

We also carry out MOT testing on QUAD Bikes!

Quick Guide To Quad bike Testing!

1. Lighting

Requirements for Tricycles and QuadBikes		
Lamp	Number	Remarks
Dipped Beam Headlamp	1 or 2	if one it must be mounted centrally, or if adjacent to another lamp (e.g. main beam lamp) they must be mounted symmetrically about the centre. If two they must be symmetrically mounted
Front position Lamp	1 or 2	if one it must be mounted centrally, or if adjacent to another front lamp (e.g. a headlamp) they must be mounted symmetrically about the centre. If two they must be symmetrically mounted If the maximum vehicle width exceeds 1300mm, two front position lamps are required
Rear position Lamp	1 or 2	if one it must be mounted centrally, If two they must be symmetrically mounted If the maximum vehicle width exceeds 1300mm, two rear position lamps are required
Stop Lamps	1 or 2	if one it must be mounted centrally, If two they must be symmetrically mounted If the maximum vehicle width exceeds 1300mm, two stop lamps are required
Direction Indicators	2 Front, 2 Rear	Only required on "bodied" 3 wheel mopeds. A Tell Tale must be fitted.
Rear Reflector	1 or 2	if one it must be mounted centrally, If the maximum vehicle width exceeds 1000mm, two reflectors are required

2. Motorcycle Derived Steering / Suspension Systems

This section should be read in conjunction with sections 2.3 - 2.7 of this manual	1. Examine the handlebars and fork yokes	1. A Handle bar or fork yoke <ol style="list-style-type: none"> deformed fractured cracked excessively corrode clamps not tight, or any bolt loose or missing handgrips missing or not secure to handle bars handlebar flexible mounting excessively deteriorated.
	2. Turn the steering from lock to lock with the steered wheel both on a turning plate and clear of the ground	2. <ol style="list-style-type: none"> any fouling or restriction of the free movement of the steering from lock to lock. handlebar grip/s or handlebar mounted control/s have no clearance with any other part of the machine when the steering is placed on either full lock. Steering movement excessively stiff or

		rough.
	3. Examine the steering damper.	3. Steering damper a. insecure b. ineffective c. impairing the steering action
	4. Examine the steering head bearings.	4. Excessive free play in the steering head bearings.
Reason for rejection 5 does not apply to fork gaiters or shrouds	5. Examine the front suspension assembly.	5. A front suspension assembly component which is a. missing b. loose c. cracked d. excessively bent, misaligned, corroded, worn, or has excessive free play between the sliding members of the forks, the pivot bearings or bushes. e. restricted in operation f. fouling
	6. Examine the suspension springs.	6. A suspension spring a. incomplete b. cracked c. fractured d. excessively worn or corroded such that its cross sectional area is reduced to the extent that it is seriously weakened e. repaired by welding
Leaking Dampers Light misting of the fork stanchion is not a reason for rejection	7. Examine the suspension dampers.	7. A suspension damper a. insecure b. leaking c. fouling d. with inadequate damping effect
	8. Examine the hub/wheel assembly.	8. A hub/wheel assembly with a. a loose spindle or securing nut(s) b. a spindle securing nut locking device missing or insecure c. excessive roughness, tightness or free play in a bearing d. any part of the assembly fouling another component.
	9. Examine the vehicle structure	9. Deliberate modification which significantly reduces the original strength, excessive corrosion, severe distortion, a fracture or an inadequate repair of a load bearing member or its supporting structure or supporting panelling within 30cm of any sub frame, spring, suspension or steering component mounting, that is within a prescribed area.

3. Brakes

<p>This section is in addition to section 3 and is specific to vehicles with handlebar mounted brake controls.</p> <p>Anti-Lock braking systems if fitted with ABS they must be tested as described in section 3.4 of this manual, with the exception of the sequence of operation.</p>	<p>1. Check the brake controls and mountings</p>	<p>1. A brake control or mounting</p> <ul style="list-style-type: none">a. insecureb. attachment screw loose or missingc. cracked or fracturedd. excessively worn control lever pivotse. has inadequate reserve lever travelf. inoperative or so damaged, positioned, bent or shortened that the brake cannot be readily appliedg. which cannot be applied and released smoothlyh. deliberately modified so the original strength is seriously reducedi. excessively corrodedj. inadequately repaired

Where a linked system is operated by one control, the retarding force used in the efficiency calculation is the total from all wheels when operated by that control only.

When testing vehicles not listed on the brake data chart, conduct brake performance checks set out in section 3.

When calculating total efficiencies use the locked wheel criteria explained in notes in section 3.7, page 23.

If the vehicle does not meet this standard then a further brake test using a decelerometer may be conducted in order to assess the brake efficiency only when it is safe to do so. If it is not safe, then the presenter should be asked to provide evidence of the un laden weight of the vehicle and the efficiencies should be calculated using the un laden weight plus 140kg (300lbs)

A quad cycle with a single service brake control that operates the brakes on all wheels

Service Brake		Parking Brake
50%	25% if single line system	16% if a split (dual) system

A tricycle, three wheeled moped, quad cycle or light quad cycle with two service brake systems each having a separate means of operation

Service Brake		Parking Brake
30% from either system	25% from the other system	16%

A tricycle with a single service brake control that operates the brakes on all wheels first used on or after 1 January 1968.

Service Brake		Parking Brake
50%	25% if single line system	16% if a split (dual) system

A tricycle with a single service brake control that operates the brakes on all wheels first used before 1 January 1968.

Service Brake		Parking brake
40%	25% if a single line system	16% if a split (dual) system

A three wheeled moped or light quad cycle with a single service brake control that operates the brakes on all wheels

Service Brake		Parking brake
	25% if a	16% if a

4. Tyres

The table below gives the minimum tread depth requirements for Specified tricycles and quad cycles. Reference should also be made to section 4.1D of this manual

Vehicle Type	Minimum tread depth
All quad cycles	1.6mm
Tricycles with an unladen weight exceeding 410kg	1.6mm
Tricycles with an unladen weight not exceeding 410kg and an engine capacity greater than 50cc	1.0mm
Tricycles with an unladen weight not exceeding 410kg and an engine capacity not greater than 50cc	Visible tread pattern is clearly visible around the entire circumference and across the whole breadth of the tread

5. Seat Belts

<p>The seat belt inspection applies to all tricycles and quad cycles except</p> <ul style="list-style-type: none"> . 3 wheeled mopeds and quad cycles having an unladen weight of not more than 250kg . Tip up occasional seats fitted to any vehicle . a sit astride, saddle type driver's seat on an un bodied tricycle or quad cycle, or any sit astride, saddle type passenger seat that is immediately in front or behind the driver in a longitudinal plane. . Some un bodied vehicle may have been type approved without seat belts. These are acceptable, provided there is evidence that they have been type approved to 92/61/EEC or 2002/24/EC this information will normally appear on the manufacturer's plate. <p>The requirements for tricycles and quad cycles first used before 17 June 1999 are covered by section 5 of this manual.</p> <p>Note: Additional seats to the side of, and non-sit astride seats directly behind the driver/passenger are required to be fitted with the minimum of a lap belt.</p>	<p>Table of minimum requirements for tricycles and quad cycles first used on or after 17 June 1999.</p> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Driver's Seat</th> <th>Outboard (front) passenger seat</th> <th>Centre front seat</th> <th>Forward facing rear seats *</th> </tr> </thead> <tbody> <tr> <td>3 point lap and diagonal belt (may be static or inertia), harness or disabled persons belt.</td> <td>3 point lap and diagonal belt (may be static or inertia), harness or disabled persons belt.</td> <td>a lap belt, 3 point lap and diagonal belt(may be static or inertia)harness or disabled persons belt.</td> <td>a lap belt, 3 point lap and diagonal belt(may be static or inertia)harness or disabled persons belt or child restraint</td> </tr> </tbody> </table> <p>* Includes outboard forward facing seats fitted to un-bodied tricycles.</p>	Driver's Seat	Outboard (front) passenger seat	Centre front seat	Forward facing rear seats *	3 point lap and diagonal belt (may be static or inertia), harness or disabled persons belt.	3 point lap and diagonal belt (may be static or inertia), harness or disabled persons belt.	a lap belt, 3 point lap and diagonal belt(may be static or inertia)harness or disabled persons belt.	a lap belt, 3 point lap and diagonal belt(may be static or inertia)harness or disabled persons belt or child restraint
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6. Body and Structure

<p>This inspection only applies to Vehicles designed or modified to have footrests for the driver and/or passengers. These must only be inspected where it is clear that they are required for the safe operation of the vehicle</p>	<p>1. Check driver and passenger footrest for presence and security</p>	<p>1. A missing or insecure footrest.</p>

7. Exhaust, Fuel and Emissions

<p>All tricycles and quad cycles are exempt from emissions testing.</p>

8. Drivers View of the Road

<p>This section must be read in conjunction with section 8 of this manual</p> <p>Obligatory Mirrors</p> <p>Bodied vehicles must have two mirrors, one of which must be fitted to the offside. un bodied vehicles other than mopeds must have one offside and one nearside mirror. un bodied vehicles classed as mopeds must have one mirror. If first used on or after 1 August 1978 it must be fitted to the offside.</p> <p>Wipers and Washers</p> <p>Un bodied tricycles and quad cycles fitted with a motorcycle style windshield are not required to be fitted with windscreen wipers or washers.</p> <p>Windscreen</p> <p>Motorcycle style windshields fitted to un bodied tricycles and quad cycles are not to be considered as windscreens and are therefore not subject to the inspection detailed in section 8.3 of this manual.</p>

