

### A Frame Service Inspection Check List

Registration \_\_\_\_\_

Make & Model \_\_\_\_\_

Technician \_\_\_\_\_

Date \_\_\_\_\_

1st 2nd or 3rd inspection \_\_\_\_\_

	Pass	Fail	Repaired / Replaced	Complete
Carry out Vehicle Pre inspection				

<b>Exterior Checks</b>				
1 Inspect Plastic Caps in Bumper				
2 Screw in Pins and check alignment with holes in bumper				
3 Check 13 pin socket function and security				
4 Check breakaway location, function and security				
5 Check for signs of accident damage				
6 Check condition of triangle board				
7 Check operation and security of number plate spring clamps				

<b>Structural Checks</b>				
1 Remove Front Bumper				
2 Check Socket Plate secure to crashbeam if fitted				
3 Check breakaway security to crashbeam or alternative mounting point				
4 Inspect collar threads and test and inspect collar weld joints				
6 Inspect A frame pin threads for condition and weld joints				
7 Inspect crashbeam foot welded joints				
8 Inspect crashbeam mounting bolts condition and tight				
9 Inspect chassis side of crashbeam foot mount for fatigue				
10 Inspect crash beam for corrosion, wear or twist.				
11 Refit Front Bumper				

<b>Brake Checks</b>				
1 Check normal operation of brake servo when used as car				
2 Check pipework routing for damage or leaks				
3 Check pedal clamp security				
4 Check pulley and cable anchor point secure				
5 Check cable condition for wear and alignment				
6 Check piston is secure				
7 Check full pedal travel under Invisibrake operation				
8 Check Invisibrake pressure setting				

<b>Electrical System Checks</b>				
1 Plug in to test full rear light operation using customers 13 pin lead				
2 Test sidelights and number plate light				
2 Test indicators				
3 Test fog light				
4 Test reverse light				
5 Test brake light operation and ensure minimum delay				
6 Unplug tester				
7 Check condition of fuse				

<b>Towmaster 1 Checks</b>				
1 Check condition of pins (welds, straight, and threads)				
2 Install pins into crashbeam and ensure straight				
3 Check A Frame alignment straight and torque bolts to 96Nm				
4 Check coupling bolts torque to 96Nm				
5 Check and clean R Clips and pins for wear and corrosion				
6 Check ease of locking arm movements				
7 Silicone lubricate arms and threads				

<b>Towmaster 2 Checks</b>				
1 Check condition of pins (welds, straight, and threads)				
2 Install pins into crashbeam and ensure straight				
3 Check A frame alignment straight and torque to 96Nm				
4 Check coupling bolts torque to 96Nm				
5 Check and clean Lynch Pins for wear and corrosion				
6 Check ease of movement, locking out and condition of O rings				
7 Lubricate with silicone spray				

<b>Final Inspections</b>				
1 Ensure car is fully rebuilt and inspect for imperfections				
3 Ensure all A Frame parts are returned into the car				
4 Carry out post work vehicle inspection				