

# LASER<sup>®</sup>

## Automatic Gearbox Dipsticks

### Instructions



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### Guarantee

If this product fails through faulty materials or workmanship, contact our service department direct on: **+44 (0) 1926 818186**. Normal wear and tear are excluded as are consumable items and abuse.

**T** TOOL  
CONNECTION  
The Complete Connection

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## Description

Four colour codes dipsticks used to measure transmission and engine oil levels on Mercedes vehicles where no dipstick is provided.

Also fits Jaguar models where a Mercedes gear box is fitted.

Kit consists of 2 transmission dipsticks and 2 engine dipsticks

Instructions and applications list available from <http://www.lasertools.co.uk>

## Applications:

### Transmissions:

**Green Handle (Long):** C Class, CLK, S Class, SL, Vito, Sprinter.

Transmission types: 722.6 L | G | P | V auto gearboxes.  
Also fits Mercedes gearbox used in Jaguar cars.

**Red Handle (Short):** A Class, B Class, Vaneo.

Transmission types: 724.0 | 716.5V | 722.55 | 722.7 | 722.8 P auto gearboxes.

### Engines:

651 | 648 | 647 | 629 | 628 | 613 | 612.965 | 612 | 606 | 611  
605 | 604 | 603.97 | 603.963 | 603.913 | 137 | 120 119 |  
111 | 104 | 103.985 | 103.984 | 103.943 | 651 | 648 | 647 |  
646 | 273 | 272 | 271 | 112 | 113

**Found in:** S Class, E Class, SL Class, SLK, C Class, CL, CLK, M Class

OEM Number	Colour Handle	Use	Length	Instruction Method
140 589 15 21 00	Green	Auto box	1220mm	A Transmission
168 589 01 21 00	Red	Auto box	920mm	B Transmission

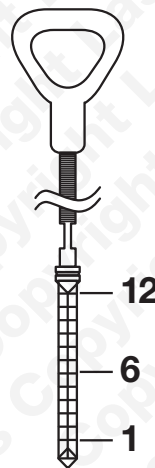
## Instruction A: OEM 140 589 15 21 00



1. Remove dipstick tube cover
2. Fill transmission with required volume of ATF (consult manufacturers data)
3. Run engine, check ATF level and top up if required
4. Check ATF Temperature (via diagnostic equipment)
5. Check level of ATF as follows:
  - Cold range = 25°C = area marked A on dipstick
  - Hot range = 80°C = area marked B on dipstick

**NOTE: Accurate measurement only possible at 80°C.**

## Instruction B: OEM 168 589 01 21 00



1. Remove dipstick tube cover
2. Fill transmission with required volume of ATF (consult manufacturers data)
3. Run engine, check ATF level and top up if required
4. Check ATF Temperature (via diagnostic equipment)
5. Check level of ATF as follows:
  - Cold range = 30°C = area marked 2 to 4 on the dipstick
  - Hot range = 70 to 80 C = area marked 8 to 12 on dipstick

**NOTE: Accurate measurement only possible at 80°C.**