

Reference	SSM73603
Models	E-PACE / X540 F-PACE / X761 XE / X760 XF / X260
Title	AJ200D - Fuel misting when filling with fuel
Category	Engine
Last modified	10-Dec-2017 00:00:00
Symptom	404000 Fuel System Concerns
Content	<p><u>Issue:</u> Fuel misting may be seen from the fuel tank filler neck, with the fuel filler cap removed and when filling with Diesel fuel.</p> <p><u>Cause:</u> When the fuel is returned to the tank from the engine, it is deposited into the swirl pot to maintain the fuel delivery performance of the system. The re-circulated fuel is hot, so it may sometimes create a mist inside the tank. When the car is re-fuelled, the mist may escape through the filler neck and can be seen with a naked eye.</p> <p>This is a natural phenomenon and can only take place if all of the following conditions are met:</p> <ul style="list-style-type: none">• Low fuel level in the tank (approximately 10 litres or less).• Normal fuelling flow rate.• A temperature difference of 50 degrees Centigrade (or 122 deg. Fahrenheit) between the fuel inside the swirl pot and the fuel inside the tank (Example: An engine has been run shortly before re-fuelling and there was not enough time for the mist to condensate inside the tank). <p><u>Action:</u> No action required. Typically such gentle mist may form and escape the fuel tank if the above conditions are met.</p> <p>Technicians - Please rate this SSM and provide comments so that future communications can be improved.</p>

1 = Poor – Basic information provided – The SSM does not help me resolve the customer concern.

3 = Average – Adequate information provided – The SSM partially helps me resolve the customer concern.

5 = Excellent – All required information provided to resolve the customer concern.