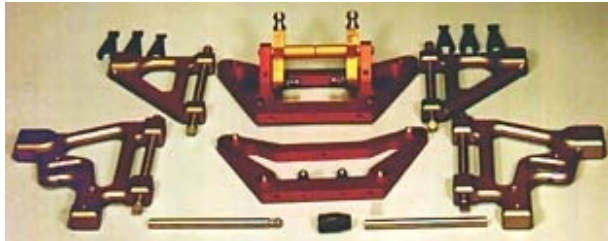
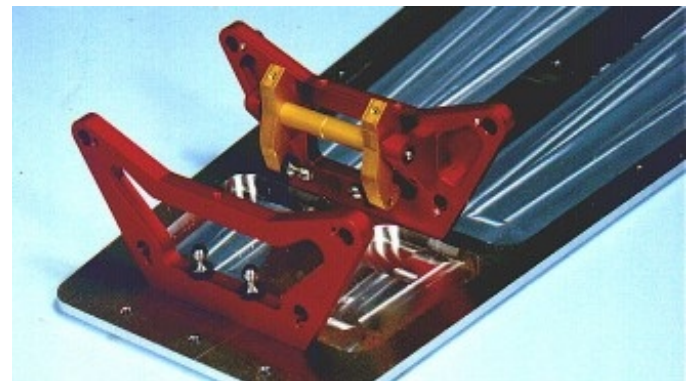


72/101A Front Suspension & A.R.B. Instructions Sheet 6A

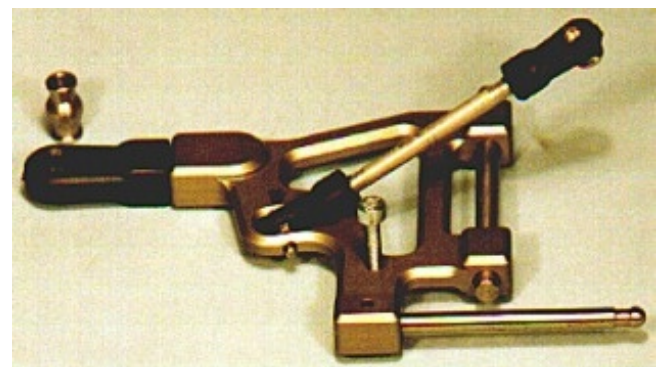


72/200	Bulkhead Front of Front
72/201	Bulkhead Rear of Front
72/202	Wishbone Lower
72/203	Wishbone Upper
72/204	Bellcrank Mounting Plate
72/205	Bellcrank assembly L.H.
72/206	Bellcrank assembly R.H.
72/207	Pushrod - Shock/Bellcrank
72/209	Pivot Pin - Bellcrank
72/210	Pivot Pin - Wishbone
72/211	Caster Clip - Thick
72/212	Caster Clip - Thin
72/213	Ball 7mm - Single Ended
72/213A	Ball 7mm - Double Ended
72/214	Trunnion Moulding - 7mm Ball
72/215	Ball 10mm with 5mm Hole
72/216	Trunnion Moulding - 10mm Ball
72/217	Ball 5mm Ended M3 Screw
72/218	Spacer Washer Black Moulding
72/219	Anti Roll Bar Ball Ended
72/220	Anti Roll Bar - Cup Side
72/221	Cup Moulding - A.R.B.
72/222	Pivot Pin - Push Rod Ball
91/203	'E' Clip for 1/8" Shaft
93/204	M3 x 4mm Grub Screw
93/206	M3 x 6mm Soc. Cap Screw
93/216	M3 x 16mm Soc. Cap Screw
94/208	M4 x 8mm Soc., Cap Screw
94/212	M4 x 12mm Soc. Cap Screw
94/225	M4 x 25mm Soc. Cap Screw
96/230	M6 x 30mm Grub Screw
96/201	M6 half nut

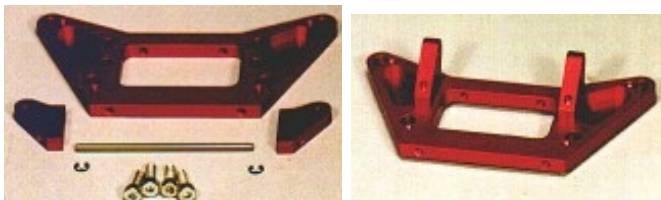
- 1). Assemble bell crank support plates to rear bulkhead.
- 2). Fit shocker mounting balls to lower end of bell cranks, facing the long side bearing.
- 3). Grease 3mm rod & pass through bell crank support plates and both bell cranks. Secure with 'E' clips.
- 4). Fit M3x6mm socket cap screws to rear face of rear bulkhead as wishbone pivot pin stops.



- 5). Fit to chassis.
- 6). Fit shocker mounting balls to bulkhead using plastic spacer washers fit to chassis.



- 7). Assemble shocker push rod with a single ended ball in one end and a double ended ball in the other. Set to a length of 77.5mm between centres as a starting position.
- 8). Fit double ended ball end into slot in lower wishbone with 3mm pin and carefully tighten 3mm grub screw. Note 3mm pin projects 3mm from wishbone to enable removal. Make handed pair, grease 6mm pivot pin and fit between the bulkheads, retain with M3x6mm screws.
- 9). Fit front shock absorbers.



10). Apply mild thread locking compound and set lower wishbone down stop screws to give a dimension of 5mm (use anti-roll bar as a gauge) between the bottom of the chassis resting on a flat surface, and the underside of the kingpin pivot ball. Ensure both sides are equal.

11). Finally adjust the length of the suspension push rods to align the screw exactly with the bell crank and fit.

12). Fit the upper wishbones and caster adjusting clips as shown.

13). Fit the M3x6mm screws to retain the wishbone pivot pins, but do not tighten until the radio plate is fitted.



14). Press the front anti roll bar cup on to the plain half of the anti-roll bar, and fit to wishbone, sliding well in.

15). Fit the ball ended half of the anti-roll bar and align the centre of the ball with the centre of the car and secure with the 3mm grub screw.

16). Slide the anti-roll bar with the cup over the ball and secure.

17). Screw the M6x30mm grub screws fully into the king pin trunnion mouldings, screw 2 x half nuts on to the

protruding threads and fit to the end of the wishbones. Tighten the lower trunnion and nuts fully to the lower wishbone, aligning the king pin bolt to the upper trunnion. Adjust the upper trunnion to have a 1mm gap plus the 2 nuts and tighten to the wishbone.

18). Place the kingpin trunnions on a suitable support and tap the kingpin balls into the mouldings.

19). Fit axle block assemblies L.H & R.H. with the M5x30mm socket cap screws.

