This document quickly explains the different steps to disassemble the PEPPER and access to the internal part of the PEPPER.

- Remove the first hull of the lower PEPPER part (Cf. figure-1, figure-2). Each part is just fitted and the easy way to remove it is to unlock in first the lower middle clip of the hull (Cf. figure-3). A cable connects the robot motherboard with a small sensorboard on the hull. This cable is short and has to be disconnected from the robot motherboard before totally remove the hull (Cf. figure-4).
• Remove the second hull of the lower PEPPER part (Cf. figure-5). The process to remove it is similar to the previous hull except that the cable has to be
disconnected from the hull board. Indeed, the robot motherboard is not easily accessible from this side of the robot.

Figure 5: The second hull to remove.

• Remove the third hull of the lower PEPPER part (Cf. figure-6).

Figure 6: The third hull to remove.

• When all hulls are removed, the bumper hull is accessible. To remove it, you have to unscrew the screws on the left and on the right of the hull and unlock the upper clip (Cf. figure-7).
• To reassemble PEPPER:
  – Reinstall the bumper hull with the screws
  – Reinstall the middle hull taking care to well up the little plastic of the hull (Cf. figure-8) and that the cable to connect to the sensorboard of the right hull is accessible
  – Reinstall the right hull taking care to reconnect the cable
  – Reinstall the left hull taking care to reconnect the cable

Figure 7: Bumper access.

Figure 8: Plastic part for the middle hull.