



Supplementary Owner Information

Subject	Warm Weather Driving Tips
Vehicle Model	Roadster

It's finally Summer and time to enjoy warm-weather driving in your Roadster. We compiled some tips to help you and your Roadster stay comfortable in the heat.

Air Conditioning

The Roadster's air conditioning system is unique to gasoline cars in that it cools both the battery and the passenger cabin. Use these tips to help stay cool.

- **Roll down your windows:** Roll down the windows to blow the warm air out of the passenger cabin. Once you're moving, roll them up and turn on the A/C system.
- **Press the right combination of buttons:** Be sure to twist the temperature dial to cold, depress the A/C button and twist the fan speed to fast – all three controls work together.
- **Re-circulate the air.** Re-circulating the air reuses the cold passenger air instead of the hot outside air.
- **Charge in Range Mode:** Range mode pre-cools the battery. If that battery is already cold, the A/C can focus on you. (Range mode will decrease your battery life over time if you allow the charge to reach 100%. Charge in standard mode then switch to Range mode 20 minutes before you leave. 20 minutes will chill the battery but not reach 100% charge.)
- **Drive in Performance Mode:** Performance mode allows the battery to get warmer before trying to cool it off. If you're driving and you notice the A/C performance trailing off, switch to performance mode and the A/C will be redirected back to the cabin.
- **Adjust your Driving Style:** Aggressive driving heats up the battery pack, which in turn demands more cooling. Drive more conservatively to insure the A/C favors the driver.

Touch Screen Communication

The Roadster employs a sophisticated network of sensors and diagnostics that monitor all the vehicle systems. Some of these systems are sensitive to hot temperatures. **Don't be alarmed** – the Roadster will take care of itself. When driving, you may see messages like these; here's what they mean:

- **Motor Over Temp – Power Reduced:** Your motor is heating up. The Roadster will reduce the power sent to the motor for a few minutes to let it cool down. Driving more conservatively will allow it to cool down even quicker.
- **PEM Over Temp – Power Reduced:** Your Power Electronics Module is heating up. The Roadster will reduce power sent through the PEM for a few minutes to let it cool down. Driving more conservatively will help it cool down even quicker.

Care, Maintenance and Efficiency

Just a few more tips to look after your Roadster in the hot summer months...

- **Check your tire pressure:** Warm weather increases tire pressure. To insure proper wear and peak efficiency, be sure to check your tire pressures regularly.
- **Apply a coat of wax:** A layer of standard automotive wax will protect your Roadster's paint and keep it looking great for years to come.
- **Check your Roadster's coolant level:** The Roadster's coolant tank is located on the passenger side of the battery pack. Coolant expands with heat so check the level when the Roadster is cold. Top up the coolant with Havoline Extended Life antifreeze Coolant-PG (Havoline XLC-PG) or distilled water.

For More
Information

customer@teslamotors.com or 1.877.79Tesla (1.877.798.3752).