assigned vehicles.





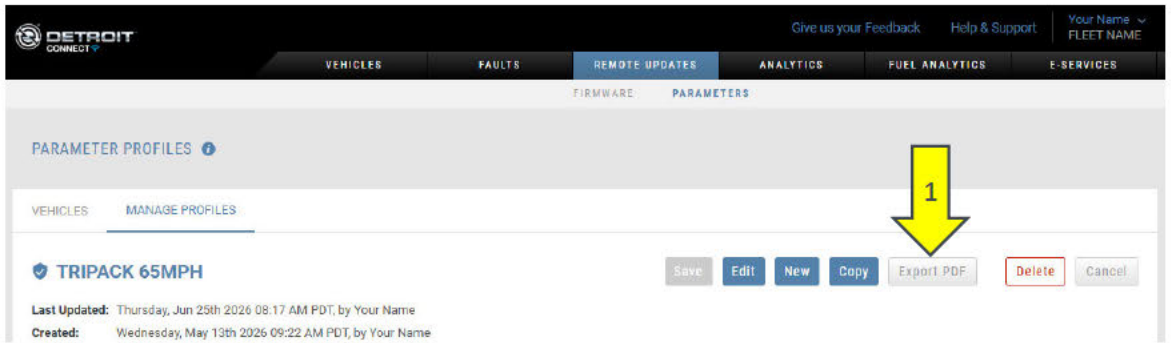
Export PDF of an Existing Parameter Profile

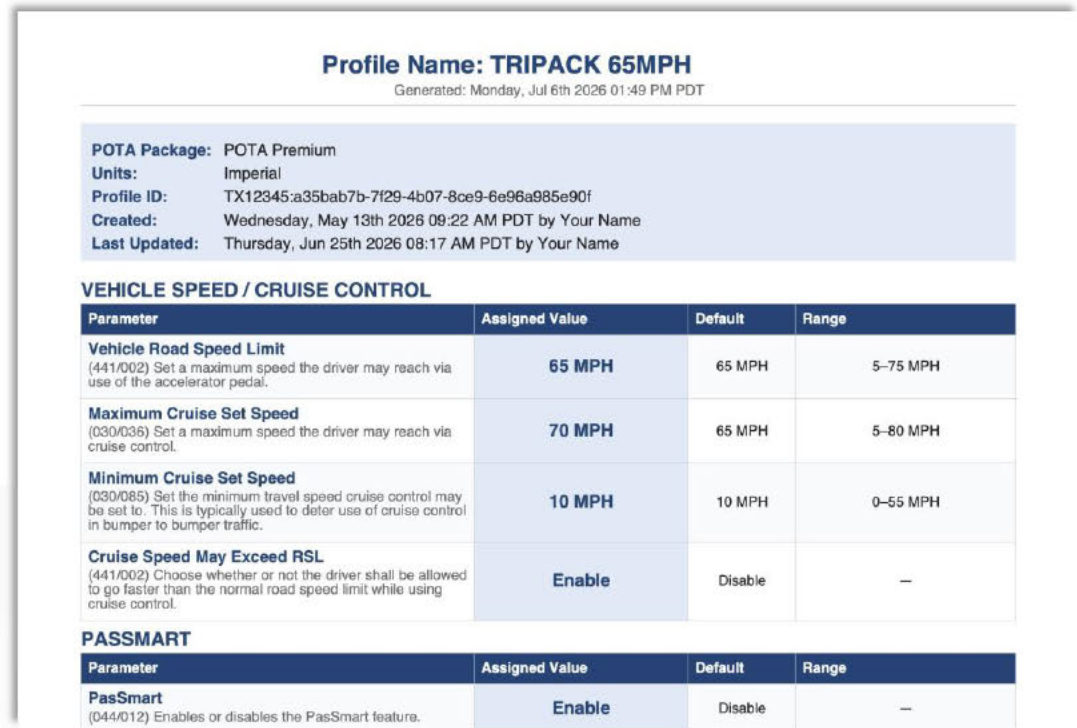
EXPORT PDF provides a detailed, easy-to-read report of parameter profile attributes.

It specifically provides: Parameter Profile name, Report time stamp, POTA Package type, Profile ID (which may be useful for our help desk), Created-by name and time stamp, and Last-Updated name and time stamp. For all parameters in the profile, it provides: Parameter Name, Parameter group number and parameter number (to compare with DiagnosticLink documentation), a plain-English description of the parameter's effect, Assigned Value, Default Value, and Range Limit values.

To use:

1. Click on the **EXPORT PDF** button.
2. View the report. Use browser tools to save or share it.





Profile Name: TRIPACK 65MPH

Generated: Monday, Jul 6th 2026 01:49 PM PDT

POTA Package: POTA Premium
Units: Imperial
Profile ID: TX12345:a35bab7b-7f29-4b07-8ce9-6e96a985e90f
Created: Wednesday, May 13th 2026 09:22 AM PDT by Your Name
Last Updated: Thursday, Jun 25th 2026 08:17 AM PDT by Your Name

VEHICLE SPEED / CRUISE CONTROL

Parameter	Assigned Value	Default	Range
Vehicle Road Speed Limit (441/002) Set a maximum speed the driver may reach via use of the accelerator pedal.	**65 MPH**	65 MPH	5–75 MPH
Maximum Cruise Set Speed (030/036) Set a maximum speed the driver may reach via cruise control.	**70 MPH**	65 MPH	5–80 MPH
Minimum Cruise Set Speed (030/085) Set the minimum travel speed cruise control may be set to. This is typically used to deter use of cruise control in bumper to bumper traffic.	**10 MPH**	10 MPH	0–55 MPH
Cruise Speed May Exceed RSL (441/002) Choose whether or not the driver shall be allowed to go faster than the normal road speed limit while using cruise control.	**Enable**	Disable	–

PASSMART

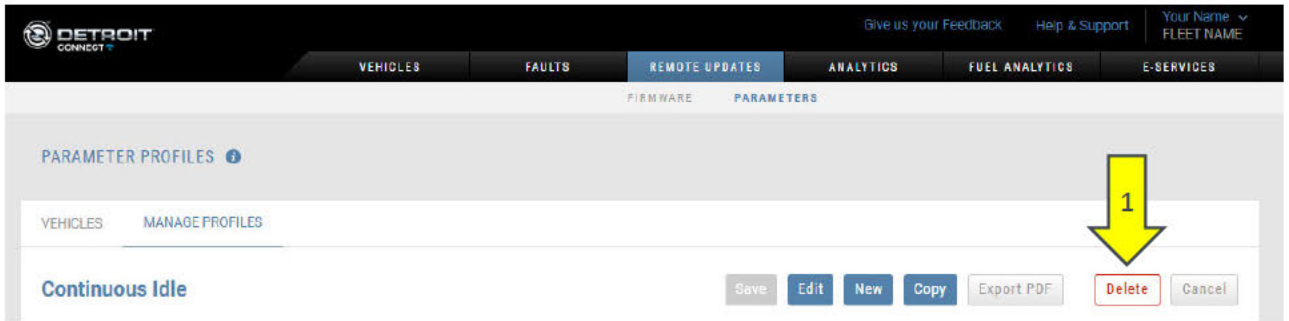
Parameter	Assigned Value	Default	Range
PasSmart (044/012) Enables or disables the PasSmart feature.	**Enable**	Disable	–

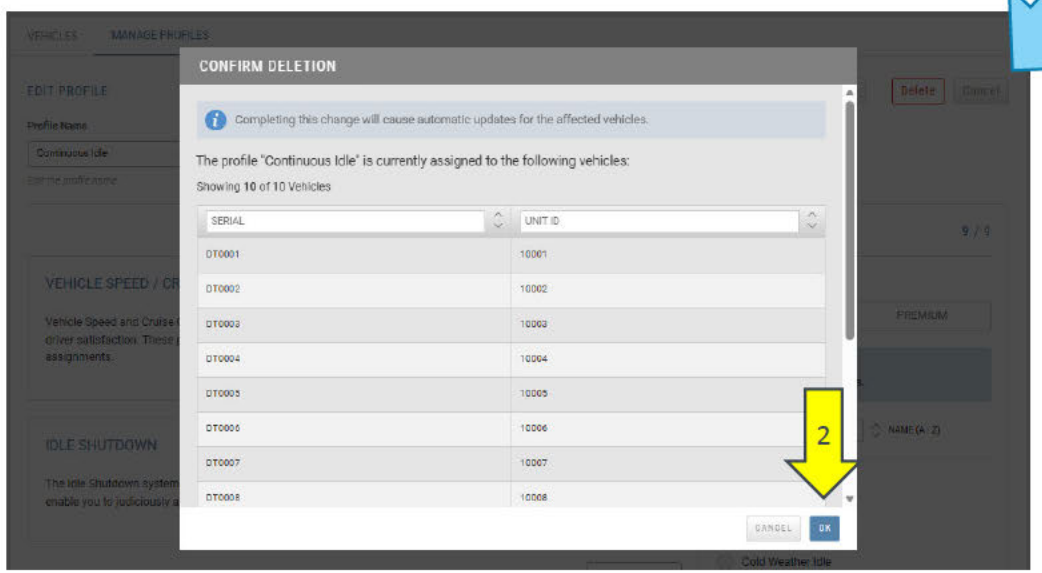
Delete an Existing Parameter Profile

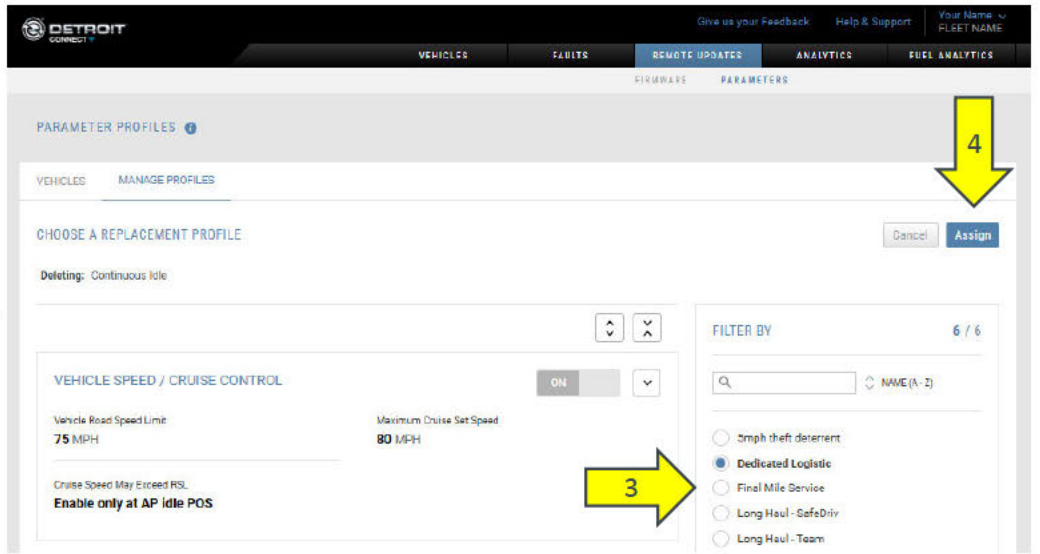
To Delete a Parameter Profile:

1. Click on the **Delete** button. If no vehicles are assigned to the profile, it will be deleted.

2. <u>If the profile you're deleting is already assigned to one or more vehicles, those vehicles must be reassigned to a different profile before the intended profile can be deleted</u>. Review the list of vehicles in the pop-up and click **OK** to proceed.
3. Select a Replacement Profile via the button next to its name.
4. Review the list of vehicles and click on the **Assign** button
5. Once all vehicles have been reassigned, return to Step 1.



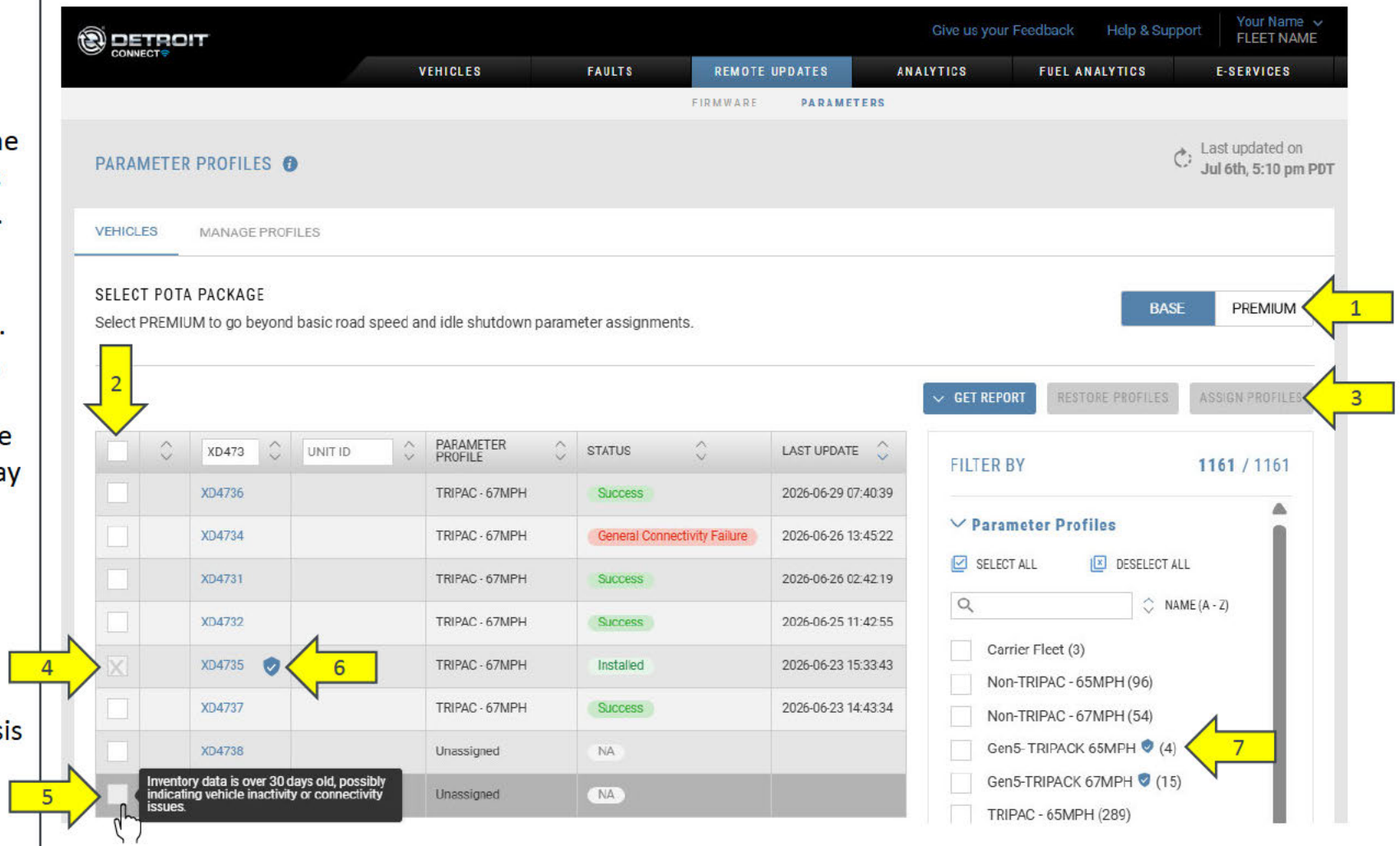




Parameter Profiles Page – Profile Assignment

How to Assign Profiles

1. By default, this page shows all your POTA eligible vehicles and allows you to assign Base profiles. Select the Premium button to filter the page to see only Premium-subscribed vehicles and to assign those vehicles Premium profiles.
2. Use checkboxes to select vehicles to update.
3. When one or more boxes are checked, the ASSIGN PROFILES button will become enabled.
4. If a previous update is in-process for a vehicle, its checkbox will be blocked from selection.
5. A grey button background indicates the vehicle has been offline for 30 days. However, you may attempt an update anyhow.
   Pro-tip: hover your mouse over specific items to see tool-tips, like the example here
6. A badge icon in a vehicle row indicates an active POTA Premium subscription.
7. Profiles already associated with your vehicles are listed in the sidebar Numbers in parenthesis show many vehicles are assigned per profile. Badge icons in this location indicate POTA Premium specific profiles.



Remote Update Status and Troubleshooting

Parameter Profile Status

After profile assignment, view status on the Parameter Profiles page. The LAST UPDATE column shows when status most recently advanced through process steps. By default, we show most recent status changes first. Notice that the page automatically refreshes every three minutes so you can keep an eye on multi-vehicle updates.

Countless issues can block a remote update, so if the process fails you're both welcome and encouraged to try again.

Status	Step	Description
Request Pending	1	A parameter change has been initiated via the Detroit Connect portal.
Preparing	2	The parameter change data is being prepared for transmission.
Sent	3	The parameter change data has been transmitted via cellular connection to the vehicle.
Downloaded	4	Confirmation has been received from the vehicle that parameter change data was received.
Installed	5	A brief key-on/engine-not-running/parking-brake-set condition is required before the parameter change takes effect.
Success	6	The vehicle has confirmed that the parameter change has been successfully completed.
Not Applicable		The vehicle hasn't been assigned a parameter profile yet.
Failed		The vehicle transmitted an error message, and the parameter change has been aborted. This failure may have been caused d by congestion on the vehicle's CAN network or an issue with the Central Powertrain Controller. You should certainly try again, perhaps multiple times. If issues persist, a technician may need to service the vehicle.
General Connectivity Failure		The update was cancelled because we were unable to communicate with the vehicle within 3 days of profile assignment. You may have a cellular connectivity problem or maybe the vehicle is simply parked, perhaps with batteries disconnected?
Vehicle Inactivity Failure		The update expired because the vehicle's engine hasn't been started within 14 days of when the parameters reached Installed status.

If retrying the remote update doesn't help, please contact DetroitConnect@Daimlertruck.com

Parameter Profiles Page – Get Report

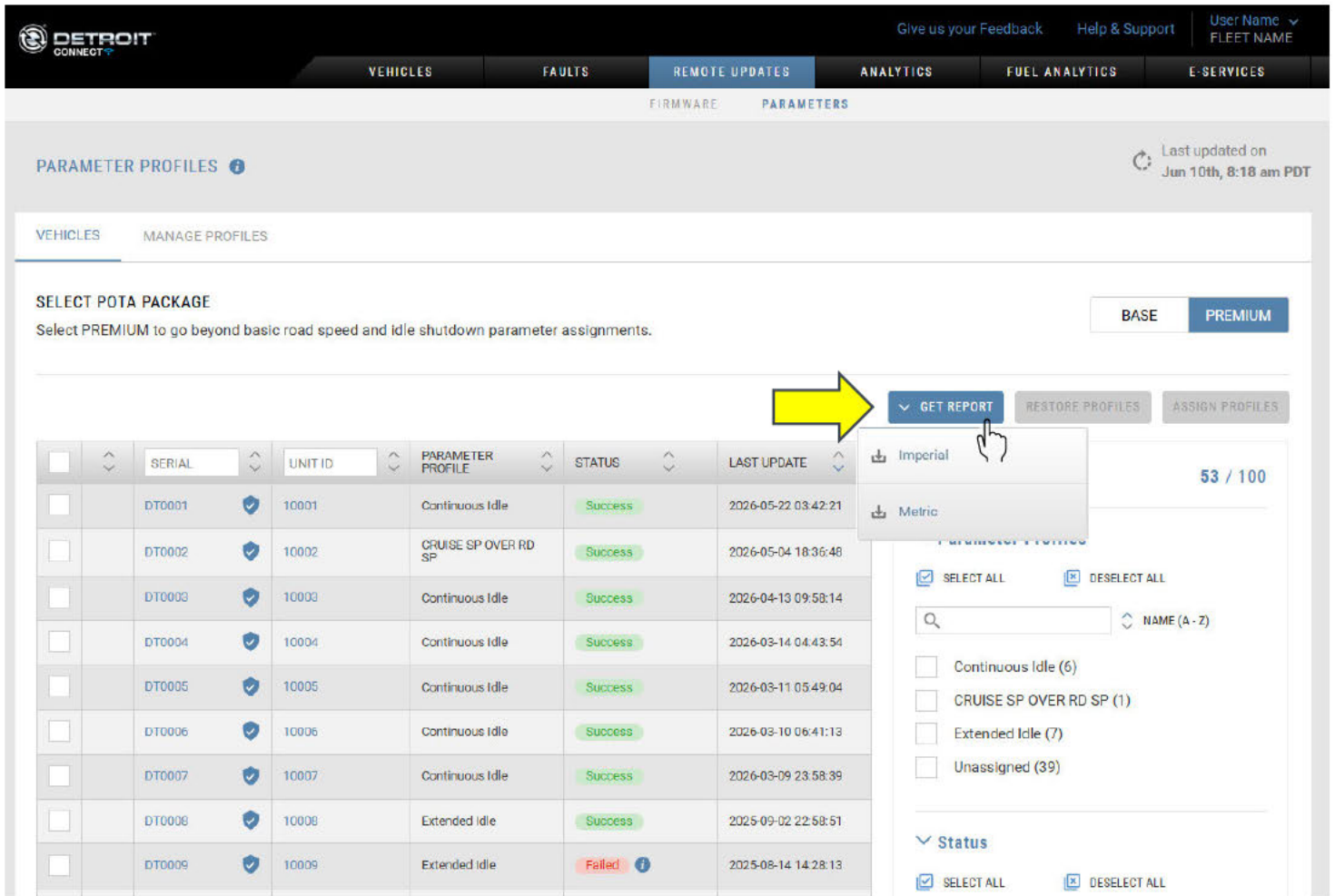
Need to identify and fix messed-up vehicles?

GET REPORT empowers you to see how trucks are presently configured, whether Remote Updates has been used on them or not. It also enables you to verify and audit Remote Updates.

Select the GET REPORT button to extract a .csv spreadsheet with current parameter settings and over-the-air assigned parameter values for your fleet. A drop-down menu will prompt you to select your preferred units-of-measure:

- Imperial = MPH & Fahrenheit
- Metric = KPH & Celsius

Note: by default these reports show every eligible vehicle in your fleet. However, you can use the filter options on this page to focus on specific sub-groups such as Premium-subscribed vehicles or ones you've labeled with particular Custom Tags.



Decoding the Report Data

Use of the powerful GET REPORT feature

The visualization below is a preview of what the report spreadsheet looks like. Below Header and Tooltip rows, you'll find one line of settings data for each vehicle. "Over the Air" (OTA) values reflect your remote updates. "INVENTORY" data is your reality check! It's data your vehicles have automatically reported back so you can monitor present vehicle state. If no parameter profile is assigned to a given vehicle (see Column F), columns G-Q and BT-DF will be blank.

Column	A	B	C	D	E	F	G	H
Header	**Serial**	**Unit ID**	**VIN**	**Most Recent Inventory**	**Subscription Type**	**Parameter Profile**	**OTA Assigned By**	**OTA Assigned Timestamp**
Tips	The final six characters of the 17-digit VIN.	Fleet-assigned.	Vehicle Identification Number for vehicle registration.	How fresh are the INVENTORY columns at right? In normal use vehicles should automatically report parameter settings weekly.	Base subscriptions enable updates of 7 critical parameters. Premium subscriptions enable many additional parameters to be updated per vehicle. 0: Base (including Connect Core) 1: Premium (including Connect Plus) 255: Ineligible for POTA subscription	Name of most recently transmitted (over the air) set of parameter values.	Who assigned the parameters to this particular vehicle?	When was the assignment made?

Column	I	J	K	L	M - Q	R	S – BS	BT - DF
Header	**OTA Status**	**OTA Status Timestamp**	**OTA - Vehicle Road Speed Limit**	**OTA - Cruise V Speed may Exceed RSL**	***Five Additional Base OTA Parameter Assignment Values***	**Vehicle Road Speed Limit – INVENTORY**	***Additional INVENTORY values***	***Premium OTA Parameter Assignment Values***
Tips	What is the status of the update? 0: Pending 1: Preparing 2: Sent 3: Downloaded 4: Installed 5: Success (or Failed)	When did the vehicle communicate update status?	(441/002) Maximum speed reachable via the accelerator pedal.	(441/012) May the vehicle go faster than the road speed limit while using cruise control? 0: Disable 1: Enable 2: Enable only at the accelerator pedal's idle position	*(Due to space constraints, we can't show all headers and tooltips in this User Guide. Please try GET REPORT yourself!)*	(441/002) Maximum speed reachable via the accelerator pedal. 204: SNA	*(Due to space constraints...*	*(Due to space constraints, we can't show all headers and tooltips in this User Guide. Please try GET REPORT yourself!)*

Thank You

Need more help? Please consult the Help & Support tab within Detroit Connect portal or email us at DetroitConnect@daimlertruck.com

Pro-tips:

Successful Remote Parameter Updates require at least one and usually two ignition key (on/off) cycles. Remote Updates take place while Electronic Control Units are waking up. At these times, congestion on the vehicle databus may occasionally block updates. Please be patient when these situations apply.

Inventory freshness (ref: page 21) can be a useful indicator of how healthy the Remote Updates system on the vehicle is. If the Inventory timestamp (in Column D) is more than 21 days old – and you know the vehicle has been routinely operated throughout that period - please advise our support team. They may need to remotely update the Common Telematics System software so you can remotely update the Central Powertrain Controller software.