

1. Brake Bleeder Application Chart

MAKE	MODEL	YEAR	ADAPTER #
ACURA	All w. 2.11 - 2.19" ID cap	All	BA08
	All w. 2.91" ID cap	All	BA09
	All w. 3" ID + cap	All	BA07
ALFA ROMEO	All w. 45mm threaded cap	All	BA05
AMC	All	1964-1988	BA12
ASTON MARTIN	Cygnnet	2001 +	BA10
	DB7 Vantage	All	BA05
	DB7 Volante	2011 +	BA05
	V8 Vanquish	2011 +	BA05
	V12 Vanquish	All	BA05
AUDI	All w. 45mm threaded cap	All	BA05
BENTLEY	All w. 45mm threaded cap	All	BA05
BUGATTI	Veyron	2006 +	BA05
BMW	All w. 45mm threaded cap	All	BA05
BUICK	All w. metal reservoir	Mid 80's	BA12
	All w. plastic reservoir	Mid 80's-Mid 90's	BA14
	All w. 3 tab twist-on cap	Mid 90's +	BA04
CADILLAC	All w. metal reservoir	Mid 80's	BA12
	All w. plastic reservoir	Mid 80's-Mid 90's	BA14
	All w. 3 tab twist-on cap	Mid 90's +	BA04
CHEVROLET	All w. metal dual reservoir	Mid 80's	BA12
	All w. plastic reservoir	Mid 80's-Mid 90's	BA14
	All w. 3 tab twist-on cap	Mid 90's +	BA04
	All w. metal single reservoir	Mid 90's +	BA07
	Aveo	2007-2011	BA05
	Cruze	2009 +	BA05
	Malibu	2012 +	BA05
GMC	All w. metal dual reservoir	Mid 80's	BA12
	All w. plastic reservoir	Mid 80's-Mid 90's	BA14
	All w. 3 tab twist-on cap	Mid 90's +	BA04
	All w. metal single reservoir	Mid 90's +	BA07
CHRYSLER	All w. rectangular reservoir	1966-1978	BA12
	All w. dual 3-prong caps	1978 +	BA01
	All w. single 3-prong caps	1978 +	BA03
	Crossfire	2003 +	BA05
	300M	1999-2004	BA03
	New Yorker	All	BA03
	Sebring	2001+	BA03
	Stratus	1992-2002	BA03
DODGE	All w. rectangular reservoir	1967-1984	BA12
	All w. dual 3-prong caps	1978 +	BA01
	All w. single 3-prong caps	1978 +	BA03
	Colt	1971-1975	BA12
	Stealth	1991-1996	BA12
	Stratus	1999 +	BA03
	Viper (Non-ABS)	1992-2002	BA03

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DODGE TRUCK	All w. rectangular reservoir	1967-1984	BA12
	All w. dual 3-prong caps	1978 +	BA01
	All w. single 3-prong caps	1978 +	BA03
EAGLE	All	All	BA12
FERRARI	All w. 45mm threaded cap	All	BA05
FIAT	All w. 45mm threaded cap	Most	BA05
FORD	All w. metal or plastic oval reser.	1967-Early 2000's	BA12
	All w. 3-tab twist on cap	Mid 80's +	BA03
	All w. 2-tab twist on cap	Mid 80's	BA02
	Fusion	All	BA04
	Contour	All	BA05
	Fiesta	1978-1980	BA05
	Focus	All	BA05
	Mustang	2005 +	BA05
FORD TRUCK	All w. metal or plastic oval reser.	1967-1986	BA12
	All w. 3-tab twist on cap	Mid 80's +	BA03
	All w. 2-tab twist on cap	Mid 80's	BA02
GEO	All	All	BA07
HONDA	All w. cap dia. 2.11"	All	BA08
	All w. cap dia. 2.91"	All	BA09
	All w. cap dia. 2.36"	2014 +	BAHON1
	All w. inside dia. 3" +	All	BA07
HYUNDAI	All w. 3-tab cap	All	BA03
	All others	All	BA07
INTERNATIONAL	All truck (light duty)	All	BA12
INFINITI	All w. 3-tab cap	All	BA03
	All others	All	BA07
ISUZU	All	Pre-1989	BA07
	All	1989 +	BA08
JAGUAR	All w. 45mm threaded cap	All	BA05
	All w. 3-tab cap	All	BA03
JEEP	Cherokee, Gr. Cherokee, Wagoneer	1967-1980	BA12
	Cherokee w. metal reservoir	1984-1992	BA12
	Cherokee	1995	BA03
	Cherokee w. dual 3-prong clips	1996 +	BA01
	CJ, YJ, Commanche	1967-1994	BA12
	CJ / YJ w. plastic reservoir	1995-2001	BA07
	CJ / YJ w. metal reservoir	1995-2001	BA12
	Liberty	2005-2008	BA01
KIA	All w. 3-tab cap	All	BA03
	All w. 45mm threaded cap	All	BA05
	All others	All	BA07
LAMBORGHINI	All	All	BA05
LAND ROVER	All w. threaded cap	1970-2001	BA05
	Discovery II	2000 +	BA07
RANGE ROVER	Series 2, Series 2A	1958-1968	BA07
	Series 3	All	BA07
LEXUS	All except some GS	All	BA10

MAKE	MODEL	YEAR	ADAPTER #
LINCOLN	All w. 3-tab twist on cap	Mid 80's +	BA03
	Continental	1961-1966	BA07
	Continental	1967-1989	BA12
	Town Car	1981-1989	BA12
MAZDA	All w. 45mm threaded cap	All	BA05
	All w. 3-tab twist on cap	All	BA03
	Mazda 6	2003 +	BA04
	RX-8	2003 +	BA04
	MPV	2001 +	BA04
MERCEDES BENZ	All	All	BA05
MERCURY	All w. metal or plastic oval reser.	1967-early 2000's	BA12
	All w. 3-tab twist on cap	Mid 80's +	BA03
	All w. 2-tab twist on cap	Mid 80's	BA02
	All w. 45mm threaded cap	All	BA05
MINI COOPER	All	All	BA05
MITSUBISHI	All w. 3-tab twist on cap	All	BA03
	All others	All	BA07
NISSAN	All w. 3-tab twist on cap	All	BA03
	Altima w. cap ID 1.114"	All	BA13
	All others	All	BA07
OLDSMOBILE	All w. metal dual reservoir	Thru mid 80's	BA12
	All w. plastic reservoir	Mid 80's-mid 90's	BA14
	All w. 3-tab twist on cap	Mid 90's +	BA04
	All w. metal reservoir	Pre 1970	BA07
PEUGEOT	All	All	BA07
PLYMOUTH	All w. rectangular reservoir	1967-1984	BA12
	All w. dual 3-prong clips	1978 +	BA01
	All w. single 3-prong clips	1978 +	BA03
	Breeze	All	BA03
	Laser	1990-1993	BA07
	Neon	1994-1995	BA07
PONTIAC	All w. metal dual reservoir	Thru mid 80's	BA12
	All w. plastic reservoir	Mid 80's-mid 90's	BA14
	All w. 3-tab twist on cap	Mid 90's +	BA04
	All w. metal reservoir	Pre 1970	BA07
PORSCHE	All w. 45mm threaded cap	All	BA05
RENAULT	All w. 45mm threaded cap	All	BA05
SAAB	All w. 3-tab twist on cap	All	BA03
	All w. 45mm threaded cap	All	BA05
SATURN	All w. 3-tab twist on cap	All	BA04
	All w. 45mm threaded cap	All	BA05
SUBARU	All w. 3-tab twist on cap	All	BA03
	All others	All	BA07
SUZUKI	All	1979-1999	BA07
	SX4	2006-2012	BA05
	Samurai	1985 +	BA07
	Splash	2007 +	BA05
	Swift	1996 +	BA05
	Vitara / Grand / XL7	2001 +	BA03

MAKE	MODEL	YEAR	ADAPTER #
TESLA	All	2018 +	TS04
TOYOTA	4-Runner	1996 +	BA10
	Avalon	1995-2011	BA10
	Camry	1992-2010	BA10
	Camry	2011 +	BA11
	Celica, GT	1994-1999	BA10
	Celica GT 2.0 / GT 1600, CS	2001 +	BA07
	Corolla	Pre 1992	BA11
	Corolla	1993-2002/2010-2012	BA10
	Corolla	2003-2009	BA05
	Corolla E11	All	BA10
	Cressida	1977-1981	BA07
	Crown	1985 +	BA07
	GT86	2012 +	BA03
	Highlander	2004-2007	BA10
	Hilux/Pickup/Tacoma/Pre Runner	2005 +	BA10
	Landcruiser & HJ100	All	BA07
	MR-2	1994-1995	BA10
	MR-2	2003 +	BA10
	Previa	1990-1997	BA10
	Prius	2000-2010	BA10
	Prius/Prius+	2001-2014	BA10
	RAV 4	1996-2009	BA07
	RAV 4	2009-2014	BA10
	Sequoia	All	BA10
	Starlet	1973-1999	BA11
	Sienna	1998-2014	BA10
	Tercel	1978-2000	BA11
	Tundra	All	BA10
	Urban Cruiser	2009-2014	BA10
	Verso	2009-2012	BA05
	Verso	2013-2014	BA05
	Yaris	1999-2005	BA10
	Yaris	2006-2014	BA05
VOLVO	C30	2006-2013	BA05
	S40 / V40	1995-2003	N/A
	S40 / V40	2004-2014	BA05
	S50 / V50	2004 +	BA05
	S60 / V60 / XC60	2001 +	BA05
VOLKSWAGEN	S70 / V70 / V70XC / XC70	1999-2006	BA05
	New Beetle	2002 +	BA05
	Van	2003 +	BA05
	1500 / 1600 Type 1, 2 & 3	Pre 1988	BA07
	Passat w. 45mm threaded cap	2005 +	BA05
	Scirocco	2008 +	BA05
	Touareg	2002 +	BA05

2. Brake Reservoir Adapter Installation

2.1 BA01, BA02, BA03, BA04, BA05, BA13 & BAH01

1. Remove reservoir cap and install the proper brake reservoir adapter (Fig. 1).



Fig. 1: Remove cap

2. Turn the bottom cap until it stops (Fig 2).



Fig. 2: Select and install correct adapter

3. Turn the wing knob clockwise until the O-ring fully expands (Fig. 3).



Fig. 3: Tighten wing-knob to expand o-ring

2.2 BA06, BA07, BA08 & BA09

1. Remove reservoir cap and install the proper brake reservoir adapter (Fig. 4).



Fig. 4: Remove cap

2. Once adapter is placed on top of reservoir, turn the black wing knob until it fully expands the o-ring (Fig. 5).



Fig. 5: Tighten wing knob to expand o-ring

3. After expanding the o-ring, run the chain under the master cylinder and tighten so the adapter is straight and parallel (Fig. 6).



Fig. 6: Install chain around master cylinder to retain adapter

4. With chain securely fastened, give the wing knob another solid twist to tighten.

2.3 BA10 & BA11

1. Remove reservoir cap and install proper brake reservoir adapter.



Fig. 7: Remove reservoir cap

2. Make sure all cam locks are not sticking out so adapter, then position on top of reservoir.



Fig. 8: Verify cam locks are turned as shown

3. Turn lock handles 90° in order to secure and lock adapter, then twist the black wing knob counterclockwise until o-ring is fully expanded.



Fig. 9: Turn cam locks to engage reservoir and tighten wing knob

2.4 BA14

1. Remove reservoir cap and carefully place the BA14 over master cylinder reservoir. Adjust the sliding plates to align the rubber cones with the 2 ports at the bottom of the reservoir bowl (Fig. 10).

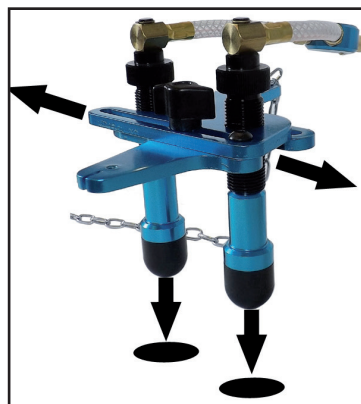


Fig. 10: Adjust width of adapter to align with ports

2. Once adapter body is centered and the cones are properly aligned with the ports, lock the plates in place by turning the wing knob clockwise (Fig. 11).

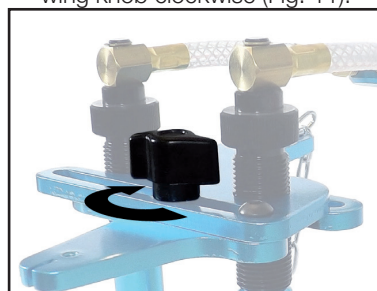


Fig. 11: Tighten wing knob to lock adapter width

3. Wrap security chain around master cylinder. Do not run chain under reservoir itself! Pull chain hand tight and secure one of the chain links in the slot. With chain in place, begin turning black knurled wheels on top of each cylinder. Turn until each wheel clockwise until they are tight and straight. (Fig. 12).

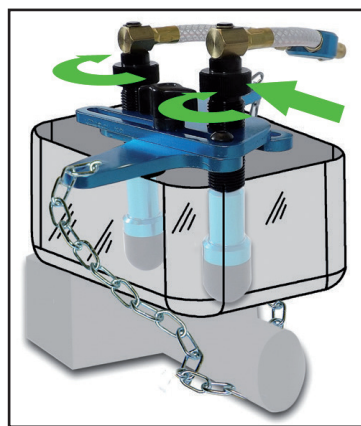


Fig. 12: Wrap chain around master cylinder and tighten

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