



## Front Axle ..... FA 505

### B Model Front Axle

Mack offered a large range of front axles, the most common, on the B61 was the FA 505 standard axle which had clip on chrome hub caps, or the FA 522 which had a flat plate bolted direct onto the hub with a Mack logo pressed on.

A FA 601 was optional on some B61's, the following chart shows some of the most common models used in Australia.

Mack made their own axle also but some special heavy models were Rockwell.

Mack axles were generally reversed Elliott steering knuckles drop forged I beam.

MODEL	TONS	LBS	INNER SPINDLE DIAMETER	OUTER	KING PIN TOP	KING PIN BOTTOM	BEAM HEIGHT	BEAM WIDTH	BEAM WEB
FA 505	4	9000	2 1/8	1 1/2	1 1/4	1 1/2	3 11/16	2 3/4	1/2
FA 517	4.2	9500							
FA 535	4.6	10500	2 1/2	1 5/8	1 1/4	1 1/2			
FA 522	5.4	12000	2 5/8	1 3/4	1 3/8	1 5/8	3 11/16	3 1/4	5/8
FA 601	7.1	16000	3	2 1/8	2 3/4	2 2/32	4 1/4	3 1/4	5/8
FA 604	8.0	18000	3	2 1/5	2	2	4 25/32	4 5/16	11/32

Most B Models had (manual) Armstrong Steering with a 22 inch (560mm) diameter steering wheel with a ratio of 28.4, an optional power assist hydraulic was available but not common as most considered this an unnecessary luxury.

The B615 had full Sheppard power steering and most desirable as did many of the larger models.