



Steering, Brake & Suspension Specialists

6168DBK — 6168WBK-S Installation Instructions

1961-'68 Cadillac Disc Brake Conversion Kit & Wheel Brake Kits

Parts List for #6168DBK

- 4ea 1/16" wheel spacer
- 2ea Spindle nut spacer
- 4ea 1/2" bracket spacer
- 2ea 3/16" bracket spacer
- 2ea Caliper bracket
- 2ea Spindle bracket
- 2ea Bearing adapter
- 2ea 9/16" Gr8 split lock washer
- 4ea 1/2"-13 x 2 Gr8 hex bolt
- 2ea 1/2"-13 x 2-1/2 Gr8 hex bolt
- 12ea 1/2" Gr8 flat washer
- 6ea 1/2" Gr8 split lock washer
- 6ea 1/2"-13 Gr8 hex nut
- 2ea 9/16"-18 x 1-1/2 Gr8 hex bolt

Parts List for #6168WBK-S

- 1ea Bracket Kit #6168DBK
- 1ea Metric caliper RH
- 1ea Metric caliper LH
- 2ea Grease seal
- 2ea Brake rotor
- 2ea Inner tapered roller bearing
- 2ea Outer tapered roller bearing
- 1ea Front rubber brake hose kit
- 1ea Dust cap hardware kit



IMPORTANT NOTE: The installer needs to make sure that nothing can make contact with a brake hose, caliper, or other brake component at any point through the entire range of steering and suspension movement. The installer also needs make sure none of the steering or braking components can become bound or jammed at any time through the range of suspension or steering movement.

Instructions:

1. Remove the factory drum brake assembly from the spindle, making sure the spindle is clean and free of any debris or imperfections.



2. Unbolt the steering arm and then attach the three-hole spindle bracket using the supplied hardware but do not fully tighten (Photo A).



3. Install the caliper bracket to the top of the spindle with the 3/16" spacer and lock washer as shown and leave hardware loose (Photo B).



4. Bolt together the spindle bracket and caliper bracket with the two 1/2" spacers in between (Photo C).

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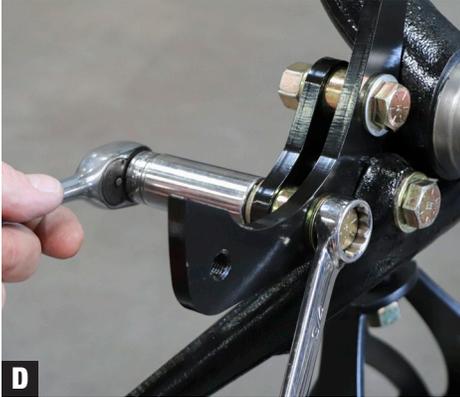


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D
5. Tighten all bracket and steering arm hardware to the proper torque specifications (Photo D).



E
6. Begin the rotor installation by packing the bearings with grease (Photo E).



F
7. Install the larger bearing into the back side of the rotor then tap the seal into place (Photo F).



G
8. Place the rotor onto the spindle pin followed by the smaller bearing (Photo G).



H
9. Then install the keyed spindle nut washer and spacer (Photo H).



I
10. Tighten the spindle nut until fully seated while making sure the rotor still spins and then back it off just a bit (Photo I).



J
11. Secure the spindle nut with a new cotter pin (Photo J).



K
12. Install the dust cap using a properly sized socket or specialized tool (Photo K).



L
13. With the brake pads installed, fit the caliper to the bracket and tighten to spec (Photo L).

SEE LAST PAGE FOR GENERAL TORQUE SPECIFICATIONS CHART

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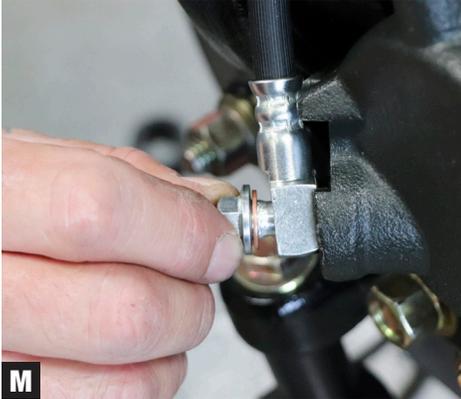


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M

14. Attach the rubber brake hose using a new crush washer on either side of the fitting (Photo M).



N

15. Fit the wheel intended for use on the brakes and check for caliper clearance. If necessary, use one or two of the supplied wheel spacers (Photo N).

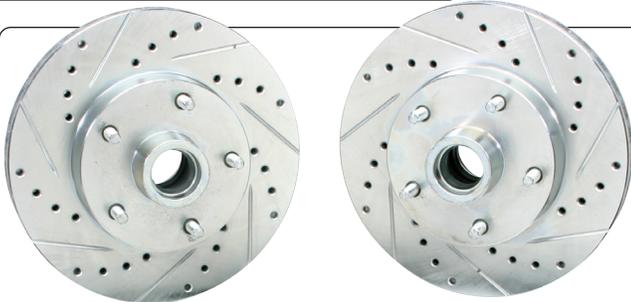
Caution: Do not use any additional wheel spacers otherwise there will not be enough threads on the studs to safely secure the wheel.

GENERAL TORQUE SPECIFICATIONS:

1/4"	grade 5	10lb/ft	1/4"	grade 8	14lb/ft
5/16"	grade 5	19lb/ft	5/16"	grade 8	29lb/ft
3/8"	grade 5	33lb/ft	3/8"	grade 8	47lb/ft
7/16"	grade 5	54lb/ft	7/16"	grade 8	78lb/ft
1/2"	grade 5	78lb/ft	1/2"	grade 8	119lb/ft
9/16"	grade 5	114lb/ft	9/16"	grade 8	169lb/ft
5/8"	grade 5	154lb/ft	5/8"	grade 8	230lb/ft

NOTE: With 18" and larger wheels we recommend 1/2" wheel studs. The larger the wheel diameter, the greater the force is on the wheel studs. Please inquire about replacement wheel stud kits available from CPP.

UPGRADES ALSO AVAILABLE



12" GAS SLOTTED / CROSS-DRILLED ROTORS

PART NUMBER: ARGX-8203L

PART NUMBER: ARGX-8203R

16" LONG HOSES STAINLESS FRONT BRAKE HOSE KIT

PART NUMBER: BHK-S10

All kits include brake hose clips and banjo bolts.



Hoses also available in black, red, blue, and yellow.

CONTACT CPP FOR DETAILS

INSTALLATION, TECHNICAL, & TROUBLESHOOTING GUIDE



SCAN QR CODE TO DOWNLOAD

Our comprehensive tech guide filled with helpful product information, technical diagrams, spec sheets, install tips & more!



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