



## MODEL S SOFTWARE RELEASE NOTES v6.2

With this release, we are introducing new features that greatly enhance Model S's active safety capabilities and expand the car's intelligence to make range anxiety a thing of the past. This software update introduces Blind Spot Warning and Automatic Emergency Braking, provides charging guidance for road trips and ongoing range monitoring, and allows owners to safeguard their car with Valet Mode.

### Driver Assistance Features

The new Driver Assistance features in this release are important additions to the Model S active safety system, designed to intelligently anticipate and react to potentially dangerous situations.

#### Automatic Emergency Braking

Automatic Emergency Braking — a new Collision Avoidance Assist feature — is designed to automatically engage the brakes to reduce the impact of an unavoidable frontal collision.

Automatic Emergency Braking will stop applying the brakes when you press the accelerator pedal, press the brake pedal, or sharply turn the steering wheel.

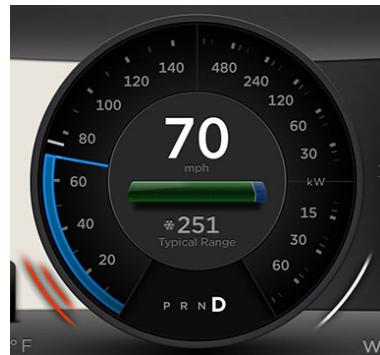
Automatic Emergency Braking is enabled by default. You can temporarily disable this feature via the AUTOMATIC EMERGENCY BRAKING setting in Controls > Settings > Driver Assistance > COLLISION AVOIDANCE ASSIST. Automatic Emergency Braking will re-enable when you next drive.

**Note:** Automatic Emergency Braking operates when you are driving at speeds between 5 mph (8 km/h) and 85 mph (140 km/h).

#### Blind Spot Warning

Blind Spot Warning is a new Lane Assist feature that helps you to change lanes safely. When Model S is travelling between 20 mph (30 km/h) and 85 mph (140 km/h) and detects a vehicle in your blind spot, a white arc will appear on the instrument panel near the bottom of the speedometer. If a collision with the vehicle in your blind spot is likely, two red arcs will appear, the steering wheel will vibrate, and you'll hear a chime.

Blind Spot Warning is enabled by default. You can disable it via the BLIND SPOT WARNING setting in Controls > Settings > Driver Assistance > LANE ASSIST.



#### Additional Improvements

- Forward Collision Warning has been improved to reduce false warnings at low speeds.
- Traffic-Aware Cruise Control has been improved to provide a smoother ride when following another vehicle. Also, the following distance at higher speeds has been reduced.
- The timeout for automatically resuming Traffic-Aware Cruise Control from standstill is now 30 seconds on highways when conditions are clear.

## Energy & Range

### Range Assurance

Model S will now protect you against running out of energy. Model S will continually monitor and advise you when you are at risk of driving beyond the range of any known charging locations. When this warning is triggered, Model S will provide you with a list of charging locations within range, which include Superchargers, Destination Charging partners, and locations where you've previously charged. Select a charging destination from the list and Navigation will provide turn-by-turn guidance along with the predicted battery energy when you get there.

**Note:** Turn-by-turn guidance is only available if your Model S is equipped with Navigation.

### Trip Planner (Beta)

With Trip Planner, you can now take longer road trips with confidence. Simply select a destination, and Navigation will now automatically route you through the appropriate Superchargers if charging is needed for your trip. Trip Planner will select a route to minimize driving and charging time. At each Supercharger stop, Trip Planner will notify you via the iPhone app when you've charged enough to continue on your trip. Android app users can monitor charging needed for the trip via the Charging screen.

Tap on the TRIP button to get an overview of your trip: see the list of Supercharger stops, charging time required at each stop, and duration of each leg. To return to the turn-by-turn directions for the current leg of your trip, tap on the RESUME button.

#### Note:

- Trip Planner is available only if your Model S is equipped with Navigation.
- You will need an updated Tesla iPhone App (v2.5) to receive Trip Planner notifications or an updated Tesla Android App (v2.5) to monitor Supercharging progress. Both apps will be available soon.



## Maps & Navigation

The Maps app has been improved to provide better search results and more flexibility in locating, and navigating to, points of interest.

### Drop a Pin

You can now drop a pin on any point on the map by pressing and holding a spot on the map. You can route to the pin's location by tapping NAVIGATE or save the pin's location as a Favorite by tapping the Favorites icon in the top right corner of the pop-up window.

**Note:** Routing to a pin's location is available only if your Model S is equipped with Navigation.

### Improved Search Results

Search has been improved to provide more relevant results in your vicinity.

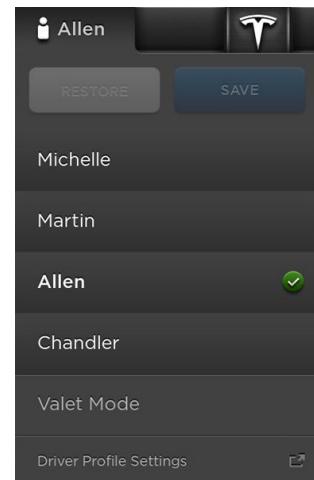
## Valet Mode

Valet Mode limits Model S's driving performance and restricts access to certain settings and personal information, specifically:

- Maximum speed (70 mph, 113 kph) and power
- Frunk and glove box are locked
- Cruise Control/Traffic-Aware Cruise Control is disabled
- The PLACES button on the Maps app is disabled to protect Home/Work addresses
- Driver Profiles and HomeLink settings are not accessible

When you disable Valet Mode, all settings associated with the last selected Driver Profile and Climate Control settings will be restored. In addition, apps on the touchscreen and map positioning will be restored.

You can enable Valet Mode from the Driver Profile drop-down on the touchscreen or via the mobile app (v2.5). You will be asked to establish a 4-digit PIN, which you will use to disable Valet Mode in the car. If you forget your PIN, you can use your My Tesla email address/password to disable Valet Mode and clear out the existing PIN. You will be asked to establish a new PIN the next time you enable Valet Mode.



**Note:** Your car must be in Park to enable or disable Valet Mode.

## Additional Improvements

- The light on the cruise stalk no longer illuminates when cruise is engaged or in standby mode.
- Instrument cluster screen now comes out of Energy Savings Mode faster.

Please refer to the in-car Owner's Manual for more detailed information relating to these features. You can always view the Owner's Manual by tapping the "MANUAL" button in the lower left corner of the Settings Panel.