



TECH NOTES: INSTALLATION

***See back for kits covered
by this installation guide.**

IMPORTANT: Thank you for your purchase! Prior to beginning, it is critical to observe all applicable safety precautions, including but not limited to raising & supporting the vehicle and the wearing of appropriate eye and hand protection. Brake fluid can irritate eyes and skin. When replacing brake system hydraulic components, use great caution to avoid contamination from entering the system. Always use fresh brake fluid from an unopened container. Assemble all necessary tools and vehicle-specific reference materials prior to beginning work. In some anti-lock brake (ABS) equipped vehicles, a scan tool may be required to bleed air from the system follow brake line replacement.

**1990-2004 Jeep Grand Cherokee • 1997-2001 Jeep Grand Cherokee • 1987-1995 Jeep Wrangler
1997-2006 Jeep Wrangler LJ & TJ • 2004-2006 Jeep Wrangler Unlimited • 2001-2004 Ford F-250/F-350 •
2001-2005 Ford Excursion • 2000-2006 Ford Taurus • 2000-2005 Mercury Sable • 1969 VW Type 1 Beetle
• 1971-1979 VW Type 1 Super Beetle**

The brake lines in this kit will appear different than the OE lines on your vehicle. **EZ-FIT**[®] lines are made of a nickel-copper alloy, **NiCopp**[®], that is corrosion-proof. Line fittings (tube nuts) are black-oxide coated, providing 2x the corrosion protection of OE fittings.

EZ-FIT[®] lines are engineered to incorporate proper length, flares, and hardware. **EZ-BEND**[®] technology; **EZ-FIT**[®] allows lines to be easily and quickly hand-formed for fast direct replacement.

Some OE lines may use flexible hose sections instead of solid lines. The lines in this kit will use solid lines instead of flexible hose. Each line in this kit includes a tag with a part number that corresponds to its location on the vehicle. Use the guide on the back of this sheet to locate your kit and its contents. The column that the part number is under will indicate its location on the vehicle. Due to the similarity of the brake fittings, it is imperative to identify the individual brake line locations and connections prior to both disconnection and assembly.

Use your service manual's bleeding procedure to bleed the hydraulic brake system. Before removing the existing brake lines from the master cylinder, BPMV (ABS module), and the combination valve, identify the port locations. On the BPMV (ABS module) identify the port for each component. When installing **EZ-FIT**[®] lines, ensure they are installed in the correct port locations on the master cylinder, BPMV (ABS module), and combination valve.*If lines are not installed in correct location, the hydraulic system will not function properly.

Carefully remove the existing brake lines while avoiding contamination into the hydraulic system by using tape or other appropriate measures to cover threaded end fittings and ends of openings. Taking care not to kink or to damage the **EZ-FIT**[®] lines; install using the service manual, location guide, and the old lines as a guide. Hand tighten all fittings to avoid cross-threading and final tighten to 25 Nm (18 lb ft). Once complete, inspect all lines to ensure that they do not make direct chassis or other component contact that could result in rub-through issues in the future. Adjust, bend and support necessary.

Disclaimer: All effort has been made to ensure that this product and associated information is accurate and applicable to your vehicle. However, it is impossible to foresee and account for all instances and/or circumstances. Always consult with a professional before performing any vehicle maintenance in which you have not been trained. Working on any vehicle system can be dangerous, so all safety precautions should be followed at all times. Be sure that all work is completed in a manner that conforms to Federal Motor Vehicle Safety Standards set forth by the NHTSA.

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⚠ WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov

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2000-2006 Ford Taurus; 2000-2005 Mercury Sable

AGS Kit #	Passenger Side Front Wheel to Prop Valve	Rear Feed Outer Rear Section to Rear Prop Valve	Rear Feed Outer Front Section to Front Prop Valve	Rear Feed Inner Front Section to Front Prop Valve	Rear Feed Inner Rear Section to Rear Prop Valve	Passenger Side Rear Wheel	Passenger Side Rear Wheel
	6978100C	6978730C	6978120C	6978130C	6978070C	6977530C	6977940C
CNC-235KIT	Passenger Side Front Wheel to Wheel Hose	Master Cylinder Front Port to Prop Valve	Driver Side Rear Wheel Prop Valve to Hose	Master Cylinder Rear Port to Prop Valve	Driver Side Front Wheel to Wheel Hose	Driver Side Rear Wheel Cylinder	Passenger Side Rear Wheel Cylinder
	6977890C	6977840C	6977340C	6977340C	6977850C	6977820C	6977820C

(4) BLU-3 Unions provided for joining lines that connect.

1997-2001 Jeep Cherokee (Non-ABS; w/ Chrysler Rear Axle)

AGS Kit #	Master Cylinder Front Port	Master Cylinder Rear Port	Right Front Brake Line Rear Section	Front Wheel Driver Side	Right Front Brake Line Front Section	Rear Brake Line Rear Section to Rear Hose	Rear Axle Driver Side	Rear Axle Passenger Side	Rear Brake Line Front Section to Prop Valve
CNC-236KIT	6978770C	6977810C	6977950C	6977360C	6977200C	6978740C	6978760C	6978750C	6977730C

(1) BLU-3 Union & (1) BLU-8 Union provided for joining front and rear sections.

1987-1995 Jeep Wrangler (YJ; Non-ABS)

AGS Kit #	Master Cylinder Line #1	Master Cylinder Line #2	Front Wheel Driver Side	Front Wheel Passenger Side	Rear Axle Driver Side	Rear Axle Passenger Side	Rear Feed
CNC-237KIT	6977920C	6977870C	6978780C	6978160C	6977430C	6978690C	6977780C

2001-2004 Ford F-250 & F-350 (81" Bed; Extended Cab; 4 Wheel ABS; 4WD)

AGS Kit #	Master Cylinder Front Port to ABS Modulator	Master Cylinder Rear Port	Front Wheel to Driver Side	Front Wheel to Passenger Side	Front Wheel Passenger Side to ABS Modulator	Rear Feed Rear Section to Rear Hose	Rear Axle Driver Side Junction to Caliper	Rear Axle Driver Side	Rear Axle Passenger Side
CNC-243KIT	6978640C	6977990C	6978030C	6977550C	6978020C	6978660C	6978720C	6977800C	6977960C

(1) BLU-3 Union provided for joining lines that connect.

2001-2004 Ford F-250 (96" Bed; Extended Cab; 4 Wheel ABS; 4WD) & F-350 (96" Bed, Extended Cab; 4 Wheel ABS; 4WD & Single Rear Wheel)

AGS Kit #	Master Cylinder Front Port	Master Cylinder Rear Port	Front Wheel to Driver Side	Front Wheel to Passenger Side	Front Wheel Passenger Side to ABS Modulator	Rear Feed Front Section to ABS Modulator	Rear Feed Rear Section to Rear Hose	Rear Axle Driver Side	Rear Axle Passenger Side
CNC-244KIT	6977970C	6977990C	6978030C	6977550C	6978020C	6978640C	6978680C	6977800C	6977960C

(1) BLU-3 Union and (1) BLU-4 Union provided for joining lines that connect.

2001-2004 Ford F-250 & F-350 (81" Bed; Crew Cab; 4 Wheel ABS; 4WD)

AGS Kit #	Master Cylinder Front Port	Master Cylinder Rear Port	Front Wheel to Driver Side	Front Wheel to Passenger Side	Front Wheel Passenger Side to ABS Modulator	Rear Feed Front Section to ABS Modulator	Rear Feed Rear Section to Rear Hose	Rear Axle Driver Side	Rear Axle Passenger Side
CNC-245KIT	6977970C	6977990C	6978030C	6977550C	6978020C	6978640C	6978670C	6977800C	6977960C

(1) BLU-3 Union and (1) BLU-4 Union provided for joining lines that connect.

2001-2005 Ford Excursion (4 Wheel ABS; 4WD)

AGS Kit #	Master Cylinder Front Port	Master Cylinder Rear Port	Front Wheel to Driver Side	Front Wheel to Passenger Side	Front Wheel Passenger Side to ABS Modulator	Rear Feed Front Section to ABS Modulator	Rear Feed Rear Section to Rear Hose	Rear Axle Driver Side	Rear Axle Passenger Side
CNC-295KIT	6977970C	6977990C	6978030C	6977550C	6978020C	6978640C	6978650C	6977800C	6977960C

(1) BLU-3 Union and (1) BLU-4 Union provided for joining lines that connect.

1999-2004 Jeep Grand Cherokee

AGS Kit #	Master Cylinder Front Port to ABS Module	Master Cylinder Rear Port to ABS Module	ABS Module to Left Front Brake Line	ABS Module to Right Front Brake Line Front Section	ABS Module to Right Front Brake Line Rear Section	ABS Module to Rear Brake Line Front Section	ABS Module to Rear Brake Line Rear Section	Right Rear Brake Line on Rear Axle	Left Rear Brake Line on Rear Axle
CNC-9901KIT	6977880C	6977880C	6978050C	6977430C	6978080C	6977980C	6978110C*	6978690C	6977360C

* Note: The long fitting end on 6978110C should thread into the rubber brake line at the rear axle and the short fitting should thread into the 3/8" union.

(2) BLU-3 Unions provided for joining lines that connect.

1997-2006 Jeep Wrangler LJ, TJ

AGS Kit #	Master Cylinder Line #1	Master Cylinder Line #2	Front Wheel to Driver Side	Front Wheel to Passenger Side	Rear Axle Driver Side	Rear Axle Passenger Side	Rear Feed
CNC-9902KIT	6977290C	6977280C	6978790C*	6978170C*	6978710C	6978700C	6979860C

* Note: The long fitting end on 6978790C & 6978170C should thread into the rubber brake line and the short fitting end should thread into the proportioning valve.

1969 VW Type 1 Beetle 1.5L H4; 1970-1977 VW Type 1 Beetle 1.6L H4

AGS Kit #	90" Coil	23" Coil	18" Coil	15" Coil	11" Coil
CNC-9903KIT	6978140C	6977900C (2)	6977340C (2)	6977830C (2)	6977740C

Note: Match EZ-FIT coils to OEM lines by length. All tube nuts match OEM M10x1.0 tube nuts on vehicle.

1971-1979 VW Type 1 Super Beetle

AGS Kit #	Master Cylinder to Rear Brake Line "T"	Front Right "T" to Brake Hose	Right Rear "T" Fitting to Right Rear Brake Hose	Brake Hose to Rear Wheel Cylinder Left & Right	Brake Hose to Rear Wheel Cylinder Left & Right	Brake Hose to Rear Wheel Cylinder Left & Right	Front Brake Hose to Wheel Cylinder	Front Brake Hose to Wheel Cylinder	Front "T" to Left Front Brake Hose
CNC-9904KIT	6978140C	6977930C	6977910C	6977830C	6977830C	6977830C	6977740C	6977740C	6977820C