

## Electric Park Brake (EPB) Caliper



Designed and manufactured by TRW

In 2002 TRW introduced the revolutionary Electric Park Brake (EPB).

The hand brake of a normal parking brake makes it completely reliant on the brake being applied by the driver.

With this in mind TRW engineered the EPB, a Colette caliper with an integrated electronic controlled actuator. Now instead of a bulky handbrake lever in the centre console, you simply have a small switch, putting complete parking safety at your fingertips. And with added features including automatic application preventing vehicle roll back on a hill, the new EPB really is the next generation in parking brake.

The electric park brake (EPB) from TRW is an integrated system that interfaces with the vehicle's electronic control unit.

It functions as a conventional hydraulic brake for normal brake applications, and as an electric brake for parking and emergency braking and removes the need for a hand brake cable and lever which is replaced by a button. TRW was first to market with the EPB in 2002, and has now made over 12 million of these calipers.

TRW EPB Caliper Range	
Part No	Application
BHN1011E	Renault Grand Scénic 09.2005 - >>
BHN1012E	Renault Grand Scénic 08.2007 - >>
BHN357E	VW Passat 2005 >>
BHN358E	VW Passat 2005 >>
BHN961E	VW Passat 03.2005 - >>, Tiguan 09.2007 - >>
BHN962E	VW Passat 03.2005 - >>, Tiguan 09.2007 - >>
BHS1098E	Audi A6 05.2006 - >>
BHS1099E	Audi A7 05.2006 - >>
BHS332	VW: Passat 2005 >>
BHS332E	VW: Passat 2005 >>
BHS333	VW: Passat 2005 >>
BHS333E	VW: Passat 2005 >>
BHS334	Audi: A6 2001 >>
BHS334E	Audi A6 2001 >>
BHS335E	Audi A6 2001 >>
BHT152	Audi: A6 2004 >>
BHT152E	Audi A6 05.2004 - >>, A6 Allroad 05.2006 - >>
BHT153	Audi: A6 2004 >>
BHT153E	Audi A6 05.2004 - >>, A6 Allroad 05.2006 - >>
BHT280E	Audi A8 10.2002 - >>
BHT281E	Audi A8 10.2002 - >>
BHT282E	Audi A6 Allroad 05.2006 - >>
BHT283E	Audi A6 Allroad 05.2006 - >>
BHT284E	Audi A6 03.2006 - >>
BHT285E	Audi A6 03.2006 - >>
BHT286E	Audi A8 11.2003 - >>
BHT287E	Audi A8 11.2003 - >>
BHT288E	Audi A6 Avant 03.2006 - >>
BHT289E	Audi A6 Avant 03.2006 - >>



## EPB provides a number of features enhancing vehicle safety and improving driver comfort:

- Drive away assist: upon vehicle acceleration, the park brake releases
- Hill hold: prevents vehicle rollback on a hill until the driver accelerates
- Dynamic deceleration: when combined with TRW's Electronic Stability Control, allows for full four-wheel ABS emergency braking
- Brake wear sensing: alerts the driver to worn pads
- Automatic application: EPB automatically activates when the drivers door is open or ignition is off

As well as these extra benefits and advantages, TRW's EPB also requires no adjustment when fitting, which saves time and money for the customer.

## Servicing an EPB caliper couldn't be easier.

The EPB represents something of a challenge to independent garages, who make a lot of their money dealing with components that suffer from wear and tear, such as brakes. The problem lies in the fact that it is not possible to carry out a brake service on the electric park brake using conventional mechanical tools.

Therefore, to ensure that independent garages can remain competitive, TRW has developed the TRW easycheck for vehicles fitted with EPB.

For more information please visit our website [www.trwaftermarket.com/easycheck](http://www.trwaftermarket.com/easycheck)



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