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About This Manual

This manual applies to the SIBS[®] for the TOYOTA LAND CRUISER 78 and 79 series for installations fitted after June 2004. It details how to fit the SIBS[®] correctly. While every effort has been made to address all the issues involved, please advise Safe Effect of any errors or omissions, and suggestions to improve the manual.

Web Page:

The most up to date version of the Manual can be downloaded from the web page: www.safeeffect.com

On the right hand side, click on **Installation Manual**.

You will be asked for a username and password:

Username: **SIBS** Password: **resellers** (note: case-sensitive).

Technical Bulletins relevant to the system are also posted in this area.

Terminology:

SIBS	Sealed Integrated Braking System
EMMA	Electronically Modulated Mechanically Applied
SIBS Fluid	Specially formulated fluid used in SIBS brakes
Service Brake	Brakes applied when driving
Park Brake	Brakes applied when vehicle is parked
Emergency Brake	Brakes applied in an emergency
PECB	Park/Emergency Control Box
ECM	Engine Control Module

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While every attempt is made to ensure that the information in this manual is correct, no liability can be accepted by the authors for loss, damage or injury caused by any errors in, or omissions from, the information given.

Important Information

Ownership of SIBS[®]

The SIBS[®] Patent and Trademarks are owned by Safe Effect Pty Ltd.

Manual Information

This manual has been prepared to assist customers, maintenance personnel and operators of SIBS[®]. It should be read thoroughly and understood to ensure that the product is installed, utilized and maintained properly.

This manual provides instructions for the retrofitting, installation, service and maintenance for a SIBS[®] system in a Toyota Land Cruiser 75, 78 and 79 Series. All information contained in this manual is based on the latest SIBS[®] product information available at the time of publication. Safe Effect Pty Ltd reserves the right to change the manual at any time without prior notice.

This manual should be read in conjunction with the appropriate Toyota chassis manual for further information on removal of any standard Toyota components. Safe Effect Pty Ltd welcomes any queries or feedback on the contents of this manual.

Installation of SIBS[®]

SIBS[®] must be installed by a qualified tradesperson who has read thoroughly and understands the manual, and has specific experience in the installation of braking systems. The silica gel sachets must be removed from the brake assemblies prior to installation.

Safety Labels

Safe Effect Pty Ltd provides customers with Safety Labels that are required to be placed prominently in any vehicle fitted with SIBS[®]. Refer to Section 7 for information about the labels.

Storage of SIBS[®]

All SIBS[®] units are protected against corrosion and may be stored for up to 3 months before installation. Plugs are fitted in the brake fluid inlet ports of housings – these should be kept in place during storage or shipping to prevent corrosion.

Any SIBS[®] that remains unfitted for a period longer than 3 months must be inspected thoroughly before use.