

# MERCEDES-BENZ LOCK UP TORQUE CONVERTER



PRODUCT: MB18 // MB18A // MB19 // MB19A

There are now four different MBZ lock up torque converters that have been identified. All four of these units have 1.375" diameter pilots and 1.693" diameter hubs. Additionally, all of these units have three pads, with two bolt holes per pad.

**MB18** – 11 3/8" overall diameter, 9.0" bolt circle diameter  
**CODES:** 210 04 or 210 05

**MB18A** – 11 3/8" overall diameter, 9.4" bolt circle diameter  
**CODES:** 210 07 or 210 09 or 211 03

**MB19** – 12 1/4" overall diameter, 10.7" bolt circle diameter  
**CODES:** 140 04

**MB19A** – 12 1/4" overall diameter, 9.4" bolt circle diameter  
**CODES:** 140 06 or 140 08 or 140 09



## NOTES:

- See page 2 for info on how to tell the difference between these units.
- Some converters have been found to have drain plugs, while some do not. Recon has not differentiated the converters based on presence of a drain plug. When ordering one of these units, the converter may or may not have an OE drain plug.

## MEASURING 'BOLT CIRCLE DIAMETER' ON 3 PAD CONVERTERS:

To get the correct bolt circle diameter measurement on a 3 pad converter, you first measure the bolt circle radius. Then multiply the radius x2 to get the bolt circle diameter. Measurements are always made from 'center to center'. This means that you measure from the center of the pilot to the center of a bolt hole. On some of these Mercedes units, the difference in bolt circle diameters is very slight, yet still very critical. Failure to properly measure this characteristic may result in the wrong converter being sent.



PART #	OVERALL DIAMETER	AVERAGE OVERALL HEIGHT	BOLT CIRCLE RADIUS	BOLT CIRCLE DIAMETER	CODES IDENTIFIED TO DATE
MB18	11 3/8"	5.825"	4.5"	9.0"	210 04 210 05
MB18A	11 3/8"	5.890"	4.7"	9.4"	210 07 210 09 211 03
MB19	12 1/4"	5.825"	5.35"	10.7"	140 04
MB19A	12 1/4"	5.890"	4.7"	9.4"	140 06 140 08 140 09

## DECIPHERING CODES ON MBZ LOCK UPS:

The engraved or stamped codes on these converters are on the front cover near the perimeter weld. The numbers that ID the converter are the first three digits and the seventh and eighth digit. The complete engraving shown here is *210 250 05 02 ⊕ 080 97 3*. Selecting the first three digits and the seventh and eighth digit, the code for this converter is *210 05*.

