

The following is a comprehensive list of all Cleveland Service Bulletins. In the past, these publications have been known as Engineering Service Bulletins (ESB) or Engineering Service Letters (ESL). Document identification numbers were preceded by the letters ESB or ESL. Publications selected for incorporation into Revision B of the Cleveland Component Maintenance Manual (CMM) have been revised to be reidentified as Service Bulletins (SB). In this case, the basic identification number is retained, and the original prefix letters (ESB or ESL) are replaced by SB. Included in this list is a document status code, with legend as follows:

**Status Code**

A = Active

O = Obsolete

LD = Limited Distribution

Obsolete publications are not available for general distribution (not included in the CMM). Superseding documents, if applicable, will be referenced in the title of the obsolete publication. Publications coded as LD are not for general distribution. These publications were explicitly created for the Original Equipment Manufacturers (OEM's) using Cleveland products.

<u>NUMBER</u>	<u>REV</u>	<u>STATUS</u>	<u>TITLE</u>	<u>DATE</u>
SB7000-2	C	A	Converting 3080C Piper Aztec Wheel Assemblies to 3080D (forged disc) Configuration.	07/01/95
SB7000-4	B	A	Converting Early Piper Aztec Wheel 3080B & 3080D Brake Assemblies (37-200-2 & 37-200A) to Current Production Models (40-131 Wheel, 30-96 Brake) Field Conversion.	07/01/95
SB7000-5	C	A	Converting Piper Chieftain (PA31-350) Wheel (40-102A), Brake Assemblies (30-68A & 30-68B) to Current Production Models (40-130 Wheel & 30-95) Brake) - Field Conversion (199-66).	07/01/95
SB7000-6	B	A	Converting 3080C Piper Aztec Wheel Assemblies to 3080D (forged disc) Configuration (199-41).	07/01/95
SB7002	A	A	Heat checks in Piper Aztec Brake Disc, Part No. 164-03206	07/01/95
SB7003	A	A	Lockwire Aero Commander Thrush S2R (30-94) Brake Cylinder Bolts with 8.50-10 Wheels.	07/01/95
SB7005	A	A	Heat checks in Piper Aztec Brake Disc, Part No. 164-05700	07/01/95
SB7006	A	A	Possible Development of Circumferential Cracks in Cleveland Brake Discs used on Certain Models of the Piper - PA31 Navajo Aircraft.	07/01/95

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## External Design Wheels &amp; Brakes

<u>NUMBER</u>	<u>REV</u>	<u>STATUS</u>	<u>TITLE</u>	<u>DATE</u>
SB7007	A	A	Definition of Acceptable Limits of Bolt Protrusion Beyond Spline Nuts in 40-4, 40-116, and 40-131 Aztec Wheel Assemblies (PA23-250).	07/01/95
SB7008	A	A	Possible Development of Circumferential Cracks in Cleveland Brake Discs used on Ted Smith Aerostar Aircraft (164-06100).	07/01/95
SB7009	B	A	Heat Checks in Forged Brake Disc 164-05006 Ted Smith Aerostar Models 600, 601 & 601P (Piper).	07/01/95
SB7010	A	A	Heat Checks in Forged Brake Disc 164-05006 Rockwell Commander Model 700.	07/01/95
SB7011	A	A	Axle Spacer to Grease Seal - Interference with Kit 199-61 Cessna Models 190 and 195.	07/01/95
SB7012	A	A	Possible Development of Circumferential Cracks in Cleveland Brake Discs 164-05000 used on Ted Smith Aerostar.	07/01/95
SB7013	A	A	Field Service Bulletin Subject: Stainless Steel Brake Discs Being Offered for use with Cleveland Wheels and Brakes.	07/01/95
ESB 7015	--	A, LD	199-130/130A Availability of Kit for Commander Series.	04/17/85
ESB 7017	B	O	Installation of 075-17600 Torque Plate Subassembly in Parker 30-161 Brake Assembly	03/15/90
SB7018	B	A	Installation of 075-17600 Torque Plate Subassembly 159-03500 Discs in Parker 30-189 Brake Assembly.	07/01/95
ESB 7019	NC	O	Repair of 157-01300 Heat Shields on 40-202 Wheel Assembly. (Superseded by ESB7026)	08/21/89
ESB 7020	B	A, LD	Production Modification of Pressure Switch Assembly for the Hydraulic Power Pak.	02/14/90
ESB 7021	NC	A, LD	Production Modification of End Gland Material for Main Landing Gear Locking Actuator Part Number 11-20.	02/14/90
SB7022	B	A	Installation of 075-17600 Torque Plate Subassembly and 159-03500 Discs in Parker 30-161 Brake Assembly.	07/01/95
SB7023	A	A	Replacement of Anchor Bolts 069-00400 with 069-01900 as used on Cleveland Brake Model 30-99.	07/01/95
SB7024	B	A	40-211 Main Wheel - Crack Inspection and Wheel Half Replacement.	07/01/95
SB7025	A	A	Replacement Disc for P/N 164-22200 used on Parker 40-179 Wheel Assembly.	07/01/95
ESB 7026	B	O	Replacement of 157-01300 Heat Shields with 157-01600 Heat Shield Clips as used on Cleveland Models 40-202 and 40-239 (Superseded by SB7032)	06/30/95

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<b>NUMBER</b>	<b>REV</b>	<b>STATUS</b>	<b>TITLE</b>	<b>DATE</b>
SB7027	A	A	Main Wheel & Brake Kit 199-84 Applicability Error on Cessna 182 Model Aircraft	07/01/95
SB7028	A	A	Replacement of 103-22700 Bolts used in Cleveland Brake Assemblies on The Cessna Citation	07/01/95
ESB 7029	A	A, LD	Upgrade of Piper Malibu/Mirage Hydraulic Power Pak	03/05/93
ESB 7030	A	A, LD	Inspection of Main Gear AFT Cross Tube Support Structure for Chafing Damage	12/18/92
ESB 7031	A	A, LD	Repair of Main Gear AFT Cross Tube Support Structure Chafing Damage	05/06/93
SB7032	A	A	Drive Key Modification for 40-202, 40-239, and 40-239A (Supersedes ESB 7019 and ESB 7026)	07/01/95
SB7033	B	A	Main Wheel Assembly - Brake Disc - Inspect/Replace With New Disc	07/01/95
SB7034	B	A	Landing Gear - Emergency Extension - Inspect/Replace Air Line	12/19/95
SB7035	A	A, LD	Upgrade of 40-77B Nose Wheel Assembly to 40-77G Configuration	02/25/97
SB7036	NC	A, LD	Landing Gear - AFT Cross Tube Supports - Inspect/Rework	03/28/94
SB7037	A	A	Main Wheel Assembly - 40-172 Superseded By 40-289 - Product Improvement	07/01/95
SB7038	A	A	Nose Wheel Assembly - BHTI Model 222 - Inspect/Replace With New	07/01/95
SB7039	NC	A, LD	Upgrade of 30-208 Brake Assembly to 30-208A Configuration	07/12/94
SB7040	NC	A, LD	Landing Gear - Trunnion/Socket Assembly - Inspection/Replacement	08/22/94
SB7041	A	A	Upgrade of 30-204 Brake Assembly to 30-204A Configuration	07/01/95
SB7042	NC	A, LD	P/N 30-9 Brake Assembly - Rework to P/N 30-9D	12/07/94
SB7043	A	A	Citation Main Wheel - Fuseplug Port - Inspection / Replace Wheel Half	07/01/95
SB7044	NC	A, LD	Landing Gear - Hydraulic Power Pak - Replace O-Rings - Torque Manifold Screws	01/16/95
SB7045	NC	A, LD	Landing Gear - Hydraulic Power Pak - Replacement of Pressure Switches	06/14/95
SB7046	NC	A	Citation Brake - Shuttle Valve and Port, Inspect and Replace	10/01/95

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SB7047	A	A, LD	Landing Gear - Hydraulic Power Pak - Improved Pressure Switch	05/02/96
SB7048	NC	A, LD	Brake Disc / Drive Keys - BHT Model 230 - Superceding Parts	01/29/96
SB7049	NC	A, LD	Landing Gear - Hydraulic Actuators - Inspect / Replace	03/08/96
SB7050	NC	A	Upgrade of 40-97E Wheel Assembly to 40-97F Configuration	04/25/97
SB7051	NC	A	Brake Assembly - Air Tractor 802 - Remove / Replace Pistons	03/25/96
SB7052	NC	A, LD	Landing Gear - Bolt Torque - Inspect	05/15/96
SB7053	NC	A	Brake Model 30-66D - Torque Plate - Inspect / Replace / Re-Identify Assembly	01/22/97
SB7054	NC	A	Citation Brake Assy - Brake Rotor Disc - Inspect / Replace	05/30/96
SB7055	NC	A	Brake Assembly - Socata - Remove / Replace Tie Bolts & Washers	02/05/97
SB7056	NC	A, LD	Landing Gear – Center Support Assembly – Inspect / Rework	01/27/97
SB7057	A	A, LD	Upgrade of 40-86B Wheel Assembly to 40-407 Configuration	02/17/98
SB7058	NC	A	Upgrade of 40-86B Wheel Assembly to 40-86F Configuration	6/11/99
SB7059	NC	A	Upgrade of 40-84 Wheel Assembly to 40-84B Configuration	11/11/99
SB7063	NC	A, LD	Landing Gear – Retract Cylinder – Inspect / Replace	08/27/98
SB7064	NC	A	Wheel Assembly – 6 Inch Die Cast – Inspect/Replace	5/13/99
SB7065	NC	A	Brake Assembly – Cylinder Housing – Inspect/Replace	12/20/99
SB7066	NC	A, LD	Wheeled Landing Gear Aft Cross Tube – Inspect/Replace	01/18/01
SB7067	NC	A, LD	40-279 / 30-210 Wheel & Brake – Tire Rub – Upgrade to P/N 40-279A / 30-210A Wheel & Brake	03/20/01
SB7068	A	A, LD	Master Cylinder – Soft Toe Pedal – Inspect/Replace	12/12/01
SB7071	A	A	Wheel Assembly 40-90 and 40-90B – 164-02201 Brake Disc – Inspect/Replace	06/25/02
SB7073	A	A, LD	Landing Gear – Retract Cylinder – Inspect/Replace	08/08/02
SB7074	NC	A	Wheel Assembly 40-40B – Inner Bearing Cup – Inspect/Replace	04/03/02
SB7075	NC	A	Main Wheel Assembly 40-424 – P/N 157-02100 Fairing – Inspect/Rework or Replace	05/10/04
SB7076	NC	A, LD	Landing Gear Actuator – Rod Seal Leakage – Inspect/Replace	03/14/03
SB7079	NC	A	Main Brake Assembly 30-204A – Torque Ring – Inspect/Replace	09/19/03
SB7081	NC	A	Felt Grease Seal – Inside Diameter – Inspect/Replace	04/22/04
SB7082	NC	A	40-279 / 40-279A Wheel Assemblies – Improved Hubcap and Grease Seal	05/27/05
SB7083	A	A, LD	Upgrade 40-77B Nose Wheel Assembly to 40-77G Configuration	05/23/06
SB7084	NC	A, LD	Conversion of P/N 40-414 Wheel Assembly to P/N 40-75P Configuration	11/15/05
SB7085	NC	A, LD	Conversion of P/N 40-75P Wheel Assembly to P/N 40-406 Configuration	11/15/05
SB7086	A	A, LD	Main Wheel Assembly 40-421 – P/N 157-02800 Fairing – Inspect/Rework Or Replace	04/21/06
SB7087	A	A, LD	Main Wheel Assembly 40-424 – P/N 154-08400 Grease Seal Replacement	02/19/07

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