

Cleveland Wheel & Brake Systems

Beechcraft (Textron) conversion kits

Experts in braking technology

Aircraft manufacturers worldwide have come to rely on products from Cleveland Wheel & Brake Systems. As experts in braking technology, their product lines have over 80 years of safe takeoffs and landings to their credit, making them one of the world's most experienced, recognizable, and respected wheel and brake manufacturers.



Model/Name	Year/Serial Number	Main Wheel & Brake										NW	Std Gear		High Float	De-Ice
		199-50	199-73	199-88	199-90	199-123	199-124	199-127	199-129	199-138	199-141	199-126	199-110	199-49	199-125	199-168
19							•									
23	1971 and on						•									
35		•												•		
50				•												
58	1978									•						
58	1979 and on									•						
58	TH-1 and on									•						
60			•													
65						•						•				
70						•						•				
95		•								•						
99												•	•		•	•
100												•	•		•	•
200												•	•		•	•
300												•				
19A	All models						•									
200C												•	•		•	•
200CT												•	•		•	•

See pages 5 and 6 for conversion kit part table

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		199-50	199-73	199-88	199-90	199-123	199-124	199-127	199-129	199-138	199-141	199-126	199-110	199-49	199-125	199-168
200T												•	•		•	•
35-33														•		
35-A33														•		
35-B33														•		
35-C33														•		
35-C33A														•		
35R		•												•		
3N								•	•		•					
3NM								•	•		•					
3TM								•	•		•					
45 (TY-34)		•														
58A										•						
58•	1984 and on		•													
58TC	1984 and on		•													
65-80						•						•				
65-88						•						•				
65-90					•							•				
65-A80						•						•				
65-A90					•							•				
65-A90-1 (JU-21A)					•							•				
65-A90-4 (RU-21E, RU-21H)					•							•				
65-B80						•						•				
95-55		•								•						
95A-55										•						
95-A55		•														
95-B55		•								•						
95-B55A		•								•						
95-B55B		•								•						
95-C55		•								•						
95-C55A		•								•						
99A													•		•	•
A100												•	•		•	•
A200													•			•
A200C													•			•
A200CT													•			•
A23							•									
A-23							•									
A23-24	All models						•									
A23A	All models						•									
A24 [1]							•									
A24R [1]							•									
A35		•												•		
A36	E-1803 thru 2254													•		

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		199-50	199-73	199-88	199-90	199-123	199-124	199-127	199-129	199-138	199-141	199-126	199-110	199-49	199-125	199-168
A36	E-2255 and on													•		
A36	E-825 thru 1802													•		
A36	EA-1 thru 186													•		
A36	EA-187 thru 442													•		
A36	EA-443 and on													•		
A45 (B-45)		•														
A45 (T-34A)		•														
A60			•													
A65						•						•				
A99												•				
A99A												•	•		•	•
B100												•	•		•	•
B19	1978 and on						•									
B19	All models						•									
B200												•	•		•	•
B200C												•	•		•	•
B200CGT												•	•		•	•
B200CT												•	•		•	•
B200GT												•	•		•	•
B200T												•	•		•	•
B23	All models						•									
B300												•				
B300C												•				
B35		•												•		
B50				•												
B60	1984 and on		•													
B90					•							•				
B95		•								•						
B95A		•								•						
B99												•	•		•	•
C35		•												•		
C-45G								•	•		•					
C-45H								•	•		•					
C50				•												
C90					•							•				
C90A					•							•				
C90GT					•							•				
C90GTi					•							•				
C99												•	•		•	•
D18C								•	•		•					
D18S								•	•		•					
D35		•												•		
D45 (T34B)		•														

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D50				•												
D50A				•												
D50B				•												
D50C				•												
D50E				•												
D55	TE-452 and on	•								•						
D55A		•								•						
E18S								•	•		•					
E18S-9700								•	•		•					
E33A														•		
E35		•								•				•		
E50				•												
E55A		•								•						
E90					•							•				
E95		•								•						
F33														•		
F33A	CD-1272 thru 1304													•		
F33A	CE-1072 and on													•		
F33A	CE-301 thru 634													•		
F33A	CE-635 thru 1071													•		
F33A	CJ-125 thru 155													•		
F33A	CJ-156 and on													•		
F33A	CJ-31 thru 124													•		
F33A	D-9193 thru D-9861													•		
F33A	D-9862 and on													•		
F33A	E-1 thru 824													•		
F33C	CD-1272 thru 1304													•		
F33C	CE-1072 and on													•		
F33C	CE-301 thru 634													•		
F33C	CE-635 thru 1071													•		
F33C	CJ-125 thru 155													•		
F33C	CJ-156 and on													•		
F33C	CJ-31 thru 124													•		
F33C	D-9193 thru D-9861													•		
F33C	D-9862 and on													•		
F33C	E-1 thru 824													•		
F35		•												•		
F50				•												
F90												•	•		•	•
G18S								•	•		•					
G33	CD-1272 thru 1304													•		
G33	CE-301 thru 634													•		
G33	CJ-31 thru 124													•		

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Beechcraft (Textron) conversion kits

[illegible]

Part #	Produt Type	Main Wheel Assembly	Brake Assembly	Tire Size	Standard Disc	Chrome Disc	Lining
199-49 ⁽¹⁾	Wheel & Brake Conversion	40-83	30-54	6.00-6/7.00-6	164-02504	164-12504	066-10500
Installation per FAA STC SA11GL. Kit also includes axle spacers, mounting hardware, hydraulic hoses, and bulkhead fittings.							
⁽¹⁾ Also available with chrome plated brake discs. To order, specify kit number followed by "CHROME"							
199-50	Wheel & Brake Conversion	40-98	30-66	6.50-8	164-02706	N/A	066-04400
Installation per FAA STC SA19GL. (Also applicable to Beech Baron-Twin Engine). Kit also includes axle spacers, mounting hardware, hydraulic hoses, and bulkhead fittings.							
199-73	Wheel & Brake Conversion	40-128	30-93	6.50-8/19.5 x 6.75-8	164-06106	N/A	066-04400
Installation per FAA STC SA178GL, SA179GL. Kit also includes axle spacers, hydraulic hoses, and hydraulic fittings.							
199-88	Wheel & Brake Conversion	40-134A	30-99	8.50-10	164-06306	N/A	066-06600
Applicable only to models modified per Excalibur STC SA75SW. Installation per FAA STC SA390GL. Kit also includes mounting hardware and hydraulic fittings.							

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Part #	Produt Type	Main Wheel Assembly	Brake Assembly	Tire Size	Standard Disc	Chrome Disc	Lining
199-90	Wheel & Brake Conversion	40-170A	30-144	8.50-10	164-20900	N/A	066-09000
STC applicability: FAA STC SA619GL (all models). Brazilian STC 9210-04 (all models). EASA STC 10039144 (all models). Australian STC F88/865 (models: 90, A90, B90, C90, E90). Kit also includes mounting hardware, bearing washer, brackets and fillers for wheel well modification, and hubcaps.							
199-110	Wheel & Brake Conversion	40-289	30-146	18 x 5.5	164-21000	N/A	066-09100 066-09200
For aircraft equipped with standard landing gear. STC applicability: FAA STC SA646GL, SA650GL, SA890GL (all models). EASA STC 10043296 (models: 200, 200C, 200CT, 200T, A200, A200C, A200CT, B200, B200C, B200CT, B200T, B200GT, B200CGT). ANAC STC 2013S08-15 (models: 200, 200T, A200, B200, B200T, B200GT, B200CGT). ANAC STC 2015S11-17 (F90). Kit also includes hydraulic hoses.							
199-168	Hot Air Manifold Kit	----	----	----	----	----	----
Hot Air Manifold Kit for aircraft equipped with brake deice. Installation only in conjunction with Kit 199-110.							
199-123	Wheel & Brake Conversion	40-170B	30-144A	8.50-10	164-22900	N/A	066-09000
Installation per FAA STC SA673GL. Kit also includes mounting hardware, bearing washer, brackets and fillers for wheel well modification, and hubcaps.							
199-124 ⁽¹⁾	Wheel & Brake Conversion	40-113C	30-75B	6.00-6	164-04300	164-14300	066-10500
Installation per FAA STC SA718GL. Kit also includes axle spacers and washers, and mounting hardware. ⁽¹⁾ Also available with chrome plated brake discs. To order, specify kit number followed by "CHROME".							
199-125	Wheel & Brake Conversion	40-203 ⁽¹⁾	30-162 ⁽¹⁾	6.50-10/22 x 6.75-10	159-01200	N/A	109-00200 (wear pad)
For aircraft equipped with High Flotation Landing Gear. STC applicability: FAA STC SA757GL, SA1509GL, SA1510GL (all models). Australian STC F88/514 (model 200). Brazilian STC 2013-S02-15 (models: 200, 200T, B200, B200T, B200GT, B200CGT). Brazilian STC 2014-S04-27 (model F90). EASA STC 10048423 (models: 200, 200C, 200CT, 200T, B200, B200C, B200CT, B200T, B200GT, B200CGT). Kit also includes mounting hardware, axle spacer, swivel kit replacement O-rings, and brake de-ice bracket. ⁽¹⁾ Internal wheel and brake design.							
199-126	Nose Wheel Conversion	40-204	----	6.50-10/22 x 6.75-10	----	----	----
Nose wheel conversion kit. STC applicability: FAA STC SA757GL, SA1061GL, SA1077GL, SA1242GL, SA380CH (all models). Australian STC F88/514 (model 200). Brazilian STC 2013-S02-15 (models: 200, 200T, B200, B200T, B200GT, B200CGT). Brazilian STC 2014-S08-01 (models: 65, A65, 65-80, 65-A80, 65-B80, 65-88, 65-90, 95-A90, 70, B90, C90, C90A, C90GT, C90GTi, E90). EASA STC 10048423 (models: 200, 200C, 200CT, 200T, B200, B200C, B200CT, B200T, B200GT, B200CGT). EASA STC 10053243 (models: 65, A65, 65-80, 65-A80, 65-B80, 65-88, 65-90, 65-A90, 70, B90, C90, E90, H90, C90A, C90GT, C90GTi). EASA STC 10060944 (models: 300, B300, B300C).							
199-127	Wheel & Brake Conversion	40-170	30-144B	8.50-10/8-ply or 10-ply	164-20900	N/A	066-09000
Applicable to Tricycle landing gear with 10" main wheel and brake. Installation per FAA STC SA788GL. Kit also includes mounting hardware and aluminum fillers for gear door modification.							
199-129	Tail Wheel Conversion	40-168	----	5.00-5	----	----	----
Converts Tail Wheel to 5.00-5 Type III. Installation per FAA STC SA829GL. Kit also includes axle spacer.							
199-138	Wheel & Brake Conversion	40-128D	30-93C	6.50-8/19.5 x 6.75-8	164-06106	N/A	066-09700
Uses 3 piston brake. Installation per FAA STC SA912GL. Kit also includes mounting hardware and hydraulic fittings.							
199-141	Wheel & Brake Conversion	040-21101	30-170	11.00-12	164-22400	N/A	066-10000
Applicable to aircraft equipped with 12" main wheel and brake. Installation per FAA STC SA1222GL. Kit also includes mounting hardware, axle spacers, hydraulic hoses, and shuttle valve relocation hardware.							

For more information, call: 1-800-284-2551

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