



Instruction Manual Alignment Testing

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STEERING TEST PROCEDURE

- Step 1** **Stop Vehicle at least ONCE in forward motion before driving on to plates and ensure Overhead display reads: **GO****
- Step 2** **Roll over Plates at 5 km/h (walking pace) with both axles
Car needs to be in neutral, do NOT steer as this can influence steering results.**
- Step 3** **The display now reads:**
1. Overall toe (DRAG) in mm on front axle.
 2. Overall toe (DRAG) in mm on rear axle.
 3. The test is now completed and the results are printed automatically.

WHEEL ALIGNMENT SPECIFICATIONS

PlateTronic measures the actual DRAG of the Tyres on the road surface.

Readings for best Tyre Wear are

Rear wheel drive cars:

Front Axle Alignment: 0mm to +3mm Rear Axle Alignment: 0mm to +3mm

Front and 4WD cars:

Front Axle Alignment: - 1mm to +2mm Rear Axle Alignment: 0mm to +3mm

Safe-T-Stop is a precision instrument that simulates actual driving conditions, measuring DRAG on both axles. It's the excessive drag that creates excessive tyre wear and increased fuel consumption.



HOW TO ENTER VEHICLE AND EXAMINERS NO

- Step 1** Aim Remote Control at Main Display and press the **1** button. This activates the keyboard.
- Step 2** At Keyboard choose from the keys **F1**, **F2**, **F3**, or **F4** which hold stored Examiners Numbers or Names. Then go straight to Step 3.
- Or
- Use the **F5** key which allows you then to enter your personal details (up to 8 characters)
- Then press **ENTER**.
- Step 3** Enter Vehicle Registration Number (Up to 8 characters)
- Then press **ENTER**
- Useful Hint** The **F7** key is used as the backspace key.
- These details are now stored for three minutes.

CODES FOR REMOTE

- M 1** Settings for the print Header. (AIS No, Serial No, Workshop Address)
- M 2** Factory settings - can only be accessed via Pass word.
- M 3** Weighbridge functions
- M 4** Automatic Brake and Alignment Test Program. (Normal Setting.)
- M 5** Print last Test
- M 6** Calibration Check
-
- C 1** Front Left Brake Plate
- C 2** Front Right Brake Plate
- C 3** Rear Left Brake Plate
- C 4** Rear Right Brake Plate
- LS** Static Weighbridge Left Side
- RS** Static Weighbridge Right Side
- C 6** Pedal Force Meter
- C 7** Dynamic Weighbridge
- C 8** Alignment Plate



TROUBLE SHOOTING

Display shows **'GO'** but PlateTronic is 'locked up'

Switch display off at power point for the duration of ONE MINUTE.

This will allow the computer to reset itself to original position.

Display shows **'PR'**

This means there is a printer problem.

Please check the following:

- Sufficient paper in paper drawer
- Toner cartridge needs replacing
- Paper jam has occurred

The printer warranty is covered by manufacturer. If the problem persists, please contact your nearest authorised Brother repairer.

Printer Details: Brother Laser Printer
 Model Code HL-2070N

Brother Product Support
Address: 7 Khartoum Road, North Ryde 2113
Phone: 02 9887-4344



PLATETRONIC ALIGNMENT TEST SYSTEM

Test Speed: 5 kph

Dimensions: In ground installation 600 W x 1070 L

Skid Plates: Stainless Steel plates, perforated for maximum grip

Weight: Approximately 150kg

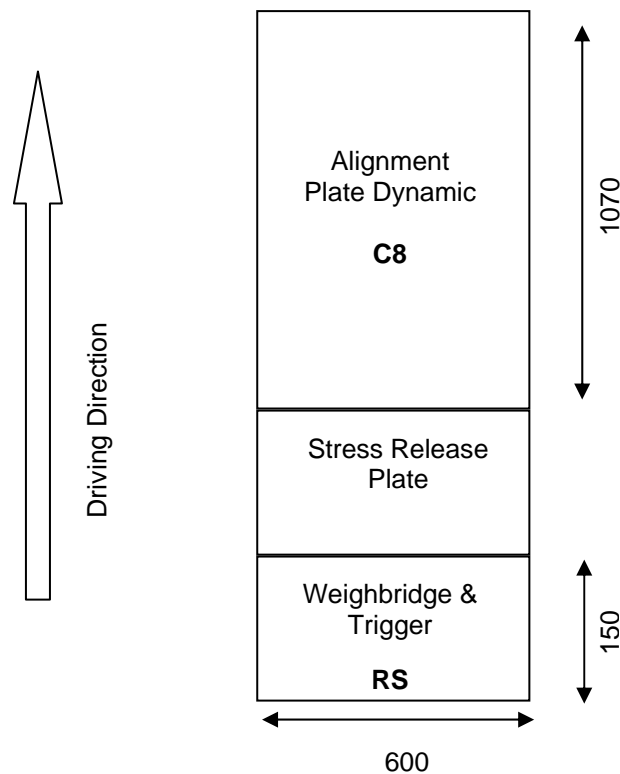
Shear Beam Maximum Power Output: 12v

Load Sensors: Maximum Measuring Range: ± 8 mm

Maximum Load Capacity: 1500kg per wheel

Temperature Range: $-10 / + 50^{\circ}$ C

Accuracy Class: $\pm 0.1\%$



SYSTEM COMPONENTS



Main Display

Dimensions: 600w x 350h x 250d
 Sturdy steel casing
 Large LED lights
 Weight approximately 12 kg
 Power input 240v output 12v



Keyboard

Dimensions: 270w x 250h x 120d
 Sturdy Steel casing
 Weatherproof, washable surface.
 Large LCD Display with light
 Power output 12v



Remote Control

Infra Red
 1 x 9v battery



Printer

Brother HL-2070N
 Laser Printer
 20 ppm

PLATETRONIC WARRANTY STATEMENT

The PlateTronic Steering Testing System installed by Workshop Solutions, is warranted against faulty workmanship and materials for a period of twelve (12) months from the installation date.

Conditions

The PlateTronic must not be modified in any way or added to without the company's approval. It must be used under correct operating conditions.

4.5 tonne gross weight limit

No forklifts on plates

No trolley jacks or other equipment with steel or hard plastic or steel rollers or wheels pushed or driven over the plates.

Warranty Exclusions

Damage caused by misuse, abuse or neglect

Damage from modifications or incorporating other parts

Damage resulting from an act of God

Caution:

Avoid walking on the plates as the alignment plate moves

