



Safety

You will not need to use welding or grinding equipment in the building of a Westfield Sports car, however, it is very important that you take ALL necessary SAFETY precautions.

1. ALWAYS WEAR

- Goggles or protective glasses when drilling.
- Protective gloves when handling fibreglass.

2. DO NOT Guess at the torque settings.

- Always refer to the torque settings
- If you do not own a torque wrench, then hire one from a good quality hire shop.

3. IT IS ESSENTIAL that the supports placed under the chassis during the build process are suitable and SAFE for use.

- Westfield Sportscars manufacture chassis support frames that are designed specifically for the purpose and are available from the factory.

4. DO NOT use bricks, building blocks or wooden packing cases.

- Bricks and building blocks are not suitable as they are liable to topple.
- Wooden packing cases are not suitable as they are liable to crush as the weight of the car increases during the build process

5. DO NOT connect the battery positive lead until the wiring loom has been fully installed and all earth cables have been connected.

- The battery must not be connected until all tests have been completed

6. DO NOT fill the fuel tank until the car is complete.

- The fuel tank must not be filled until all of the “set-up” tests have been completed.

7. PLEASE take care with brake fluid and brake fluid spillage

8. ALWAYS have a suitable fire extinguisher at hand.

Have FUN but please, be SAFE



Torque Chart

Brake System

	Component	Thread	Lb/ft	Nm	Notes
1	3-way Brake Pipe Union	M10 x 1.0	5 lbft	7 Nm	MAX
2	Brake Pressure Switch	M10 x 1.0	5 lbft	7 Nm	MAX
3	Front Brake Calliper Mounting Bolts	M12 x 1.75	40 lbft	54 Nm	
4	Rear Brake Calliper Mounting Bolts	M10 x 1.5	35 lbft	47 Nm	Loctite

Suspension

	Component	Thread	Lb/ft	Nm	Notes
5	Track Rd End Nuts To Steering Arm	7/16" UNF	28 lbft	38 Nm	
6	Wishbone Securing Bolts To Chassis	7/16" UNF	30 lbft	40 Nm	
7	Lower Ball Joint Securing Bolts to Wishbone	M10 x 1.5	28 lbft	34 Nm	
8	Lower Ball Joint Nut To Upright	1/2" UNF	25 lbft	34 Nm	
9	Top Ball Joint Nut To Upright	M12 x 1.5	25 lbft	34 Nm	
10	Shock Absorber To Chassis Mounting Bolts	7/16" UNF	30 lbft	40 Nm	

Steering

	Component	Thread	Lb/ft	Nm	Notes
11	Upper Steering Column Mounting Bolts	M8 x 1.25	20 lbft	27 Nm	MAX
12	Steering Column Universal Joint	M8 x 1.25	20 lbft	27 Nm	MAX
13	Steering Rack Mounts	M8 x 1.25	20 lbft	27 Nm	MAX
14	Steering Wheel Nut	9/16" UNF	35 lbft	47 Nm	

Transmission

	Component	Thread	Lb/ft	Nm	Notes
15	Propshaft To Differential Bolts	M10 x 1.0	35 lbft	47 Nm	Loctite
16	Differential Bolts To Chassis	M12 x 1.75	30 lbft	40 Nm	
17	Differential Studs To Chassis	M12 x 1.75	40 lbft	54 Nm	
18	Differential Stabiliser To Chassis	7/16" UNF	20 lbft	27 Nm	
19	Stabiliser To Differential Setscrews	M10 x 1.5	20 lbft	27 Nm	
20	LOBRO Joint Allen Bolts	M8 x 1.25	25 lbft	34 Nm	Loctite
21	Driveshaft Hub Nut	M22 x 1.5	250 lbft	340 Nm	
22	Differential Filler Plug	M20 x 1.5	10 lbft	13 Nm	

Other

	Component	Thread	Lb/ft	Nm	Notes
23	Handbrake Lever Mounting Bolts	M8 x 1.25	20 lbft	27 Nm	
24	Roll Over Bar Bolts	M12 x 1.75	40 lbft	54 Nm	
25	Seat Belt Mounting Bolts	7/16" UNF	26 lbft	35 Nm	Loctite
26	Wheel Nuts (Rimstock)	M12 x 1.25	65 lbft	90 Nm	

It is important to remember that ALL suspension bolts and nyloc nut will be torqued tightened during the set-up stage. During Assembly, all suspension bolts and nyloc nuts should be "nipped " only and not torque tightened.