

2.5 Front Suspension, Wheel Bearings and Drive Shafts

Method of Inspection	Reason for Rejection
<p>B. Suspension joints (wheels on turning plates or on wheel play detectors if ATL approved)</p> <p>For vehicles with suspension types figures 3, 3a and 4 shown on Suspension Type Diagram, lower the front wheels so that they</p> <ul style="list-style-type: none"> ▪ bear the weight of the vehicle, and ▪ are resting on turn plates which enable the wheels to be turned freely lock to lock or if ATL approved resting on wheel play detectors <p>Inspect as follows</p> <ol style="list-style-type: none"> 1. Grasp the top of each front wheel and rock it vigorously in and out to check for play. This method of inspection is to be repeated using the assistant to rock the top of the wheel in and out while the tester examines the relevant items. If ATL approved this inspection is carried out on wheel play detectors in side-to-side mode. <ul style="list-style-type: none"> a. in the upper and lower suspension ball joints and wishbone bearing <p style="text-align: right;">Cont'd ↓</p>	<ol style="list-style-type: none"> 1. <ul style="list-style-type: none"> a. <ul style="list-style-type: none"> ▪ excessive play in suspension ball joint ▪ a ball joint securing nut loose or not locked ▪ excessive play in a pin or bush in an inner wishbone bearing pin or bush (cross check with sub section 2.4G MOI 3) <p style="text-align: right;">Cont'd ↓</p>