



How to make Ferrari F40, Ferrari 312PB, and Alfa 33 SSD compatible.

This document applies to the Slot.it Ferrari F40, Ferrari 312PB, and Alfa33 models. These cars are sold as 'SP15' compatible. However for a number of technical reasons, we were never happy with the way SP15 was designed so it was never released to the public. At the time of writing, redesign of SP15 is under way and we expect it to be available in a few months' time.

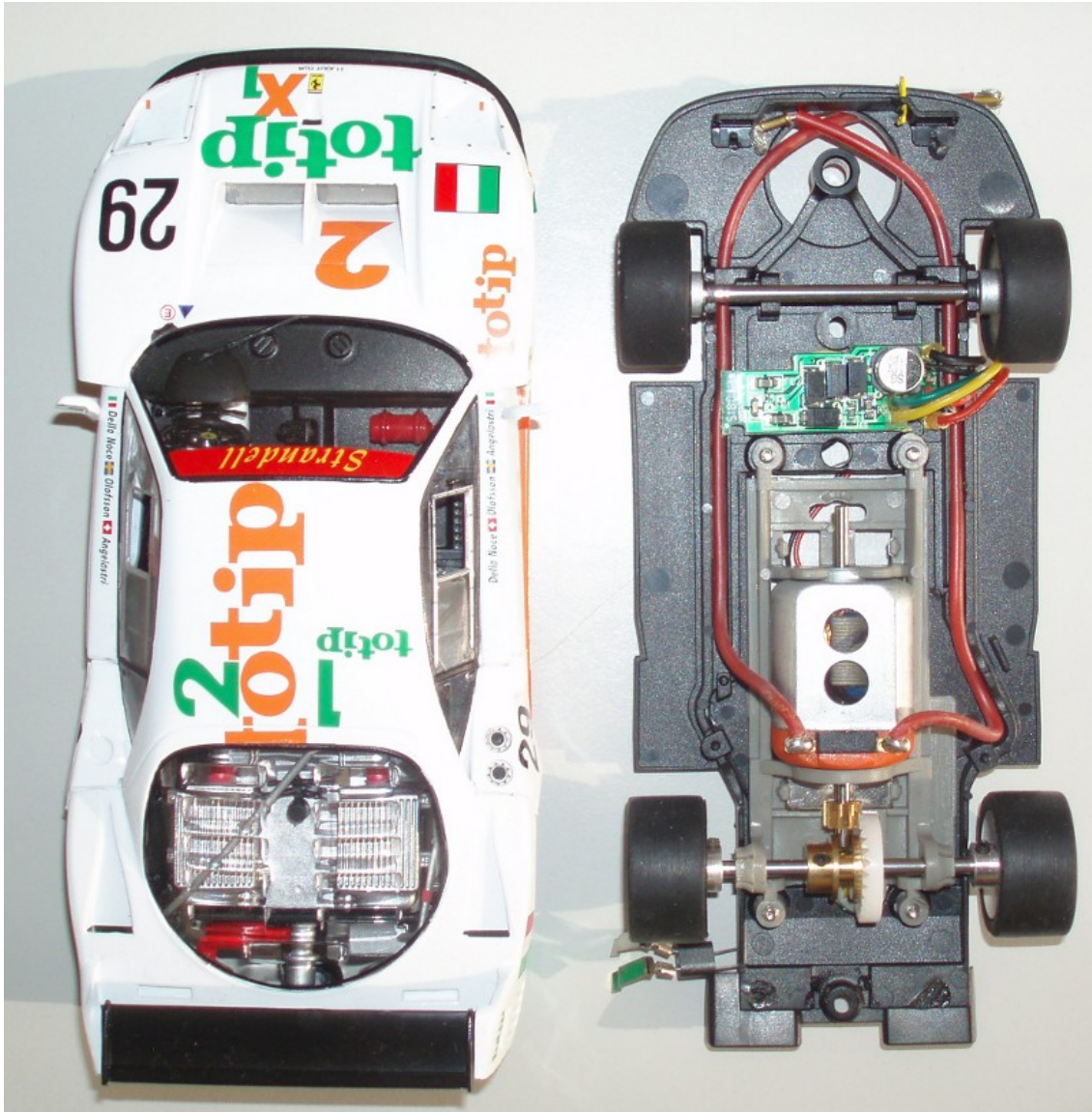
So, for owners of above said models, the solution currently is to use Hornby's own 'F1 chip' code 7005.

The instructions and pictures below describe how to put it in place in the Alfa and Ferrari models.

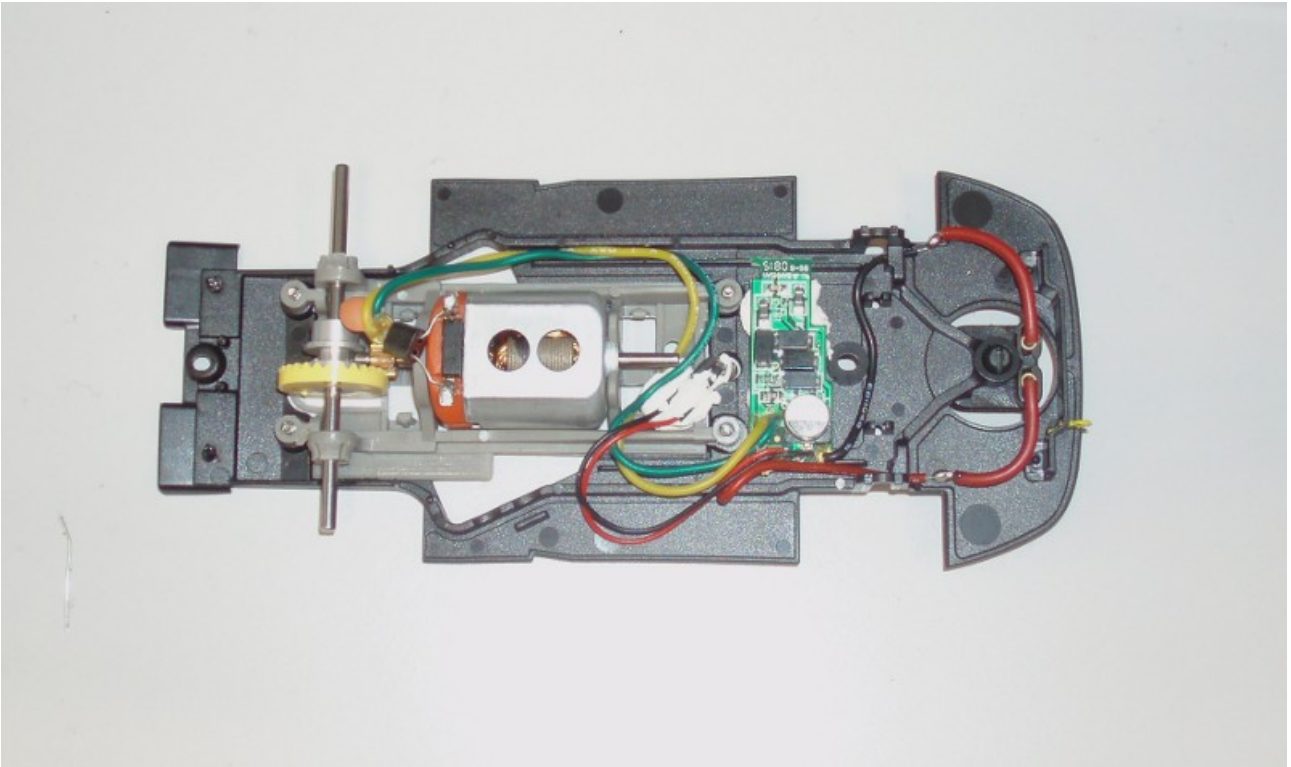
Note that currently Ferrari 312PB and Alfa 33 chassis do not have any holes for the LED, hence they must be drilled through.

1. Ferrari F40

1. Open the car and desolder the original wires from the motor.
2. Assemble the SSD chip in the car, according to the image.

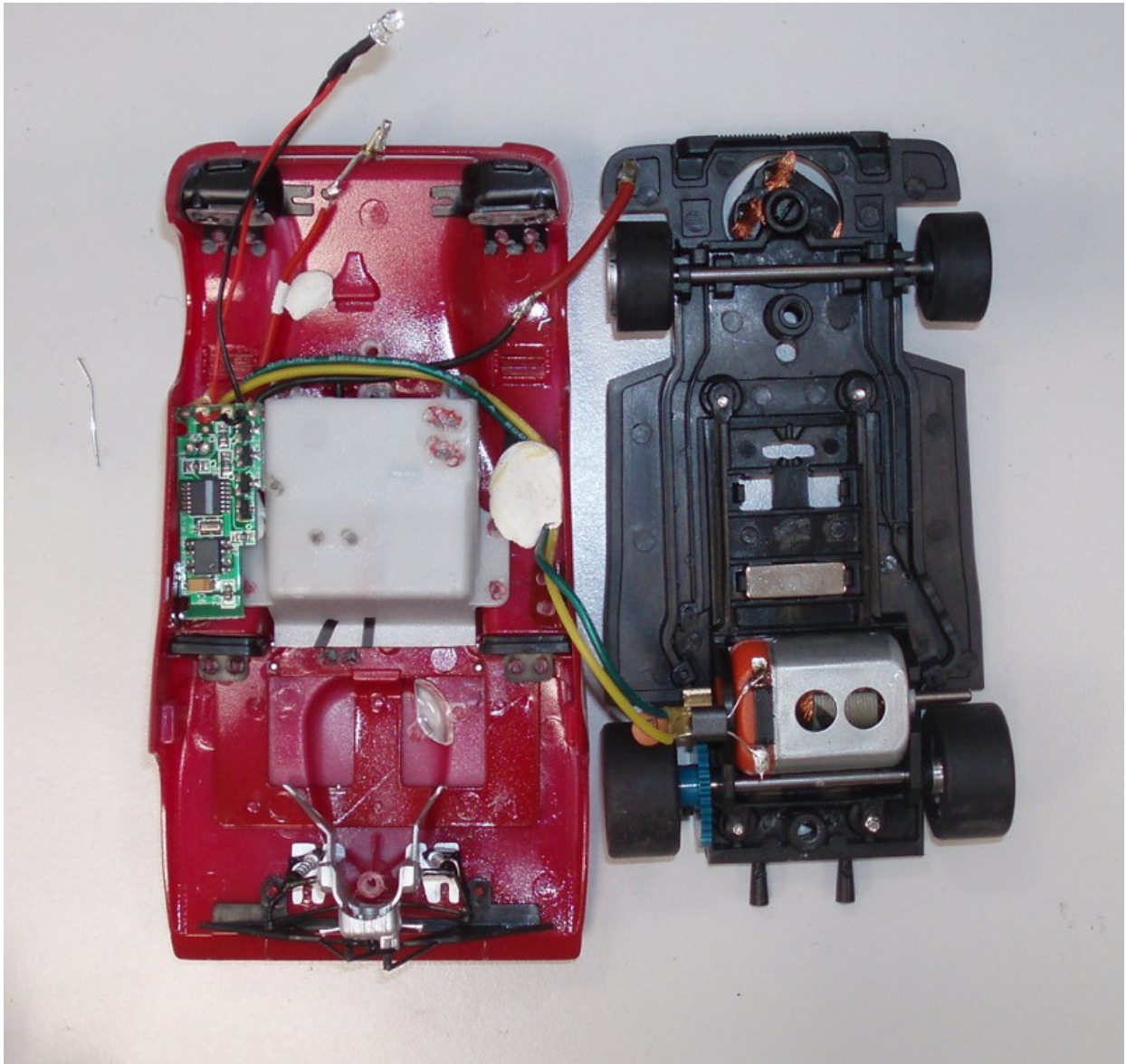


3. Route the cables following the pictures (unless you have a better way, which is likely). Note the polarity of green and yellow cables.
4. Cut approx 1.5 cm of the original (Slot.it) motor wire and solder to the SSD chip power wires, to extend their length. Insulate the joint with nail polish or, better, heat-shrinking sleeve. Alternatively, a better way is to remove the original red and black power cables and replace with trimmed-to-measure Slot.it motor wires. Plug wires in the pickup.

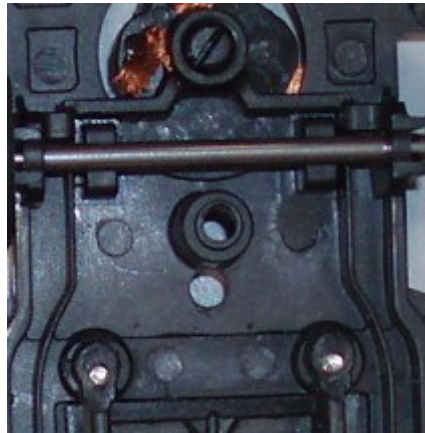


2. Alfa 33

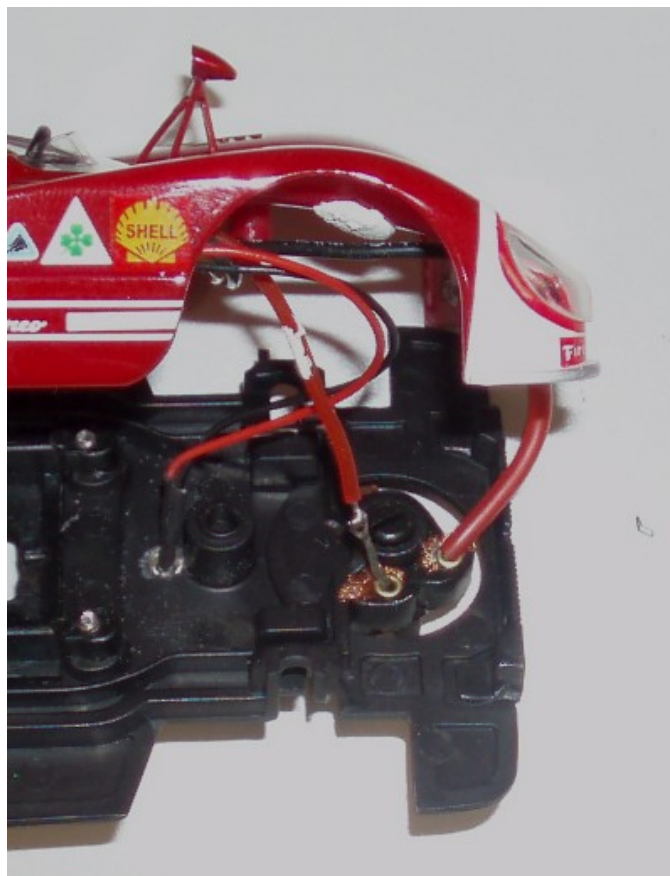
1. Open the car and desolder the original wires from the motor.
2. Assemble the SSD chip in the car, according to the image. Route the cables following the pictures (unless, again, you have a better way, which is certainly possible). Note the polarity of green and yellow cables.



3. Drill a 3mm hole in the chassis, as shown in the picture, right behind the front body screw holder:



4. Extend the lead power wires so you can reach the pickup and open and close the car at will: cut approx 1 cm of the original (Slot.it) motor wire for left cable (SSD black) and 2 cm for right cable (SSD red) and solder to the SSD chip power wires, to extend their length. Insulate the joint with nail polish or, better, heat-shrinking sleeve. Alternatively, a much better way is to remove the original SSD F1 chip red and black power cables and replace with trimmed-to-measure Slot.it motor wires. Plug wires in the pickup.



3. Ferrari 312PB

1. Open the car and desolder the original wires from the motor.
2. Assemble the SSD chip in the car, according to the image.
3. Follow Alfa 33 instructions from point 3

