

Reference	SSM73980
Models	Discovery / L462
Title	Vehicle drift to right during straight ahead driving
Category	Chassis
Last modified	23-Jul-2018 00:00:00
Symptom	303000 Steering/Handling
Content	<p>This SSM is only applicable to Left Hand Drive (LHD) vehicles with air Suspension</p> <p>Issue:</p> <p>The customer may express a concern that vehicles drift to the right during straight ahead driving. The concern is coupled with a need to constantly apply an opposing force at the steering wheel to maintain straight ahead driving.</p> <p>Cause:</p> <p>Jaguar Land Rover is investigating this issue</p> <p>Action:</p> <ul style="list-style-type: none"> • Perform Ride Height Calibration with vehicle in centre ride height position using Topix procedure: 204-05: Vehicle Dynamic Suspension - General Procedures - Ride Height Adjustments • Perform a 4 wheel alignment to nominal and centre - as per Topix procedure: 204-00: Suspension System - General Information - General Procedures - Four Wheel Alignment <ul style="list-style-type: none"> ◦ Perform the alignment taking time to ensure all toe values are as close to centre as possible. Please double check these values against TOPIX specification. Ensure the steering wheel is absolute centre with no preload. • Asses vehicle for pull/drift - repeat assessment 3 times. Has there been a change? • If yes, release vehicle back to customer and raise an ePQR • If after the above the vehicle is still pulling swap the front wheel and tyre assemblies left to right and rear assemblies left to right. • Reassess vehicle for drift / pull. Repeat assessment 3 times. Has there been a change? • If the vehicle still pulls or drifts excessively please raise a Technical Assistance case on GCM (Global Concern Management) - this needs to be escalated to engineering

Technicians - Please rate this SSM and provide comments so that future communications can be improved.

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.