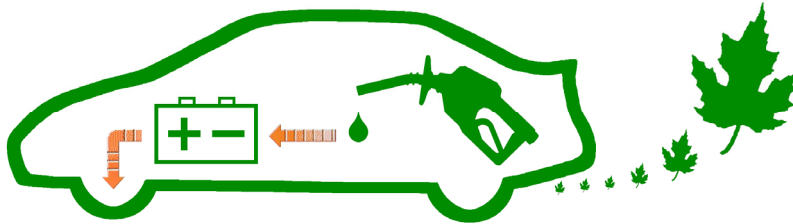


Prius Maintenance

Wiper-Blades



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Wiper-Blade Replacement - This document highlights the components involved with the process of replacing the rubber blades on both the front & rear windshield wipers. Note that no tools are required. Replacement (about every 30,000 to 35,000 miles) can be done entirely by hand.

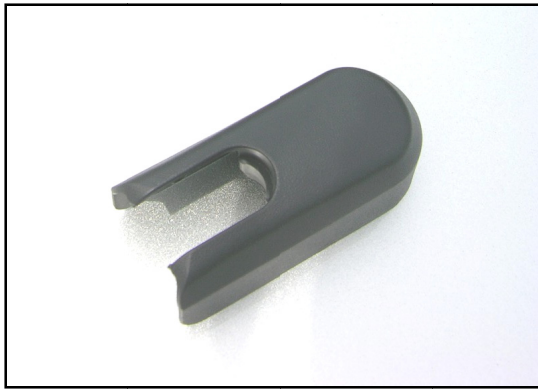
These are the Toyota id numbers of the 3 parts needed for the replacement:

85124 - 46010 (Front Driver)

85124 - 47010 (Front Passenger)

85124 - 44140 (Rear Hatch)





On the previous page, you'll see the rear wiper as it usually looks. At the base of it, notice the plastic clamp (close-up shown to the right). Firmly grab that clamp with your hand, pulling upward. The two edges will give, allowing you to remove it entirely.

Below you can see that with the clamp removed, the rear wiper can be lifted upward. This will provide the extra room needed to conveniently reach the blade for replacement.

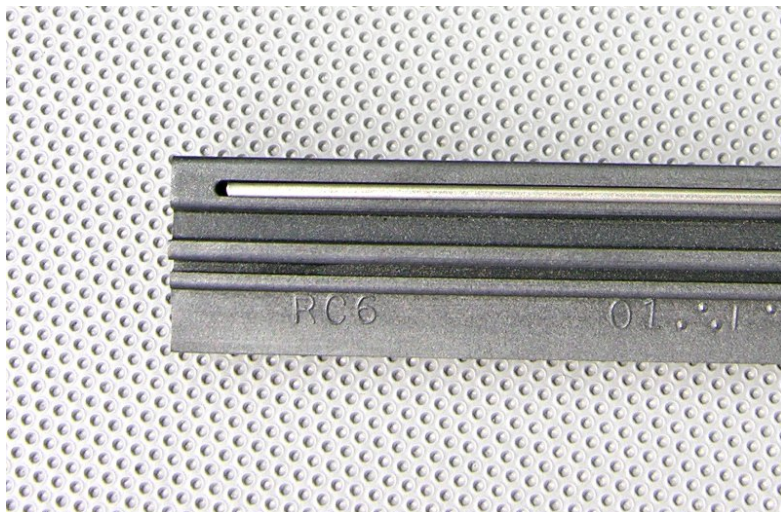




To remove the blade from the wiper, just bend it a little in the middle until it gives enough to clear the stopper at the end of the plastic housing.

The extreme close-up photo below illustrates how the rubber can easily be pulled out without the use of any tools. Just carefully use your hand.

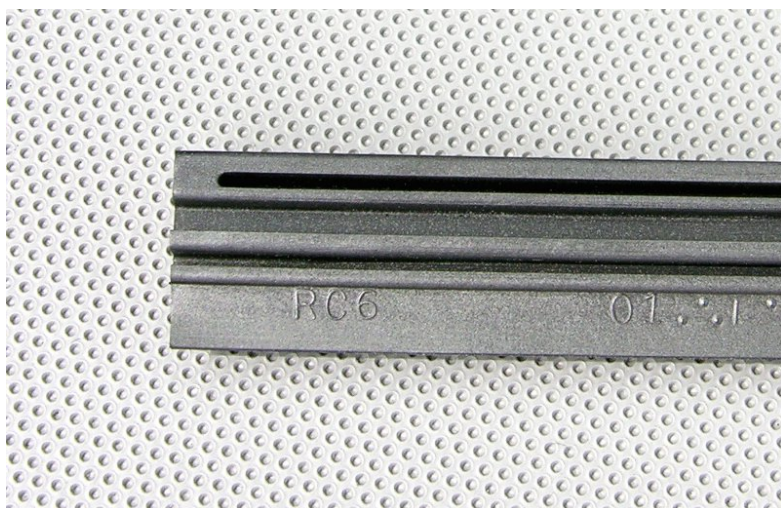




This is a magnified view of the entire wiper-blade, both pieces combined.



This thin & curved piece of metal is the “spine” of the wiper-blade. It provides rigidity, to keep the entire assembly flat against the windshield yet flexible to bend along the contour of the glass as the wiper moves.



This is the blade itself, the part which you will be replacing. It is made out of exceptionally soft rubber.

The narrow edge along the bottom is what touches the window. It develops very subtle pits as it wears out. This causes it to leave streaks, rather than wiping water off the window entirely. That is your indication replacement is needed.

After pulling out the rear wiper-blade out entirely, insert the new one in a few inches without including the metal spine. That empty rubber is much easier to feed through the grip at the end of the wiper-arm. Once it is in, you'll find that slipping the metal spine inside those few inches is relatively simple. (The grip holds it all in place at the same time too.) With the rubber & metal finally combined, you can feed the rest of the wiper-blade through the remaining grips until it snaps in place past stopper at the end.



The front wipers do not require a grip to be removed. They can be lifted (as shown below) simply by just pulling up on each of them individually.





Above is an extreme close-up of the front wiper-blade. Notice (near the “24” on the photo) how it is locked into place with a metal clamp that reaches into the rubber itself.

Below is what the wiper-blade looks like when you squeeze the rubber and pull outward (to the left). That allows you to bend & remove just like you did with the wiper in the rear. Be careful not to tear the rubber, since this is a vital grip to keep everything secure afterward.



Once wiper-blade is loose, you can pull it out entire to replace the rubber blade and reinsert the metal spine.

Both are the larger driver-side and small passenger-side front wipers use the same replacement process, which is different from what was done when replacing the one in the rear.