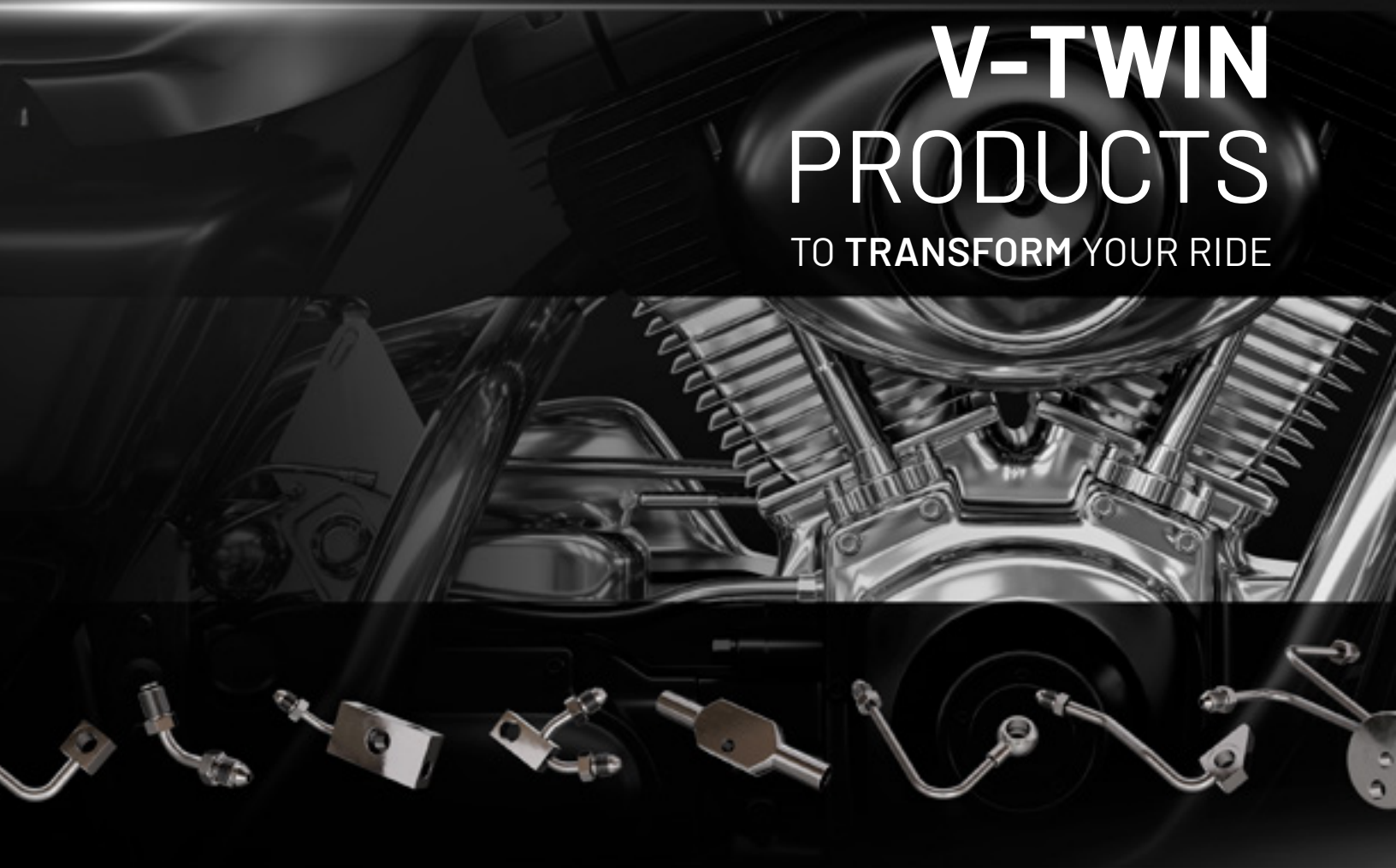


AMERICAN V-TWIN PRODUCTS

TO TRANSFORM YOUR RIDE



PREMIUM QUALITY
PARTS APPLICATION GUIDE

Introduction

Founded in 1969, Goodridge has grown from a unit in a small town to a global organisation, now manufacturing in ten facilities spread across nine countries.

Goodridge manufactures and supplies fluid transfer assemblies, hose and fittings to world leading racing teams; competing in F1, INDYCAR, NASCAR, WEC, WRC, BTCC, WTCR, MOTO GP, WSBK, BSB and more.

Goodridge brake line kits

All Goodridge brake lines go through a nine point Quality Assurance testing process including tensile strength and pressure testing to 3000 p.s.i. before leaving our facility. To ensure proper fit and easy installation, special end fittings and line brackets have been produced to fit identically to each vehicle.

Goodridge brake lines conform to all federal requirements of FMVSS106, making them DOT Compliant.





Contents

01

Universal Buildaline fittings, brake and clutch lines

Pg 04 - 17

02

Hide-a-line

Pg 18-20

03

Make your own

Pg 22-26

04

V-Twin Specific parts

Pg 28-35

05

Adaptors, Bolts, Washers and Sundries

Pg 36-47

06

EFI Fuel Lines, QD Crossover Lines and Quick Disconnect Couplings

Pg 48-49

07

Universal oil & Fuel injection lines for Harley Davidson

Pg 50-51

08

Builder kits

Pg 52-58

09

OEM HD Bleed nipple reference guide.
HD Banjo bolt cross reference guide.

Pg 60-61

10

Assembly instructions

Pg 62

Note:

Goodridge also offer a full range of ready made **brake line kits** and **brake pads for Harley Davidson** applications.

See separate application guide and brake pad catalogue for further details.

Universal Buildalene brake lines and fittings



Our extensive range of Goodridge Universal products provides everything you need to build your own brake & clutch lines for your standard or custom motorcycle.

With a full range of highly polished stainless steel or matt black zinc fittings with clear or black coated PTFE & stainless steel braided hose you can get the exact look, finish and performance required with ease.

Features and benefits include:

- *Stainless steel braided PTFE lined hose with black or clear outer cover*
- *Standard hose lengths from 9" to 78"*
(custom lengths available on request)
- *Stainless steel or zinc black fittings*
- *All hoses are pressure tested to 2,000psi*
- *FMVSS 106 & DOT compliant*
- *No pre-alignment required*
- *Easy to install*



Part No.	Description	Mat
592-03C	Straight banjo adaptor for use with 3/8 or M10 bolt	C
592-03ZBK	Straight banjo adaptor for use with 3/8 or M10 bolt	ZBK

Part No.	Description	Mat
592-03-04C	Straight banjo adaptor for use with 7/16 bolt	C
592-03-04ZBK	Straight banjo adaptor for use with 7/16 bolt	ZBK



Part No.	Description	Mat
592-03-M12C	Straight banjo adaptor for use with M12 bolt	C
592-03-M12ZBK	Straight banjo adaptor for use with M12 bolt	ZBK

Part No.	Description	Mat
593-03C	35° banjo adaptor for use with 3/8 or M10 bolt	C
593-03ZBK	35° banjo adaptor for use with 3/8 or M10 bolt	ZBK

Material Key:

C: Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

Universal Buildaline brake lines and fittings

buildaline



593-03-04C



593-03-04ZBK

Part No.	Description	Mat
593-03-04C	35° banjo adaptor for use with 7/16 bolt	C
593-03-04ZBK	35° banjo adaptor for use with 7/16 bolt	ZBK



593-03-M12C



593-03-M12ZBK

Part No.	Description	Mat
593-03-M12C	35° banjo adaptor for use with M12 bolt	C
593-03-M12ZBK	35° banjo adaptor for use with M12 bolt	ZBK



599-03C



599-03ZBK

Part No.	Description	Mat
599-03C	90° banjo adaptor for use with 3/8 or M10 bolt	C
599-03ZBK	90° banjo adaptor for use with 3/8 or M10 bolt	ZBK



599-03-04C



599-03-04ZBK

Part No.	Description	Mat
599-03-04C	90° banjo adaptor for use with 7/16 bolt	C
599-03-04ZBK	90° banjo adaptor for use with 7/16 bolt	ZBK



599-03-M12C



599-03-M12ZBK

Part No.	Description	Mat
599-03-M12C	90° banjo adaptor for use with M12 bolt	C
599-03-M12ZBK	90° banjo adaptor for use with M12 bolt	ZBK

Universal Buildaline slim brake lines and fittings



B592-03C



B592-03CBK

Part No.	Description	Mat
B592-03C	Straight banjo adaptor for use with 3/8 or M10 bolt	C
B592-03CBK	Straight banjo adaptor for use with 3/8 or M10 bolt	CBK



B592-03-04C



B592-03-04CBK

Part No.	Description	Mat
B592-03-04C	Straight banjo adaptor for use with 7/16 bolt	C
B592-03-04CBK	Straight banjo adaptor for use with 7/16 bolt	CBK



B593-03C



B593-03CBK

Part No.	Description	Mat
B593-03C	20° banjo adaptor for use with 3/8 or M10 bolt	C
B593-03CBK	20° banjo adaptor for use with 3/8 or M10 bolt	CBK



B593-03-04C



B593-03-04CBK

Part No.	Description	Mat
B593-03-04C	20° banjo adaptor for use with 7/16 bolt	C
B593-03-04CBK	20° banjo adaptor for use with 7/16 bolt	CBK



B593L-03C



B593L-03CBK

Part No.	Description	Mat
B593L-03C	20° banjo adaptor compound left for use with 3/8 or M10 bolt	C
B593L-03CBK	20° banjo adaptor compound left for use with 3/8 or M10 bolt	CBK



B593R-03C



B593R-03CBK

Part No.	Description	Mat
B593R-03C	20° banjo adaptor compound right for use with 3/8 or M10 bolt	C
B593R-03CBK	20° banjo adaptor compound right for use with 3/8 or M10 bolt	CBK

Material Key:

C: Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

Universal Buildaline slim brake lines and fittings



B594-03C



B594-03CBK

Part No.	Description	Mat
B594-03C	45° banjo adaptor for use with 3/8 or M10 bolt	C
B594-03CBK	45° banjo adaptor for use with 3/8 or M10 bolt	CBK



B594L-03C



B594R-03C

Part No.	Description	Mat
B594L-03C	45° banjo adaptor compound left for use with 3/8 or M10 bolt	C
B594R-03C	45° banjo adaptor compound right for use with 3/8 or M10 bolt	C



B597-03C



B597-03CBK

Part No.	Description	Mat
B597-03C	20° side banjo adaptor for use with 3/8 or M10 bolt	C
B597-03CBK	20° side banjo adaptor for use with 3/8 or M10 bolt	CBK



B599-03C



B599-03CBK

Part No.	Description	Mat
B599-03C	90° banjo adaptor for use with 3/8 or M10 bolt	C
B599-03CBK	90° banjo adaptor for use with 3/8 or M10 bolt	CBK



B599-03-04C



B599-03-04CBK

Part No.	Description	Mat
B599-03-04C	90° banjo adaptor for use with 7/16 bolt	C
B599-03-04CBK	90° banjo adaptor for use with 7/16 bolt	CBK



B599S-03C

Part No.	Description	Mat
B599S-03C	90° side banjo adaptor for use with 3/8 or M10 bolt	C

buildaline



Material Key:**C:** Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

Universal Buildaline slim brake lines and fittings

buildaline

Installation Guide

1. Fit the banjo adaptors in place with the bolts and the correct amount of washers. Our recommended torque setting for this is 14 – 24 ft/lbs. This torque setting is advisory for the fittings, **NOT** for your master cylinder or calipers. **Care must be taken not to damage either your master cylinder or calipers. (please refer to the manufacturers torque settings).**

Please also ensure that you have chosen the correct threaded bolt for your application.

2. Locate the correct length hose. Route the hose safely, ensuring that it cannot be damaged by daily use of your bike, when the steering is at full lock. (Use tube clamps if necessary (**SBKPLCC-05**) to help with the routing).

3. Screw the hose onto the banjo adaptors, making sure that it has been fully tightened.

Tip - As a rough guide, finger tight then a ¼ turn will give you 14 ft/lbs.

4. P-Clips (**SBKPLCC-05**) are available to ensure that your hoses are routed correctly.

5. Bleed your brakes correctly and carefully following any special bleeding sequence as recommended in your bike manual. Use the manufactures recommended brake fluid. Goodridge recommend our own high quality DOT 4 fluid. (see page 47 for our fluid)

6. TEST FOR ANY LEAKS

7. After using your bike for the first time, we recommend that you give your brakes and fittings a thorough inspection to check for any leaks.

If any leaks are present, tighten your fittings and repeat step 5 once more.

Universal Buildalene brake lines and fittings

buildalene

Universal brake lines are the simplest, most versatile and efficient brake line solution for virtually all street-bikes.

Pre-assembled brake lines with AN3 female swivels to connect with the accompanying universal hardware. Goodridge offers a variety of fitment options to match the appearance and geometry of virtually any bike.

Available with:

- Stainless fittings (C)/Clear hose cover
- Stainless fittings (C)/ Black hose cover
- Black fittings (ZBK)/Clear hose cover
- Black fittings (ZBK)/Black hose cover

STAINLESS FITTINGS/CLEAR HOSE COVER

STAINLESS FITTINGS/BLACK HOSE COVER

BLACK FITTINGS/CLEAR HOSE COVER

BLACK FITTINGS/BLACK HOSE COVER


Description	Length "	Stainless fittings (C)/ Clear hose cover	Stainless fittings (C)/ Black hose cover	Black fittings (ZBK)/ Clear hose cover	Black fittings (ZBK)/ Black hose cover
		Part No.	Part No.	Part No.	Part No.
Universal brake line assembly	9	30309TC-CL	30309TC-BK	30309TB-CL	30309TB-BK
Universal brake line assembly	10	30310TC-CL	30310TC-BK	30310TB-CL	30310TB-BK
Universal brake line assembly	11	30311TC-CL	30311TC-BK	30311TB-CL	30311TB-BK
Universal brake line assembly	12	30312TC-CL	30312TC-BK	30312TB-CL	30312TB-BK
Universal brake line assembly	13	30313TC-CL	30313TC-BK	30313TB-CL	30313TB-BK
Universal brake line assembly	14	30314TC-CL	30314TC-BK	30314TB-CL	30314TB-BK
Universal brake line assembly	15	30315TC-CL	30315TC-BK	30315TB-CL	30315TB-BK
Universal brake line assembly	16	30316TC-CL	30316TC-BK	30316TB-CL	30316TB-BK
Universal brake line assembly	17	30317TC-CL	30317TC-BK	30317TB-CL	30317TB-BK
Universal brake line assembly	18	30318TC-CL	30318TC-BK	30318TB-CL	30318TB-BK
Universal brake line assembly	19	30319TC-CL	30319TC-BK	30319TB-CL	30319TB-BK
Universal brake line assembly	20	30320TC-CL	30320TC-BK	30320TB-CL	30320TB-BK

Material Key:**C:** Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel**Universal Buildaline** brake lines and fittings**buildaline**

Description	Length "	Stainless fittings (C)/ Clear hose cover	Stainless fittings (C)/ Black hose cover	Black fittings (ZBK)/ Clear hose cover	Black fittings (ZBK)/ Black hose cover
		Part No.	Part No.	Part No.	Part No.
Universal brake line assembly	21	30321TC-CL	30321TC-BK	30321TB-CL	30321TB-BK
Universal brake line assembly	22	30322TC-CL	30322TC-BK	30322TB-CL	30322TB-BK
Universal brake line assembly	23	30323TC-CL	30323TC-BK	30323TB-CL	30323TB-BK
Universal brake line assembly	24	30324TC-CL	30324TC-BK	30324TB-CL	30324TB-BK
Universal brake line assembly	25	30325TC-CL	30325TC-BK	30325TB-CL	30325TB-BK
Universal brake line assembly	26	30326TC-CL	30326TC-BK	30326TB-CL	30326TB-BK
Universal brake line assembly	28	30328TC-CL	30328TC-BK	30328TB-CL	30328TB-BK
Universal brake line assembly	30	30330TC-CL	30330TC-BK	30330TB-CL	30330TB-BK
Universal brake line assembly	32	30332TC-CL	30332TC-BK	30332TB-CL	30332TB-BK
Universal brake line assembly	34	30334TC-CL	30334TC-BK	30334TB-CL	30334TB-BK
Universal brake line assembly	36	30336TC-CL	30336TC-BK	30336TB-CL	30336TB-BK
Universal brake line assembly	38	30338TC-CL	30338TC-BK	30338TB-CL	30338TB-BK
Universal brake line assembly	40	30340TC-CL	30340TC-BK	30340TB-CL	30340TB-BK
Universal brake line assembly	42	30342TC-CL	30342TC-BK	30342TB-CL	30342TB-BK
Universal brake line assembly	44	30344TC-CL	30344TC-BK	30344TB-CL	30344TB-BK
Universal brake line assembly	46	30346TC-CL	30346TC-BK	30346TB-CL	30346TB-BK
Universal brake line assembly	47	30347TC-CL	30347TC-BK	30347TB-CL	30347TB-BK
Universal brake line assembly	48	30348TC-CL	30348TC-BK	30348TB-CL	30348TB-BK
Universal brake line assembly	50	30350TC-CL	30350TC-BK	30350TB-CL	30350TB-BK
Universal brake line assembly	52	30352TC-CL	30352TC-BK	30352TB-CL	30352TB-BK
Universal brake line assembly	54	30354TC-CL	30354TC-BK	30354TB-CL	30354TB-BK
Universal brake line assembly	56	30356TC-CL	30356TC-BK	30356TB-CL	30356TB-BK
Universal brake line assembly	58	30358TC-CL	30358TC-BK	30358TB-CL	30358TB-BK
Universal brake line assembly	60	30360TC-CL	30360TC-BK	30360TB-CL	30360TB-BK
Universal brake line assembly	62	30362TC-CL	30362TC-BK	30362TB-CL	30362TB-BK
Universal brake line assembly	64	30364TC-CL	30364TC-BK	30364TB-CL	30364TB-BK
Universal brake line assembly	66	30366TC-CL	30366TC-BK	30366TB-CL	30366TB-BK
Universal brake line assembly	68	30368TC-CL	30368TC-BK	30368TB-CL	30368TB-BK
Universal brake line assembly	70	30370TC-CL	30370TC-BK	30370TB-CL	30370TB-BK
Universal brake line assembly	72	30372TC-CL	30372TC-BK	30372TB-CL	30372TB-BK
Universal brake line assembly	74	30374TC-CL	30374TC-BK	30374TB-CL	30374TB-BK
Universal brake line assembly	76	30376TC-CL	30376TC-BK	30376TB-CL	30376TB-BK
Universal brake line assembly	78	30378TC-CL	30378TC-BK	30378TB-CL	30378TB-BK

Universal hydraulic clutch lines for Harley Davidson

Available to fit all Harley models with stock or P&A hydraulic systems, Goodridge hydraulic clutch lines feature black or clear coated, PTFE inner liner, premium stainless steel braided hoses and stainless steel or black zinc plated steel hardware.

Features and benefits include:

- *Stainless steel braided PTFE lined hose with black or clear outer cover*
- *Multiple hose lengths for use with stock or custom applications*
- *Stainless steel or zinc black fittings*
- *All hoses are pressure tested to 3,000psi*
- *FMVSS 106 & DOT compliant*



STAINLESS FITTINGS/CLEAR HOSE COVER

STAINLESS FITTINGS/BLACK HOSE COVER

BLACK FITTINGS/CLEAR HOSE COVER

BLACK FITTINGS/BLACK HOSE COVER

Description	Length "	Stainless fittings (C)/ Clear hose cover	Stainless fittings (C)/ Black hose cover	Black fittings (ZBK)/ Clear hose cover	Black fittings (ZBK)/ Black hose cover
		Part No.	Part No.	Part No.	Part No.
HD Models 2017-					
With straight banjo (S5092)					
Universal clutch line assembly	56	HD3001-1CC-CL56	HD3001-1CC-BK56	HD3001-1CB-CL56	HD3001-1CB-BK56
Universal clutch line assembly	58	HD3001-1CC-CL58	HD3001-1CC-BK58	HD3001-1CB-CL58	HD3001-1CB-BK58
Universal clutch line assembly	60	HD3001-1CC-CL60	HD3001-1CC-BK60	HD3001-1CB-CL60	HD3001-1CB-BK60
Universal clutch line assembly	62	HD3001-1CC-CL62	HD3001-1CC-BK62	HD3001-1CB-CL62	HD3001-1CB-BK62
Universal clutch line assembly	64	HD3001-1CC-CL64	HD3001-1CC-BK64	HD3001-1CB-CL64	HD3001-1CB-BK64
Universal clutch line assembly	66	HD3001-1CC-CL66	HD3001-1CC-BK66	HD3001-1CB-CL66	HD3001-1CB-BK66
Universal clutch line assembly	68	HD3001-1CC-CL68	HD3001-1CC-BK68	HD3001-1CB-CL68	HD3001-1CB-BK68
Universal clutch line assembly	70	HD3001-1CC-CL70	HD3001-1CC-BK70	HD3001-1CB-CL70	HD3001-1CB-BK70
Universal clutch line assembly	72	HD3001-1CC-CL72	HD3001-1CC-BK72	HD3001-1CB-CL72	HD3001-1CB-BK72
Universal clutch line assembly	74	HD3001-1CC-CL74	HD3001-1CC-BK74	HD3001-1CB-CL74	HD3001-1CB-BK74

Material Key:**C:** Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

Universal hydraulic clutch lines for Harley Davidson

Description	Length "	Stainless fittings (C)/ Clear hose cover	Stainless fittings (C)/ Black hose cover	Black fittings (ZBK)/ Clear hose cover	Black fittings (ZBK)/ Black hose cover
		Part No.	Part No.	Part No.	Part No.
Universal clutch line assembly	76	HD3001-1CC-CL76	HD3001-1CC-BK76	HD3001-1CB-CL76	HD3001-1CB-BK76
Universal clutch line assembly	78	HD3001-1CC-CL78	HD3001-1CC-BK78	HD3001-1CB-CL78	HD3001-1CB-BK78
Universal clutch line assembly	80	HD3001-1CC-CL80	HD3001-1CC-BK80	HD3001-1CB-CL80	HD3001-1CB-BK80
Universal clutch line assembly	82	HD3001-1CC-CL82	HD3001-1CC-BK82	HD3001-1CB-CL82	HD3001-1CB-BK82
Universal clutch line assembly	84	HD3001-1CC-CL84	HD3001-1CC-BK84	HD3001-1CB-CL84	HD3001-1CB-BK84
Universal clutch line assembly	86	HD3001-1CC-CL86	HD3001-1CC-BK86	HD3001-1CB-CL86	HD3001-1CB-BK86
Universal clutch line assembly	88	HD3001-1CC-CL88	HD3001-1CC-BK88	HD3001-1CB-CL88	HD3001-1CB-BK88
With 45° banjo (S5094)					
Universal clutch line assembly	56	HD3045-1CC-CL56	HD3045-1CC-BK56	HD3045-1CB-CL56	HD3045-1CB-BK56
Universal clutch line assembly	58	HD3045-1CC-CL58	HD3045-1CC-BK58	HD3045-1CB-CL58	HD3045-1CB-BK58
Universal clutch line assembly	60	HD3045-1CC-CL60	HD3045-1CC-BK60	HD3045-1CB-CL60	HD3045-1CB-BK60
Universal clutch line assembly	62	HD3045-1CC-CL62	HD3045-1CC-BK62	HD3045-1CB-CL62	HD3045-1CB-BK62
Universal clutch line assembly	64	HD3045-1CC-CL64	HD3045-1CC-BK64	HD3045-1CB-CL64	HD3045-1CB-BK64
Universal clutch line assembly	66	HD3045-1CC-CL66	HD3045-1CC-BK66	HD3045-1CB-CL66	HD3045-1CB-BK66
Universal clutch line assembly	68	HD3045-1CC-CL68	HD3045-1CC-BK68	HD3045-1CB-CL68	HD3045-1CB-BK68
Universal clutch line assembly	70	HD3045-1CC-CL70	HD3045-1CC-BK70	HD3045-1CB-CL70	HD3045-1CB-BK70
Universal clutch line assembly	72	HD3045-1CC-CL72	HD3045-1CC-BK72	HD3045-1CB-CL72	HD3045-1CB-BK72
Universal clutch line assembly	74	HD3045-1CC-CL74	HD3045-1CC-BK74	HD3045-1CB-CL74	HD3045-1CB-BK74
Universal clutch line assembly	76	HD3045-1CC-CL76	HD3045-1CC-BK76	HD3045-1CB-CL76	HD3045-1CB-BK76
Universal clutch line assembly	78	HD3045-1CC-CL78	HD3045-1CC-BK78	HD3045-1CB-CL78	HD3045-1CB-BK78
Universal clutch line assembly	80	HD3045-1CC-CL80	HD3045-1CC-BK80	HD3045-1CB-CL80	HD3045-1CB-BK80
Universal clutch line assembly	82	HD3045-1CC-CL82	HD3045-1CC-BK82	HD3045-1CB-CL82	HD3045-1CB-BK82
Universal clutch line assembly	84	HD3045-1CC-CL84	HD3045-1CC-BK84	HD3045-1CB-CL84	HD3045-1CB-BK84
Universal clutch line assembly	86	HD3045-1CC-CL86	HD3045-1CC-BK86	HD3045-1CB-CL86	HD3045-1CB-BK86
Universal clutch line assembly	88	HD3045-1CC-CL88	HD3045-1CC-BK88	HD3045-1CB-CL88	HD3045-1CB-BK88
With 90° banjo (S5099)					
Universal clutch line assembly	56	HD3090-1CC-CL56	HD3090-1CC-BK56	HD3090-1CB-CL56	HD3090-1CB-BK56
Universal clutch line assembly	58	HD3090-1CC-CL58	HD3090-1CC-BK58	HD3090-1CB-CL58	HD3090-1CB-BK58
Universal clutch line assembly	60	HD3090-1CC-CL60	HD3090-1CC-BK60	HD3090-1CB-CL60	HD3090-1CB-BK60
Universal clutch line assembly	62	HD3090-1CC-CL62	HD3090-1CC-BK62	HD3090-1CB-CL62	HD3090-1CB-BK62
Universal clutch line assembly	64	HD3090-1CC-CL64	HD3090-1CC-BK64	HD3090-1CB-CL64	HD3090-1CB-BK64
Universal clutch line assembly	66	HD3090-1CC-CL66	HD3090-1CC-BK66	HD3090-1CB-CL66	HD3090-1CB-BK66

Universal hydraulic clutch lines for Harley Davidson

Description	Length "	Stainless fittings (C)/ Clear hose cover	Stainless fittings (C)/ Black hose cover	Black fittings (ZBK)/ Clear hose cover	Black fittings (ZBK)/ Black hose cover
		Part No.	Part No.	Part No.	Part No.
Universal clutch line assembly	68	HD3090-1CC-CL68	HD3090-1CC-BK68	HD3090-1CB-CL68	HD3090-1CB-BK68
Universal clutch line assembly	70	HD3090-1CC-CL70	HD3090-1CC-BK70	HD3090-1CB-CL70	HD3090-1CB-BK70
Universal clutch line assembly	72	HD3090-1CC-CL72	HD3090-1CC-BK72	HD3090-1CB-CL72	HD3090-1CB-BK72
Universal clutch line assembly	74	HD3090-1CC-CL74	HD3090-1CC-BK74	HD3090-1CB-CL74	HD3090-1CB-BK74
Universal clutch line assembly	76	HD3090-1CC-CL76	HD3090-1CC-BK76	HD3090-1CB-CL76	HD3090-1CB-BK76
Universal clutch line assembly	78	HD3090-1CC-CL78	HD3090-1CC-BK78	HD3090-1CB-CL78	HD3090-1CB-BK78
Universal clutch line assembly	80	HD3090-1CC-CL80	HD3090-1CC-BK80	HD3090-1CB-CL80	HD3090-1CB-BK80
Universal clutch line assembly	82	HD3090-1CC-CL82	HD3090-1CC-BK82	HD3090-1CB-CL82	HD3090-1CB-BK82
Universal clutch line assembly	84	HD3090-1CC-CL84	HD3090-1CC-BK84	HD3090-1CB-CL84	HD3090-1CB-BK84
Universal clutch line assembly	86	HD3090-1CC-CL86	HD3090-1CC-BK86	HD3090-1CB-CL86	HD3090-1CB-BK86
Universal clutch line assembly	88	HD3090-1CC-CL88	HD3090-1CC-BK88	HD3090-1CB-CL88	HD3090-1CB-BK88
HD Models 2013-2016					
With straight banjo (S5092)					
Universal clutch line assembly	56	HD2001-1CC-CL56	HD2001-1CC-BK56	HD2001-1CB-CL56	HD2001-1CB-BK56
Universal clutch line assembly	58	HD2001-1CC-CL58	HD2001-1CC-BK58	HD2001-1CB-CL58	HD2001-1CB-BK58
Universal clutch line assembly	60	HD2001-1CC-CL60	HD2001-1CC-BK60	HD2001-1CB-CL60	HD2001-1CB-BK60
Universal clutch line assembly	62	HD2001-1CC-CL62	HD2001-1CC-BK62	HD2001-1CB-CL62	HD2001-1CB-BK62
Universal clutch line assembly	64	HD2001-1CC-CL64	HD2001-1CC-BK64	HD2001-1CB-CL64	HD2001-1CB-BK64
Universal clutch line assembly	66	HD2001-1CC-CL66	HD2001-1CC-BK66	HD2001-1CB-CL66	HD2001-1CB-BK66
Universal clutch line assembly	68	HD2001-1CC-CL68	HD2001-1CC-BK68	HD2001-1CB-CL68	HD2001-1CB-BK68
Universal clutch line assembly	70	HD2001-1CC-CL70	HD2001-1CC-BK70	HD2001-1CB-CL70	HD2001-1CB-BK70
Universal clutch line assembly	72	HD2001-1CC-CL72	HD2001-1CC-BK72	HD2001-1CB-CL72	HD2001-1CB-BK72
Universal clutch line assembly	74	HD2001-1CC-CL74	HD2001-1CC-BK74	HD2001-1CB-CL74	HD2001-1CB-BK74
Universal clutch line assembly	76	HD2001-1CC-CL76	HD2001-1CC-BK76	HD2001-1CB-CL76	HD2001-1CB-BK76
Universal clutch line assembly	78	HD2001-1CC-CL78	HD2001-1CC-BK78	HD2001-1CB-CL78	HD2001-1CB-BK78
Universal clutch line assembly	80	HD2001-1CC-CL80	HD2001-1CC-BK80	HD2001-1CB-CL80	HD2001-1CB-BK80
Universal clutch line assembly	82	HD2001-1CC-CL82	HD2001-1CC-BK82	HD2001-1CB-CL82	HD2001-1CB-BK82
Universal clutch line assembly	84	HD2001-1CC-CL84	HD2001-1CC-BK84	HD2001-1CB-CL84	HD2001-1CB-BK84
Universal clutch line assembly	86	HD2001-1CC-CL86	HD2001-1CC-BK86	HD2001-1CB-CL86	HD2001-1CB-BK86
Universal clutch line assembly	88	HD2001-1CC-CL88	HD2001-1CC-BK88	HD2001-1CB-CL88	HD2001-1CB-BK88
With 45° banjo (S5094)					
Universal clutch line assembly	56	HD2045-1CC-CL56	HD2045-1CC-BK56	HD2045-1CB-CL56	HD2045-1CB-BK56
Universal clutch line assembly	58	HD2045-1CC-CL58	HD2045-1CC-BK58	HD2045-1CB-CL58	HD2045-1CB-BK58

Material Key:**C:** Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

Universal hydraulic clutch lines for Harley Davidson

Description	Length "	Stainless fittings (C)/ Clear hose cover	Stainless fittings (C)/ Black hose cover	Black fittings (ZBK)/ Clear hose cover	Black fittings (ZBK)/ Black hose cover
		Part No.	Part No.	Part No.	Part No.
Universal clutch line assembly	60	HD2045-1CC-CL60	HD2045-1CC-BK60	HD2045-1CB-CL60	HD2045-1CB-BK60
Universal clutch line assembly	62	HD2045-1CC-CL62	HD2045-1CC-BK62	HD2045-1CB-CL62	HD2045-1CB-BK62
Universal clutch line assembly	64	HD2045-1CC-CL64	HD2045-1CC-BK64	HD2045-1CB-CL64	HD2045-1CB-BK64
Universal clutch line assembly	66	HD2045-1CC-CL66	HD2045-1CC-BK66	HD2045-1CB-CL66	HD2045-1CB-BK66
Universal clutch line assembly	68	HD2045-1CC-CL68	HD2045-1CC-BK68	HD2045-1CB-CL68	HD2045-1CB-BK68
Universal clutch line assembly	70	HD2045-1CC-CL70	HD2045-1CC-BK70	HD2045-1CB-CL70	HD2045-1CB-BK70
Universal clutch line assembly	72	HD2045-1CC-CL72	HD2045-1CC-BK72	HD2045-1CB-CL72	HD2045-1CB-BK72
Universal clutch line assembly	74	HD2045-1CC-CL74	HD2045-1CC-BK74	HD2045-1CB-CL74	HD2045-1CB-BK74
Universal clutch line assembly	76	HD2045-1CC-CL76	HD2045-1CC-BK76	HD2045-1CB-CL76	HD2045-1CB-BK76
Universal clutch line assembly	78	HD2045-1CC-CL78	HD2045-1CC-BK78	HD2045-1CB-CL78	HD2045-1CB-BK78
Universal clutch line assembly	80	HD2045-1CC-CL80	HD2045-1CC-BK80	HD2045-1CB-CL80	HD2045-1CB-BK80
Universal clutch line assembly	82	HD2045-1CC-CL82	HD2045-1CC-BK82	HD2045-1CB-CL82	HD2045-1CB-BK82
Universal clutch line assembly	84	HD2045-1CC-CL84	HD2045-1CC-BK84	HD2045-1CB-CL84	HD2045-1CB-BK84
Universal clutch line assembly	86	HD2045-1CC-CL86	HD2045-1CC-BK86	HD2045-1CB-CL86	HD2045-1CB-BK86
Universal clutch line assembly	88	HD2045-1CC-CL88	HD2045-1CC-BK88	HD2045-1CB-CL88	HD2045-1CB-BK88
With 90° banjo (S5099)					
Universal clutch line assembly	56	HD2090-1CC-CL56	HD2090-1CC-BK56	HD2090-1CB-CL56	HD2090-1CB-BK56
Universal clutch line assembly	58	HD2090-1CC-CL58	HD2090-1CC-BK58	HD2090-1CB-CL58	HD2090-1CB-BK58
Universal clutch line assembly	60	HD2090-1CC-CL60	HD2090-1CC-BK60	HD2090-1CB-CL60	HD2090-1CB-BK60
Universal clutch line assembly	62	HD2090-1CC-CL62	HD2090-1CC-BK62	HD2090-1CB-CL62	HD2090-1CB-BK62
Universal clutch line assembly	64	HD2090-1CC-CL64	HD2090-1CC-BK64	HD2090-1CB-CL64	HD2090-1CB-BK64
Universal clutch line assembly	66	HD2090-1CC-CL66	HD2090-1CC-BK66	HD2090-1CB-CL66	HD2090-1CB-BK66
Universal clutch line assembly	68	HD2090-1CC-CL68	HD2090-1CC-BK68	HD2090-1CB-CL68	HD2090-1CB-BK68
Universal clutch line assembly	70	HD2090-1CC-CL70	HD2090-1CC-BK70	HD2090-1CB-CL70	HD2090-1CB-BK70
Universal clutch line assembly	72	HD2090-1CC-CL72	HD2090-1CC-BK72	HD2090-1CB-CL72	HD2090-1CB-BK72
Universal clutch line assembly	74	HD2090-1CC-CL74	HD2090-1CC-BK74	HD2090-1CB-CL74	HD2090-1CB-BK74
Universal clutch line assembly	76	HD2090-1CC-CL76	HD2090-1CC-BK76	HD2090-1CB-CL76	HD2090-1CB-BK76
Universal clutch line assembly	78	HD2090-1CC-CL78	HD2090-1CC-BK78	HD2090-1CB-CL78	HD2090-1CB-BK78
Universal clutch line assembly	80	HD2090-1CC-CL80	HD2090-1CC-BK80	HD2090-1CB-CL80	HD2090-1CB-BK80
Universal clutch line assembly	82	HD2090-1CC-CL82	HD2090-1CC-BK82	HD2090-1CB-CL82	HD2090-1CB-BK82
Universal clutch line assembly	84	HD2090-1CC-CL84	HD2090-1CC-BK84	HD2090-1CB-CL84	HD2090-1CB-BK84
Universal clutch line assembly	86	HD2090-1CC-CL86	HD2090-1CC-BK86	HD2090-1CB-CL86	HD2090-1CB-BK86

Universal hydraulic clutch lines for Harley Davidson

Description	Length"	Stainless fittings (C)/ Clear hose cover	Stainless fittings (C)/ Black hose cover	Black fittings (ZBK)/ Clear hose cover	Black fittings (ZBK)/ Black hose cover
		Part No.	Part No.	Part No.	Part No.
Universal clutch line assembly	88	HD2090-1CC-CL88	HD2090-1CC-BK88	HD2090-1CB-CL88	HD2090-1CB-BK88
HD Models Pre 2012 (Excluding CVO models)					
With straight banjo (S5092)					
Universal clutch line assembly	56	HD1001-1CC-CL56	HD1001-1CC-BK56	HD1001-1CB-CL56	HD1001-1CB-BK56
Universal clutch line assembly	58	HD1001-1CC-CL58	HD1001-1CC-BK58	HD1001-1CB-CL58	HD1001-1CB-BK58
Universal clutch line assembly	60	HD1001-1CC-CL60	HD1001-1CC-BK60	HD1001-1CB-CL60	HD1001-1CB-BK60
Universal clutch line assembly	62	HD1001-1CC-CL62	HD1001-1CC-BK62	HD1001-1CB-CL62	HD1001-1CB-BK62
Universal clutch line assembly	64	HD1001-1CC-CL64	HD1001-1CC-BK64	HD1001-1CB-CL64	HD1001-1CB-BK64
Universal clutch line assembly	66	HD1001-1CC-CL66	HD1001-1CC-BK66	HD1001-1CB-CL66	HD1001-1CB-BK66
Universal clutch line assembly	68	HD1001-1CC-CL68	HD1001-1CC-BK68	HD1001-1CB-CL68	HD1001-1CB-BK68
Universal clutch line assembly	70	HD1001-1CC-CL70	HD1001-1CC-BK70	HD1001-1CB-CL70	HD1001-1CB-BK70
Universal clutch line assembly	72	HD1001-1CC-CL72	HD1001-1CC-BK72	HD1001-1CB-CL72	HD1001-1CB-BK72
Universal clutch line assembly	74	HD1001-1CC-CL74	HD1001-1CC-BK74	HD1001-1CB-CL74	HD1001-1CB-BK74
Universal clutch line assembly	76	HD1001-1CC-CL76	HD1001-1CC-BK76	HD1001-1CB-CL76	HD1001-1CB-BK76
Universal clutch line assembly	78	HD1001-1CC-CL78	HD1001-1CC-BK78	HD1001-1CB-CL78	HD1001-1CB-BK78
With 45° banjo (S5094)					
Universal clutch line assembly	56	HD1045-1CC-CL56	HD1045-1CC-BK56	HD1045-1CB-CL56	HD1045-1CB-BK56
Universal clutch line assembly	58	HD1045-1CC-CL58	HD1045-1CC-BK58	HD1045-1CB-CL58	HD1045-1CB-BK58
Universal clutch line assembly	60	HD1045-1CC-CL60	HD1045-1CC-BK60	HD1045-1CB-CL60	HD1045-1CB-BK60
Universal clutch line assembly	62	HD1045-1CC-CL62	HD1045-1CC-BK62	HD1045-1CB-CL62	HD1045-1CB-BK62
Universal clutch line assembly	64	HD1045-1CC-CL64	HD1045-1CC-BK64	HD1045-1CB-CL64	HD1045-1CB-BK64
Universal clutch line assembly	66	HD1045-1CC-CL66	HD1045-1CC-BK66	HD1045-1CB-CL66	HD1045-1CB-BK66
Universal clutch line assembly	68	HD1045-1CC-CL68	HD1045-1CC-BK68	HD1045-1CB-CL68	HD1045-1CB-BK68
Universal clutch line assembly	70	HD1045-1CC-CL70	HD1045-1CC-BK70	HD1045-1CB-CL70	HD1045-1CB-BK70
Universal clutch line assembly	72	HD1045-1CC-CL72	HD1045-1CC-BK72	HD1045-1CB-CL72	HD1045-1CB-BK72
Universal clutch line assembly	74	HD1045-1CC-CL74	HD1045-1CC-BK74	HD1045-1CB-CL74	HD1045-1CB-BK74
Universal clutch line assembly	76	HD1045-1CC-CL76	HD1045-1CC-BK76	HD1045-1CB-CL76	HD1045-1CB-BK76
Universal clutch line assembly	78	HD1045-1CC-CL78	HD1045-1CC-BK78	HD1045-1CB-CL78	HD1045-1CB-BK78
With 90° banjo (S5099)					
Universal clutch line assembly	56	HD1090-1CC-CL56	HD1090-1CC-BK56	HD1090-1CB-CL56	HD1090-1CB-BK56
Universal clutch line assembly	58	HD1090-1CC-CL58	HD1090-1CC-BK58	HD1090-1CB-CL58	HD1090-1CB-BK58
Universal clutch line assembly	60	HD1090-1CC-CL60	HD1090-1CC-BK60	HD1090-1CB-CL60	HD1090-1CB-BK60
Universal clutch line assembly	62	HD1090-1CC-CL62	HD1090-1CC-BK62	HD1090-1CB-CL62	HD1090-1CB-BK62
Universal clutch line assembly	64	HD1090-1CC-CL64	HD1090-1CC-BK64	HD1090-1CB-CL64	HD1090-1CB-BK64

Material Key:**C:** Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

Universal hydraulic clutch lines for Harley Davidson

Description	Length "	Stainless fittings (C)/	Stainless fittings (C)/	Black fittings (ZBK)/	Black fittings (ZBK)/
		Clear hose cover	Black hose cover	Clear hose cover	Black hose cover
		Part No.	Part No.	Part No.	Part No.
Universal clutch line assembly	66	HD1090-1CC-CL66	HD1090-1CC-BK66	HD1090-1CB-CL66	HD1090-1CB-BK66
Universal clutch line assembly	68	HD1090-1CC-CL68	HD1090-1CC-BK68	HD1090-1CB-CL68	HD1090-1CB-BK68
Universal clutch line assembly	70	HD1090-1CC-CL70	HD1090-1CC-BK70	HD1090-1CB-CL70	HD1090-1CB-BK70
Universal clutch line assembly	72	HD1090-1CC-CL72	HD1090-1CC-BK72	HD1090-1CB-CL72	HD1090-1CB-BK72
Universal clutch line assembly	74	HD1090-1CC-CL74	HD1090-1CC-BK74	HD1090-1CB-CL74	HD1090-1CB-BK74
Universal clutch line assembly	76	HD1090-1CC-CL76	HD1090-1CC-BK76	HD1090-1CB-CL76	HD1090-1CB-BK76
Universal clutch line assembly	78	HD1090-1CC-CL78	HD1090-1CC-BK78	HD1090-1CB-CL78	HD1090-1CB-BK78

Note:

The above universal clutch lines are provided with a stainless steel clutch adaptor for the relevant model year.

These adaptors can also be supplied separately if required. See details below:

**602-03-04C**

Part No.	Description	Mat
602-03-04C	Clutch adaptor 7/16 to AN3 for Harley Davidson V Twins 01-12	C

**622-03-04C**

Part No.	Description	Mat
622-03-04C	Clutch adaptor 7/16 to AN3 for Harley Davidson V-Rod 02-17, Pre 2013 CVO	C

**628-03C**

Part No.	Description	Mat
628-03C	Clutch adaptor 3/8 to AN3 for Harley Davidson V Twins 13-16	C

**629-03C**

Part No.	Description	Mat
629-03C	Clutch adaptor M10 to AN3 for Harley Davidson big twins 17-20	C

Hide-a-line brake line hose and fittings

Our range of Hide-a-line hose and fittings were developed for custom applications where routing your brake lines through handlebars and frames is required.

Made from the same premium quality materials as our stock brake lines and fittings the micro-bore diameter also results in a firmer lever feel and quicker response, which result in shorter stopping distances, even when compared to other stainless steel braided brake lines.

Features and benefits include:

- *Stainless steel braided PTFE lined hose with black or clear outer cover*
- *Stainless steel fittings*
- *Self-assembly*



5092-02-03C

Part No.	Description	Mat
5092-02-03C	<i>Straight banjo for use with 3/8 or M10 bolt</i>	C



5093-02-03C

Part No.	Description	Mat
5093-02-03C	<i>20° banjo for use with 3/8 or M10 bolt</i>	C



5094-02-03C

Part No.	Description	Mat
5094-02-03C	<i>45° banjo for use with 3/8 or M10 bolt</i>	C



5099-02-03C

Part No.	Description	Mat
5099-02-03C	<i>90° banjo for use with 3/8 or M10 bolt</i>	C



1205-02B

Part No.	Description	Mat
1205-02B	<i>Olive -02 - brass</i>	B



1206-02C

Part No.	Description	Mat
1206-02C	<i>Socket -02 - Stainless steel</i>	C

Material Key:

C: Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

Hide-a-line brake line hose and fittings



6001-02-03C

Part No.	Description	Mat
6001-02-03C	Straight female AN3 for use with banjo adaptors	C



5130-03C

Part No.	Description	Mat
5130-03C	T-piece with locating tab for use with AN3 female fittings, 7.2mm bolt hole	C



592-03C

Part No.	Description	Mat
592-03C	Straight banjo adaptor for use with 3/8 or M10 bolt	C



592-03-04C

Part No.	Description	Mat
592-03-04C	Straight banjo adaptor for use with 7/16 bolt	C



592-03-M12C

Part No.	Description	Mat
592-03-M12C	Straight banjo adaptor for use with M12 bolt	C



593-03C

Part No.	Description	Mat
593-03C	35° banjo adaptor for use with 3/8 or M10 bolt	C



593-03-04C

Part No.	Description	Mat
593-03-04C	35° banjo adaptor for use with 7/16 bolt	C



593-03-M12C

Part No.	Description	Mat
593-03-M12C	35° banjo adaptor for use with M12 bolt	C

Hide-a-line brake line hose and fittings



599-03C

Part No.	Description	Mat
599-03C	90° banjo adaptor for use with 3/8 or M10 bolt	C



599-03-04C

Part No.	Description	Mat
599-03-04C	90° banjo adaptor for use with 7/16 bolt	C



599-03-M12C

Part No.	Description	Mat
599-03-M12C	90° banjo adaptor for use with M12 bolt	C

600-02CL



600-02BK



600-02



Part No.	Description	Part No.	Description	Part No.	Description
600-02CL	Hose -02 - Stainless steel with clear coating	600-02BK	Hose -02 - Stainless steel with black coating	600-02	Hose -02 - Stainless steel uncovered



Make your own brake lines

The original range of Make-your-own hose and fittings for stock or custom applications that can be built anywhere giving you full control over your specific builds and needs.

Features and benefits include:

- *Stainless steel braided PTFE lined hose with black or clear outer cover*
- *Stainless steel fittings*
- *Self-assembly*

451-31C



Part No.	Description	Mat
451-31C	<i>Straight female fitting M10 with concave seat</i>	C

452-31C



Part No.	Description	Mat
452-31C	<i>Straight female fitting M10 with convex seat</i>	C

5070-03C



Part No.	Description	Mat
5070-03C	<i>70° banjo for use with 3/8 or M10 bolt</i>	C

5091-03C



Part No.	Description	Mat
5091-03C	<i>Straight short banjo for use with 3/8 or M10 long bolt</i>	C

1205-03B



Part No.	Description	Mat
1205-03B	<i>Olive -03 - Brass</i>	B

1206-03C



Part No.	Description	Mat
1206-03C	<i>Socket -03 - Stainless steel</i>	C

Material Key:**C:** Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

Make your own brake lines

5091-03-04C

Part No.	Description	Mat
5091-03-04C	Straight short banjo for use with 7/16 bolt	C

5092-03C

Part No.	Description	Mat
5092-03C	Straight banjo for use with 3/8 or M10 bolt	C

5092-03-04C

Part No.	Description	Mat
5092-03-04C	Straight banjo for use with 7/16 bolt	C

5092-03-M12C

Part No.	Description	Mat
5092-03-M12C	Straight banjo for use with M12 bolt	C

5093-03C

Part No.	Description	Mat
5093-03C	20° banjo for use with 3/8 or M10 bolt	C

5093-03-04C

Part No.	Description	Mat
5093-03-04C	20° banjo for use with 7/16 bolt	C

5093-03-M12C

Part No.	Description	Mat
5093-03-M12C	20° banjo for use with M12 bolt	C

5094-03C

Part No.	Description	Mat
5094-03C	45° banjo for use with 3/8 or M10 bolt	C

Make your own brake lines

**5095-03C**

Part No.	Description	Mat
5095-03C	Straight double banjo for use with 3/8 or M10 long bolt	C

**5096-03C**

Part No.	Description	Mat
5096-03C	90° double banjo for use with 3/8 or M10 long bolt	C

**5097-03C**

Part No.	Description	Mat
5097-03C	20° side banjo for use with 3/8 or M10 bolt	C

**5098-03C**

Part No.	Description	Mat
5098-03C	90° double banjo for use with 3/8 or M10 bolt	C

**5099-03C**

Part No.	Description	Mat
5099-03C	90° banjo for use with 3/8 or M10 bolt	C

**5099-03-04C**

Part No.	Description	Mat
5099-03-04C	90° banjo for use with 7/16 bolt	C

**5099S-03C**

Part No.	Description	Mat
5099S-03C	90° side banjo for use with 3/8 or M10 bolt	C

**5130-03C**

Part No.	Description	Mat
5130-03C	T-piece with locating tab for use with AN3 female fittings, 9/32" / 7.2mm bolt hole	C

Material Key:**C:** Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

Make your own brake lines

5132-03C

Part No.	Description	Mat
5132-03C	T-piece for use with AN3 female fittings, 9/32" / 7.2mm bolt hole	C

5135-03C

Part No.	Description	Mat
5135-03C	T-piece	C

5136-03C

Part No.	Description	Mat
5136-03C	T-piece with locating tab, 9/32" / 7.2mm bolt hole	C

6001-03C

Part No.	Description	Mat
6001-03C	Straight female for use with AN3 fittings	C

6045-03C

Part No.	Description	Mat
6045-03C	45° forged female for use with AN3 fittings	C

6046-03C

Part No.	Description	Mat
6046-03C	45° swept female for use with AN3 fittings	C

6090-03C

Part No.	Description	Mat
6090-03C	90° forged female for use with AN3 fittings	C

6091-03C

Part No.	Description	Mat
6091-03C	90° swept female for use with AN3 fittings	C

Make your own brake lines



6645-03C

Part No.	Description	Mat
6645-03C	45° forged swivel female for use with AN3 fittings	C



6690-03C

Part No.	Description	Mat
6690-03C	90° forged swivel female for use with AN3 fittings	C

600-03ACL



600-03ABK



600-03



Part No.	Description	Part No.	Description	Part No.	Description
600-03ACL	Hose -03 - Stainless steel with clear coating	600-03ABK	Hose -03 - Stainless steel with black coating	600-03	Hose -03 - Stainless steel uncovered



V-Twin specific parts

The Goodridge range of V-Twin specific brake parts has been continually developed over the years to offer a solution for virtually any application needed.

Our extensive range of HD parts has now been updated to include ABS specific parts for use with any of our brake line hose and fitting product ranges.

Fittings with AN3 thread are designed for use with our **Universal Buildalene, Make your own and Hide-a-line** hoses.



602-03-04C

Part No.	Description	Mat
602-03-04C	Clutch adaptor 7/16 to AN3 for Harley Davidson V-Twins 01-12	C



622-03-04C

Part No.	Description	Mat
622-03-04C	Clutch adaptor 7/16 to AN3 for Harley Davidson V-Rod 02-17, Pre 2013 CVO	C



628-03C

Part No.	Description	Mat
628-03C	Clutch adaptor 3/8 to AN3 for Harley Davidson V-Twins 13-16	C



629-03C

Part No.	Description	Mat
629-03C	Clutch adaptor M10 to AN 3 for Harley Davidson V-Twins 17-20	C



646-03C

Part No.	Description	Mat
646-03C	45° brake adaptor 3/8 to AN3	C



646-03ZBK

Part No.	Description	Mat
646-03ZBK	45° brake adaptor 3/8 to AN3	ZBK

Material Key:**C:** Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

V-Twin specific parts

**660-03C**

Part No.	Description	Mat
660-03C	60° brake adaptor 3/8 to AN3	C

**660-03ZBK**

Part No.	Description	Mat
660-03ZBK	60° brake adaptor 3/8 to AN3	ZBK

**666-03C**

Part No.	Description	Mat
666-03C	S-bend brake adaptor 3/8 to AN3	C

**666-03ZBK**

Part No.	Description	Mat
666-03ZBK	S-bend brake adaptor 3/8 to AN3	ZBK

**690-03C**

Part No.	Description	Mat
690-03C	90° brake adaptor 3/8 to AN3	C

**690-03ZBK**

Part No.	Description	Mat
690-03ZBK	90° brake adaptor 3/8 to AN3	ZBK

**691-03C**

Part No.	Description	Mat
691-03C	90° long brake adaptor 3/8 to AN3	C

**691-03ZBK**

Part No.	Description	Mat
691-03ZBK	90° long brake adaptor 3/8 to AN3	ZBK

V-Twin specific parts



6150-03C

Part No.	Description	Mat
6150-03C	150° brake adaptor 3/8 to AN3	C



6150-03ZBK

Part No.	Description	Mat
6150-03ZBK	150° brake adaptor 3/8 to AN3	ZBK



MCHD-001C

Part No.	Description	Mat
MCHD-001C	Front brake T-bar for use with 3/8 bolts, 5/16" / 8mm bolt hole	C



MCHD-001ZBK

Part No.	Description	Mat
MCHD-001ZBK	Front brake T-bar for use with 3/8 bolts, 5/16" / 8mm bolt hole	ZBK



MCHD-005C

Part No.	Description	Mat
MCHD-005C	45° banjo adaptor for use with MCHD-007, 011, 015, 016, 018, 3/8" / 10mm hole	C



MCHD-007C

Part No.	Description	Mat
MCHD-007C	Universal rear brake switch holder with bracket AN3, 5/16" / 8mm hole	C



MCHD-011C

Part No.	Description	Mat
MCHD-011C	Universal rear brake switch holder AN3	C



MCHD-011ZBK

Part No.	Description	Mat
MCHD-011ZBK	Universal rear brake switch holder AN3	ZBK

Material Key:

C: Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

V-Twin specific parts

MCHD-015C



Part No.	Description	Mat
MCHD-015C	Universal rear brake switch holder with bracket AN3, 5/16 / 8mm bolt hole	C

MCHD-015ZBK



Part No.	Description	Mat
MCHD-015ZBK	Universal rear brake switch holder with bracket AN3, 5/16 / 8mm bolt hole	ZBK

MCHD-016C



Part No.	Description	Mat
MCHD-016C	Universal rear brake switch holder with bracket AN3, 5/16 / 8mm bolt hole	C

MCHD-016ZBK



Part No.	Description	Mat
MCHD-016ZBK	Universal rear brake switch holder with bracket AN3, 5/16 / 8mm bolt hole	ZBK

MCHD-018C



Part No.	Description	Mat
MCHD-018C	Universal rear brake switch holder with bracket AN3, 5/16 / 8mm bolt hole	C

MCHD-020ZBK



Part No.	Description	Mat
MCHD-020ZBK	Rear brake switch holder for Softail models 00-06 AN3	ZBK

MCHD-022C



Part No.	Description	Mat
MCHD-022C	Universal front T-piece, for use with: 646-03, 660-03, 666-03, 690-03, 691-03, 6150-03, 9/32" / 7mm bolt hole	C

MCHD-021ZBK



Part No.	Description	Mat
MCHD-021ZBK	Rear brake switch holder for Softail models 07-11 AN3	ZBK

V-Twin specific parts

MCHD-024C



Part No.	Description	Mat
MCHD-024C	Universal front T-piece for use with: 646-03, 660-03, 666-03, 690-03, 691-03, 6150-03, 5/16" / 8mm bolt hole	C

MCHD-024ZBK



Part No.	Description	Mat
MCHD-024ZBK	Universal front T-piece for use with: 646-03, 660-03, 666-03, 690-03, 691-03, 6150-03 5/16" / 8mm bolt hole	ZBK

MCHD-027C



Part No.	Description	Mat
MCHD-027C	Front ABS banjo adaptor for FLH/FLT models 14-23 AN3	C

MCHD-023ZBK



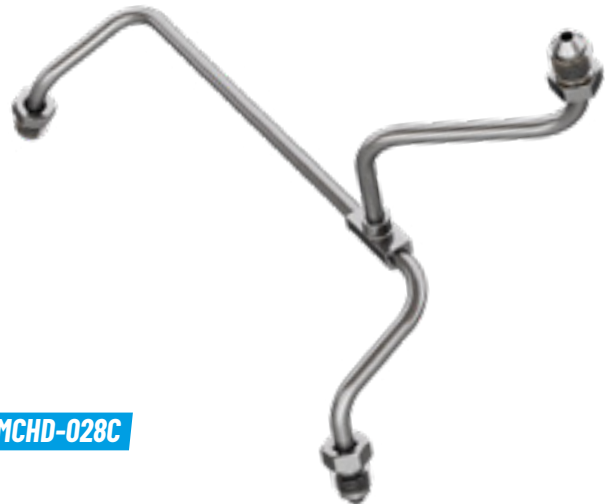
Part No.	Description	Mat
MCHD-023ZBK	Front ABS manifold for Dyna models 12-17 (single disc) AN3	ZBK

MCHD-026ZBK



Part No.	Description	Mat
MCHD-026ZBK	Front ABS manifold for XL models 14-17 (single disc) AN3	ZBK

MCHD-028C



Part No.	Description	Mat
MCHD-028C	Front manifold for FLH/FLT models 14-23 without ABS AN3	C

Material Key:**C:** Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

V-Twin specific parts

**MCHD-029C**

Part No.	Description	Mat
MCHD-029C	Front ABS manifold for Softail models 11-17 AN3	C

**MCHD-030C**

Part No.	Description	Mat
MCHD-030C	Front ABS banjo adaptor for Softail models 11-17 AN3	C

**MCHD-030ZBK**

Part No.	Description	Mat
MCHD-030ZBK	Front ABS banjo adaptor for Softail models 11-17 AN3	ZBK

**MCHD-031ZBK**

Part No.	Description	Mat
MCHD-031ZBK	Front ABS manifold for Dyna models 12-17 (dual disc) for use with M10 x 1.0 banjo bolts	ZBK

**MCHD-032C**

Part No.	Description	Mat
MCHD-032C	Front ABS adaptor for Softail models 18-on, M10 x 1.0 to AN3	C

**MCHD-032ZBK**

Part No.	Description	Mat
MCHD-032ZBK	Front ABS adaptor for Softail models 18-on, M10 x 1.0 to AN3	ZBK

V-Twin specific parts

**MCHD-037C**

Part No.	Description	Mat
MCHD-037C	Front ABS adaptor for FLH/FLT models 14-23 (ABS out to LH caliper) AN3	C

**MCHD-038C**

Part No.	Description	Mat
MCHD-038C	Front ABS adaptor for FLH/FLT models 14-23 (ABS out to RH caliper) AN3	C

**MCHD-039ZBK**

Part No.	Description	Mat
MCHD-039ZBK	Front ABS manifold for FX/XL models 14-23(dual disc) AN3	ZBK

**MCHD-040ZBK**

Part No.	Description	Mat
MCHD-040ZBK	Front ABS manifold for FL/FX models 18-23(single disc) AN3	ZBK

**MCHD-041ZBK**

Part No.	Description	Mat
MCHD-041ZBK	Front ABS banjo adaptor for CVO Softtail models 14- on, AN3	ZBK

**MCHD-042C**

Part No.	Description	Mat
MCHD-042C	Front ABS hardline for FLH/FLT models 14-23(RHF) AN3	C

Material Key:**C:** Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

V-Twin specific parts

**MCHD-043C**

Part No.	Description	Mat
MCHD-043C	Front ABS hardline for FLH/FLT models 14-23 (LHF) AN3	C

**PFTBARC**

Part No.	Description	Mat
PFTBARC	Universal ABS front T-bar for use with 3/8 banjo bolts, 11/32" / 8mm bolt hole	C

**PFTEENC**

Part No.	Description	Mat
PFTEENC	Universal front T (narrow) AN3, 9/32" / 7.2mm & 11/32" / 8mm bolt hole	C

**PFTEEWC**

Part No.	Description	Mat
PFTEEWC	Universal front T (wide) AN3, 9/32" / 7.2mm & 11/32" / 8mm bolt hole	C

Adaptors, Bolts, Washers and Sundries

Whether you are replacing your stock lines or building your newest custom project, our extensive range of adaptors, banjo bolts, bleed nipples and extras will provide everything you need to get the job done.

Brake Light Switch Bolts

Goodridge BL Bolts are banjo bolts with a built in pressure switch and are wired to adapt to virtually any model that utilizes a hydraulic stop light system. They are perfect for eliminating brake tees in rear HD brake line applications if desired.

Speed Bleeders

Speed bleeders, the patented bleeder screw with the built in check valve. To bleed brakes, simply loosen each bleeder 1/4 turn and pump the lever. When the job is completed re-tighten the bleeder and it becomes a permanent part of your brake system.

Adaptors

10716-03C



Part No.	Description	Mat
10716-03C	Straight male adaptor AN3 to 7/16x24 inverted	C

305-03-31C



Part No.	Description	Mat
305-03-31C	Straight male adaptor AN3 to M10x1.00 convex	C

305-03-32C



Part No.	Description	Mat
305-03-32C	Straight male adaptor AN3 to M10x1.25 convex	C

306-03-31C



Part No.	Description	Mat
306-03-31C	Straight male adaptor AN3 to M10x1.00 concave	C

306-03-32C



Part No.	Description	Mat
306-03-32C	Straight male adaptor AN3 to M10x1.25 concave	C

815-03C



Part No.	Description	Mat
815-03C	Straight male adaptor AN3 equal	C

Material Key:**C:** Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

Adaptors, Bolts, Washers and Sundries

815-03VC

Part No.	Description	Mat
815-03VC	Straight male adaptor AN3 to AN3 inverted	C

816-03C

Part No.	Description	Mat
816-03C	Straight male adaptor AN3 to 1/8 NPT	C

822-03P3

Part No.	Description	Mat
822-03P3	90° male adaptor AN3 to 1/8 NPT	P

823-03P3

Part No.	Description	Mat
823-03P3	45° male adaptor AN3 to 1/8 NPT	P

824-03P3

Part No.	Description	Mat
824-03P3	T male adaptor AN3 equal	P

AN821-03C

Part No.	Description	Mat
AN821-03C	90° male adaptor AN3 equal	C

CPL-03C

Part No.	Description	Mat
CPL-03C	Straight female adaptor AN3 equal	C

Adaptors, Bolts, Washers and Sundries

Banjo Bolts

773-03C



773-03ZBK



Part No.	Description	Mat
773-03C	Double banjo bolt 3/8x24	C
773-03ZBK	Double banjo bolt 3/8x24	ZBK

775-03C



775-03ZBK



Part No.	Description	Mat
775-03C	Single banjo bolt 3/8x24	C
775-03ZBK	Single banjo bolt 3/8x24	ZBK

775-03LC



Part No.	Description	Mat
775-03LC	Single banjo bolt long 3/8x24	C

775-44C



775-44ZBK



Part No.	Description	Mat
775-44C	Single banjo bolt 7/16x24	C
775-44ZBK	Single banjo bolt 7/16x24	ZBK

992-03-31SC



992-03-31SZBK



Part No.	Description	Mat
992-03-31SC	Single banjo bolt M10x1.00	C
992-03-31SZBK	Single banjo bolt M10x1.00	ZBK

992-03-32C



992-03-32ZBK



Part No.	Description	Mat
992-03-32C	Single banjo bolt M10x1.25	C
992-03-32ZBK	Single banjo bolt M10x1.25	ZBK

Material Key:

C: Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

Adaptors, Bolts, Washers and Sundries

Banjo Bolts



992-04-M12C



992-04-M12ZBK

Part No.	Description	Mat
992-04-M12C	Single banjo bolt M12x1.5	C
992-04-M12ZBK	Single banjo bolt M12x1.5	ZBK



993-03-32C



993-03-32ZBK

Part No.	Description	Mat
993-03-32C	Double banjo bolt M10x1.25	C
993-03-32ZBK	Double banjo bolt M10x1.25	ZBK



993-03-31C

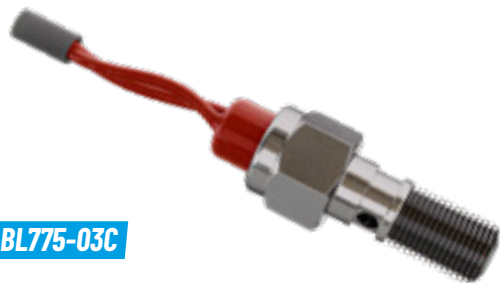
Part No.	Description	Mat
993-03-31C	Double banjo bolt M10x1.00	C



993-03-31SC

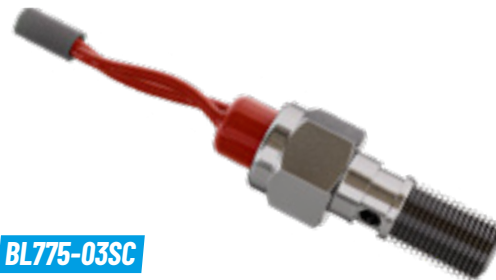
Part No.	Description	Mat
993-03-31SC	Double banjo bolt M10x1.00	C

Banjo Bolts - with Brake light switch



BL775-03C

Part No.	Description	Mat
BL775-03C	Single brake light switch bolt 3/8x24 (24mm under hex)	C

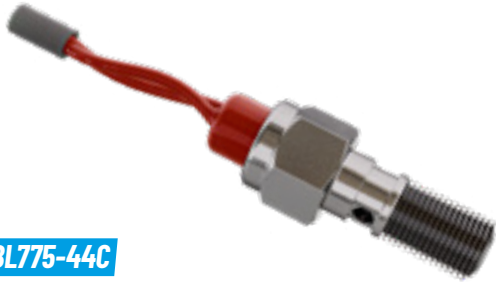


BL775-03SC

Part No.	Description	Mat
BL775-03SC	Single brake light switch bolt 3/8x24 (18mm under hex)	C

Adaptors, Bolts, Washers and Sundries

Banjo Bolts - with Brake light switch



BL775-44C

Part No.	Description	Mat
BL775-44C	Single brake light switch bolt 7/16x24 (24mm under hex)	C



BL816-P

Part No.	Description	Mat
BL816-P	Single brake light switch bolt 1/8 NPT (replaces HD 72023-51D/E)	C



BL992-31C

Part No.	Description	Mat
BL992-31C	Single brake light switch bolt M10x1.00 (20mm under hex)	C



BL992-31SC

Part No.	Description	Mat
BL992-31SC	Single brake light switch bolt M10x1.00 (18mm under hex)	C



BL992-32C

Part No.	Description	Mat
BL992-32C	Single brake light switch bolt M10x1.25 (20mm under hex)	C



BL993-31C

Part No.	Description	Mat
BL993-31C	Double brake light switch bolt M10x1.00 (30mm under hex)	C

Material Key:**C:** Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

Adaptors, Bolts, Washers and Sundries

Banjo Bolts - with Brake light switch

**BL993-31SC**

Part No.	Description	Mat
BL993-31SC	Double brake light switch bolt M10x1.00 (28mm under hex)	C

**BL993-32C**

Part No.	Description	Mat
BL993-32C	Double brake light switch bolt M10x1.25 (30mm under hex)	C

Banjo Bolts - with Bleed nipple

**773-03BNC**

Part No.	Description	Mat
773-03BNC	Double banjo bleed bolt 3/8x24	C

**775-03BNC**

Part No.	Description	Mat
775-03BNC	Single banjo bleed bolt 3/8x24	C

**992-31BNC**

Part No.	Description	Mat
992-31BNC	Single banjo bleed bolt M10x1.00 (20mm under hex)	C

**992-31BNSC**

Part No.	Description	Mat
992-31BNSC	Single banjo bleed bolt M10x1.00 (18mm under hex)	C

Adaptors, Bolts, Washers and Sundries

Banjo Bolts - with Bleed nipple



992-32BNC

Part No.	Description	Mat
992-32BNC	Single banjo bleed bolt M10x1.25 (20mm under hex)	C



993-31BNC

Part No.	Description	Mat
993-31BNC	double banjo bleed bolt M10x1.00 (30mm under hex)	C



993-31BNSC

Part No.	Description	Mat
993-31BNSC	double banjo bleed bolt M10x1.00 (28mm under hex)	C



993-32BNC

Part No.	Description	Mat
993-32BNC	double banjo bleed bolt M10x1.00 (30mm under hex)	C



BN506C

Part No.	Description	Mat
BN506C	Bleed nipple 3/8x24 (33mm)*	C



BN507C

Part No.	Description	Mat
BN507C	Bleed nipple M7x1.00 (26mm)*	C



BN508C

Part No.	Description	Mat
BN508C	Bleed nipple M8x1.25 (26mm)*	C



BN510C

Part No.	Description	Mat
BN510C	Bleed nipple M10x1.00 (27mm)*	C

* Overall length

Material Key:

C: Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

Adaptors, Bolts, Washers and Sundries

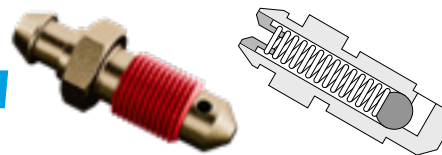
Bleed nipple/Speed Bleeders

BN704C



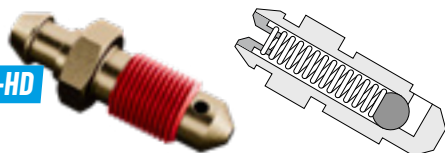
Part No.	Description	Mat
BN704C	Bleed nipple 1/4x28 (23mm)*	C

BN506PSB



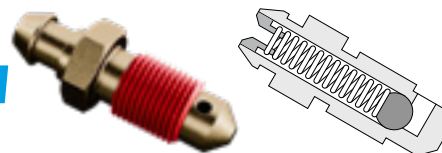
Part No.	Description	Mat
BN506PSB	Speed Bleeder 3/8x24 (33mm)*	P

BN506PSB-HD



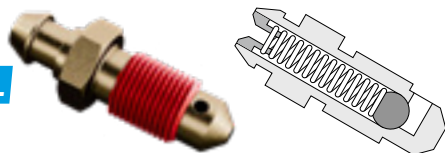
Part No.	Description	Mat
BN506PSB-HD	Speed Bleeder 3/8x24 Harley (34mm)*	P

BN507PSB



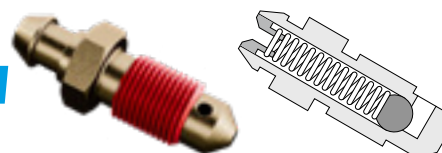
Part No.	Description	Mat
BN507PSB	Speed Bleeder M7x1.00 (30mm)*	P

BN507PSBL



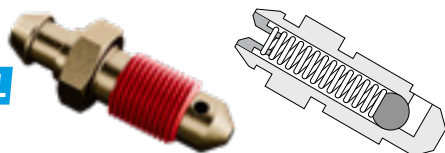
Part No.	Description	Mat
BN507PSBL	Speed Bleeder M7x1.00 (35mm)*	P

BN508PSB



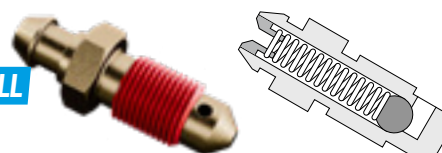
Part No.	Description	Mat
BN508PSB	Speed Bleeder M8x1.25 (28mm)*	P

BN508PSBL



Part No.	Description	Mat
BN508PSBL	Speed Bleeder M8x1.25 (33mm)*	P

BN508PSBLL



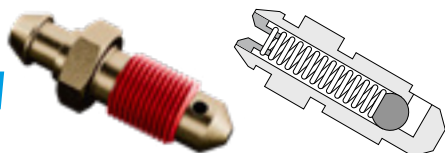
Part No.	Description	Mat
BN508PSBLL	Speed Bleeder M8x1.25 (38mm)*	P

* Overall length

Adaptors, Bolts, Washers and Sundries

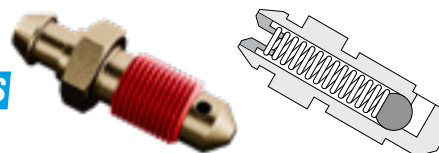
Bleed nipple/Speed Bleeders

BN510PSB



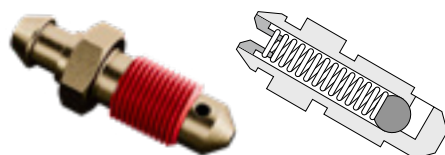
Part No.	Description	Mat
BN510PSB	Speed Bleeder M10x1.00 (34mm)*	P

BN510PSBS



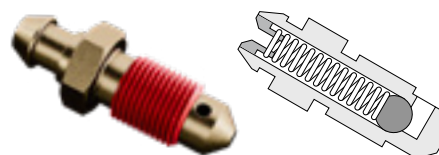
Part No.	Description	Mat
BN510PSBS	Speed Bleeder M10x1.00 (32mm)*	P

BN512PSB



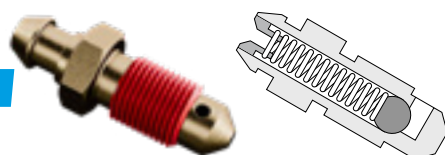
Part No.	Description	Mat
BN512PSB	Speed Bleeder M10x1.25 (32mm)*	P

BN561PSB



Part No.	Description	Mat
BN561PSB	Speed Bleeder M6x1.00 (29mm)*	P

BN704PSB



Part No.	Description	Mat
BN704PSB	Speed Bleeder 1/4x28 (25mm)*	P

BN-CAP



Part No.	Description	Mat
BN-CAP	Bleed nipple cap	-

* Overall length

Material Key:**C:** Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

Adaptors, Bolts, Washers and Sundries

Washers

44515

Part No.	Description	Mat
44515	Crush washer 3/8 + M10 - Aluminium	D

44516

Part No.	Description	Mat
44516	Crush washer 3/8 + M10 - Copper (1mm thick)	Copper

44517

Part No.	Description	Mat
44517	Crush washer M10 - Copper (2mm thick)	Copper

44518

Part No.	Description	Mat
44518	Crush washer 7/16 - Copper	Copper

44518HD

Part No.	Description	Mat
44518HD	Crush washer 7/16 - Harley	Copper

44519

Part No.	Description	Mat
44519	Crush washer M12 - Copper	Copper

SS902-07

Part No.	Description	Mat
SS902-07	Stat-O-Seal washer 7/16	-

SS902-06

Part No.	Description	Mat
SS902-06	Stat-O-Seal washer 3/8 + M10	-

CW901-04

Part No.	Description	Mat
CW901-04	Crush washer 7/16 - Aluminium	D
CW901-M12	Crush washer M12 - Aluminium	D

Adaptors, Bolts, Washers and Sundries

Sundries



FRP-2BK

Part No.	Description	Mat
FRP-2BK	Flexible spiral binding 1/4"	-



GM100

Part No.	Description	Mat
GM100	Hose assembly mandrel for use with 600-03 hose (Make your own)	-



GM102

Part No.	Description	Mat
GM102	Hose assembly mandrel for use with 600-02 hose (Hide-a-line)	-



GR1

Part No.	Description	Mat
GR1	Rubber grommet 12mm for 600-03 uncovered hose	-



GR2

Part No.	Description	Mat
GR2	Rubber grommet 24mm for 600-03 covered and uncovered hose	-



GR3

Part No.	Description	Mat
GR3	Rubber grommet 12mm for 600-03 covered hose	-



HP-03BK

Part No.	Description
HP-03BK	Reinforced plastic tube for 600-03 covered or uncovered hose

Material Key:

C: Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

Adaptors, Bolts, Washers and Sundries

Brake Fluid



BF20250

Part No.	Description
BF20250	<i>Brake fluid DOT4 250ml</i>



BF20500

Part No.	Description
BF20500	<i>Brake fluid DOT4 500ml</i>



BF30500

Part No.	Description
BF30500	<i>Brake fluid DOT4 Racing 500ml</i>



EFI Fuel Lines, QD Crossover Lines and Quick Disconnect Couplings

EFI Fuel lines



Goodridge EFI fuel lines are both durable and aesthetically striking featuring a choice of clear or black PVC coated braided hose, with a Teflon inner liner and tough chrome plated steel valves and hardware. Our EFI lines ship complete ready to snap on. **See application guide for full model details.**

EFI Fuel lines

Part No	Black Hose	Clear Hose	Description
HDFL-001EFI	/BK	/CL	HD EFI Fuel line kit - FL Baggers 02-06/FX Dyna 04-17 multi model
HDFL-002EFI	/BK	/CL	HD EFI Fuel line kit - FL Baggers 08-17 multi model
HDFL-004EFI	/BK	/CL	HD EFI Fuel line kit - XL Sportsters 07-22 multi model

Quick disconnect couplings

Our range of chrome plated brass quick disconnect couplings are built tough and made to last in the most demanding applications.

QD Features & benefits include:

- Durable chrome plated brass body with stainless steel springs and pin
- 316 stainless steel valve spring
- Stainless steel thumb latch for one hand connect and disconnect
- Viton o'ring rated to 250psi



Quick disconnect couplings

Part No	Description
LCD005V	Fuel line coupling to suit 5/16" ID hose (200-06/210-06)
MCD03V	Fuel line coupling to suit 3/16" ID hose (200-04/210-04)
MCD04V	Fuel line coupling to suit 1/4" ID hose (202-04)

Material Key:**C:** Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

EFI Fuel Lines, QD Crossover Lines and Quick Disconnect Couplings

QD fuel crossover lines

Our QD fuel crossover lines are produced from motorsport quality black textile or stainless braided hose, complete with durable die cast quick disconnect coupling for ease of tank installation and removal.

QD Crossover lines

Part No	Description
HDFL001	HD Crossover lines with stainless steel hose
HDFL002	HD Crossover lines with black hose
730804-2	Replacement O-Rings for HDFL001/HDFL002 (2 pack)



200, 202 & 210 fuel hose

200 series hose features a reinforced chlorinated Polyethylene (CPE) synthetic rubber liner, wrapped in a double stainless steel external braid for additional resistance to abrasion. 210 series hose features the same reinforced internals as our 200 series hose but with a light weight nylon external braid. 202 series hose is a single braided stainless steel hose, for use with our 936 hose finishers.

Fuel hose

Part No	Description
200-04	Fuel hose with stainless steel braid - 5mm I.D. /11mm O.D.
200-06	Fuel hose with stainless steel braid - 9mm I.D. /14mm O.D.
202-04	Fuel hose with stainless steel braid - 6mm I.D. /13mm O.D.
210-04	Fuel hose with black fibre braid - 5mm I.D. /11mm O.D.
210-06	Fuel hose with black fibre braid - 9mm I.D. /14mm O.D.



936 Hose finishers

Manufactured for use with our 200, 210 & 202 series hoses ranges designed for push fit applications. The internal gear drive clamp ensures a secure leak free connection; easily assembled using basic hand tools.



Hose finishers

Part No	Description
936-04DBK	Hose finisher for use with -04 hose (200-04, 202-04 & 210-04)
936-04DCH	Hose finisher for use with -04 hose (200-04, 202-04 & 210-04)
936-06DBK	Hose finisher for use with -06 hose (200-06, 210-06)
936-06DCH	Hose finisher for use with -06 hose (200-06, 210-06)

Universal oil lines for Harley Davidson

Oil lines

Our universal range of oil lines are produced with the same superior quality materials as our premium brake lines providing the same great features and benefits shown below.

Note: Hose lengths are determined by measuring the distance between the flares of the female swivel fittings.

Features and benefits include:

- Easy to install
- No pre-alignment required
- Stainless steel hose ends
- Stainless steel braided PTFE lined hose with black or clear outer cover
- Standard hose lengths from 6" to 26" (custom lengths available on request)

Universal Oil Lines

Part No	Part No	Description
<i>Stainless-Clear</i>	<i>Stainless-Black</i>	
VTOL-006C-CL	VTOL-006C-BK	Universal oil line assembly 6"
VTOL-007C-CL	VTOL-007C-BK	Universal oil line assembly 7"
VTOL-008C-CL	VTOL-008C-BK	Universal oil line assembly 8"
VTOL-009C-CL	VTOL-009C-BK	Universal oil line assembly 9"
VTOL-010C-CL	VTOL-010C-BK	Universal oil line assembly 10"
VTOL-011C-CL	VTOL-011C-BK	Universal oil line assembly 11"
VTOL-013C-CL	VTOL-013C-BK	Universal oil line assembly 13"
VTOL-014C-CL	VTOL-014C-BK	Universal oil line assembly 14"
VTOL-015C-CL	VTOL-015C-BK	Universal oil line assembly 15"
VTOL-017C-CL	VTOL-017C-BK	Universal oil line assembly 17"
VTOL-019C-CL	VTOL-019C-BK	Universal oil line assembly 19"
VTOL-020C-CL	VTOL-020C-BK	Universal oil line assembly 20"
VTOL-021C-CL	VTOL-021C-BK	Universal oil line assembly 21"
VTOL-024C-CL	VTOL-024C-BK	Universal oil line assembly 24"
VTOL-026C-CL	VTOL-026C-BK	Universal oil line assembly 26"



Material Key:**C:** Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

Fuel injection lines for Pre 2000 FLH/FLT Harley Davidson

Fuel injection lines

Goodridge EFI fuel injection lines are both durable and aesthetically striking featuring a choice of clear or black PVC coated braided hose, with a PTFE inner liner and tough chrome plated steel valves and hardware.

Our EFI lines ship complete ready to bolt on.

Fuel injection lines

Part No	Hose	Description
HDFL-005	Uncovered	HD EFI Fuel line kit - FLH / FLT 95-99 multi model
HDFL-005/BK	Black	HD EFI Fuel line kit - FLH / FLT 95-99 multi model
HDFL-005/CL	Clear	HD EFI Fuel line kit - FLH / FLT 95-99 multi model



Builder kits

The original **Make your own** custom brake line kit just got even better to keep up with today's modern builder needs. Goodridge offer the following **Make your own** custom builder kits to give you everything you need to cover traditional and modern motorcycles including AN3, metric and ABS applications. Supplied complete with banjo fittings, banjo bolts, black/clear covered hose and all the sundries you need to make your custom build just the way you want it.



HD make-your-own builder kit standard

Our **Standard Make Your Own builder kit** has been developed to offer the most popular fittings required to build hoses to suit single disc model motorcycles with UNF thread master cylinders and calipers.

Part no	Description	
ZZHD-MYO-001C	HD MAKE-YOUR-OWN BUILDER KIT STANDARD	
<i>Contents</i>		
1205-03B	Olive -03 - brass	12
44516	Crush washer 3/8 + M10 - Copper (1mm thick)	50
44518HD	Crush washer 7/16 - Harley	25
5092-03-04C	Straight banjo for use with 7/16 bolt	2
5092-03C	Straight banjo for use with 3/8 or M10 bolt	2
5093-03-04C	20° banjo for use with 7/16 bolt	4
5093-03C	20° banjo for use with 3/8 or M10 bolt	2
5070-03C	70° banjo for use with 3/8 or M10 bolt	2
5099-03-04C	90° banjo for use with 7/16 bolt	2
5099-03C	90° banjo for use with 3/8 or M10 bolt	4
600-03ABK	Hose -03 - Stainless steel with black coating	25FT
600-03ACL	Hose -03 - Stainless steel with clear coating	25FT
775-03C	Single banjo bolt 3/8x24	6
775-44C	Single banjo bolt 7/16x24	2
GM100	MANDREL 600-03	1
GP101	SOCKET PLATE -03	1

Material Key:**C:** Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

Builder kits

Hide-a-line builder kit

Featuring the most popular fittings from our **Hide-a-line** product range this is the kit you need if you want to install your brake lines through handlebars and/or frames, swinging arms, etc.

Part no	Description	
ZZHD-HAL-001C	HD HIDE-A-LINE BUILDER KIT STANDARD	
<i>Contents</i>		
1205-02B	Olive -02 - brass	12
44516	Crush washer 3/8 + M10 - Copper (1mm thick)	50
44518HD	Crush washer 7/16 - Harley	25
592-03-04C	Straight banjo adaptor for use with 7/16 bolt	2
592-03C	Straight banjo adaptor for use with 3/8 or M10 bolt	4
593-03-04C	35° banjo adaptor for use with 7/16 bolt	2
593-03C	35° banjo adaptor for use with 3/8 or M10 bolt	4
599-03-04C	90° banjo adaptor for use with 7/16 bolt	2
599-03C	90° banjo adaptor for use with 3/8 or M10 bolt	4
600-02BK	Hose -02 - Stainless steel with black coating	25FT
600-02CL	Hose -02 - Stainless steel with clear coating	25FT
6001-02-03C	Straight female AN3 for use with banjo adaptors	18
775-03C	Single banjo bolt 3/8x24	6
775-44C	Single banjo bolt 7/16x24	2
992-03-31SC	Single banjo bolt M10x1.00	4
992-03-32C	Single banjo bolt M10x1.25	2
GM102	MANDREL 600-2	1
GP101	SOCKET PLATE -03	1



Builder kits

HD make-your-own builder kit deluxe

Our **Deluxe Make your own builder kit** has been developed to offer the most popular fittings required to build hoses to suit single and dual disc model motorcycles with UNF thread master cylinders and calipers.

Part no	Description	
ZZHD-MYO-002C	HD MAKE-YOUR-OWN BUILDER KIT DELUXE	
<i>Contents</i>		
1205-03B	Olive -03 - brass	25
44516	Crush washer 3/8 + M10 - Copper (1mm thick)	50
44518HD	Crush washer 7/16 - Harley	25
5092-03-04C	Straight banjo for use with 7/16 bolt	2
5092-03C	Straight banjo for use with 3/8 or M10 bolt	4
5093-03-04C	20° banjo for use with 7/16 bolt	4
5093-03C	20° banjo for use with 3/8 or M10 bolt	4
5070-03C	70° banjo for use with 3/8 or M10 bolt	4
5099-03-04C	90° banjo for use with 7/16 bolt	2
5099-03C	90° banjo for use with 3/8 or M10 bolt	4
600-03ABK	Hose -03 - Stainless steel with black coating	25FT
600-03ACL	Hose -03 - Stainless steel with clear coating	25FT
775-03C	Single banjo bolt 3/8x24	10
775-44C	Single banjo bolt 7/16x24	4
GM100	MANDREL 600-03	1
GP101	SOCKET PLATE -03	1



Builder kits

HD make-your-own builder kit pro

Our professional **Make your own builder kit** has been developed to offer the most comprehensive range of fittings to suit single and dual disc applications along with rear brake and clutch fittings for a complete custom build front to back.

Part no	Description	
ZZHD-MYO-003C	HD MAKE-YOUR-OWN BUILDER KIT PRO	
<i>Contents</i>		
1205-03B	Olive -03 - brass	50
44516	Crush washer 3/8 + M10 - Copper (1mm thick)	100
44519	Crush washer M12 - Copper	25
44518HD	Crush washer 7/16 - Harley	50
5070-03C	70° banjo for use with 3/8 or M10 bolt	6
5092-03-04C	Straight banjo for use with 7/16 bolt	4
5092-03C	Straight banjo for use with 3/8 or M10 bolt	10
5092-03-M12C	Straight banjo for use with M12 bolt	2
5093-03-04C	20° banjo for use with 7/16 bolt	4
5093-03C	20° banjo for use with 3/8 or M10 bolt	10
5093-03-M12C	20° banjo for use with M12 bolt	2
5094-03C	45° banjo for use with 3/8 or M10 bolt	4
5099-03-04C	90° banjo for use with 7/16 bolt	4
5099-03C	90° banjo for use with 3/8 or M10 bolt	10
599-03-M12C	90° banjo adaptor for use with M12 bolt	2
600-03ABK	Hose -03 - Stainless steel with black coating	25FT
600-03ACL	Hose -03 - Stainless steel with clear coating	25FT
6001-03C	Straight female for use with AN3 fittings	8
602-03-04C	Clutch adaptor 7/16 for Harley Davidson big twins 01-12	1
622-03-04C	Clutch adaptor 7/16 for Harley Davidson V-Rod 02-17	1
628-03C	Clutch adaptor 3/8 for Harley Davidson big twins 13-16	1
629-03C	Clutch adaptor M10 for Harley Davidson big twins 17-20	1
775-03C	Single banjo bolt 3/8x24	10
775-44C	Single banjo bolt 7/16x24	4
815-03VC	Straight male adaptor AN3 to AN3 inverted	2
992-03-31SC	Single banjo bolt M10x1.00	8
992-04-M12C	Single banjo bolt M12x1.5	4

Builder kits

HD make-your-own builder kit pro cont.

Our professional **Make your own builder kit** has been developed to offer the most comprehensive range of fittings to suit single and dual disc applications along with rear brake and clutch fittings for a complete custom build front to back.

Part no	Description	
<i>Continued on next page</i>		
<i>Continued from previous page</i>		
GM100	MANDREL 600-03	1
GP101	SOCKET PLATE -03	1
MCHD-001C	Front brake T-bar for use with 3/8 bolts	2
MCHD-011C	Universal rear brake switch holder	1
MCHD-028C	Front manifold for FLH/FLT models 14-23 without ABS	1
PFTEENC	Universal front T (narrow)	1
PFTEEWC	Universal front T (wide)	1



Material Key:**C:** Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

Builder kits

HD make-your-own builder kit metric

Our **Metric Make your Own builder kit** has been developed to offer the most popular fittings required to build hoses to suit single and dual disc model motorcycles with M10 thread master cylinders and calipers.

Part no	Description	
MAKE YOUR OWN		
ZZHD-MYO-004C	HD MAKE-YOUR-OWN BUILDER KIT METRIC	
<i>Contents</i>		
1205-03B	Olive -03 - brass	25
44516	Crush washer 3/8 + M10 - Copper (1mm thick)	50
5092-03C	Straight banjo for use with 3/8 or M10 bolt	2
5093-03C	20° banjo for use with 3/8 or M10 bolt	6
5070-03C	70° banjo for use with 3/8 or M10 bolt	6
5099-03C	90° banjo for use with 3/8 or M10 bolt	4
600-03ABK	Hose -03 - Stainless steel with black coating	25FT
600-03ACL	Hose -03 - Stainless steel with clear coating	25FT
5130-03C	T-piece with locating tab for use with AN3 female fittings	1
992-03-31SC	Single banjo bolt M10x1.00	6
992-03-32C	Single banjo bolt M10x1.25	2
GM100	MANDREL 600-03	1
GP101	SOCKET PLATE -03	1



Builder kits

HD make-your-own builder kit ABS

Our **ABS Make your own builder kit** has been developed specifically for motorcycles with anti-lock brakes and includes our newest range of ABS adaptors to give you the flexibility to change upper lines only if desired, or lower lines only in some applications. Due to the extensive range of fittings supplied in this kit it also gives you the ability to make hoses to suit many models without ABS.

Part no	Description	
ZZHD-MYO-005C	HD MAKE-YOUR-OWN BUILDER KIT ABS	
<i>Contents</i>		
1205-03B	Olive -03 - brass	25
44516	Crush washer 3/8 + M10 - Copper (1mm thick)	50
44518HD	Crush washer 7/16 - Harley	25
5092-03C	Straight banjo for use with 3/8 or M10 bolt	2
5092-03-04C	Straight banjo for use with 7/16 bolt	2
5093-03C	20° banjo for use with 3/8 or M10 bolt	6
5093-03-04C	20° banjo for use with 7/16 bolt	2
5094-03C	45° banjo for use with 3/8 or M10 bolt	4
5070-03C	70° banjo for use with 3/8 or M10 bolt	4
5099-03C	90° banjo for use with 3/8 or M10 bolt	4
600-03ABK	Hose -03 - Stainless steel with black coating	25FT
600-03ACL	Hose -03 - Stainless steel with clear coating	25FT
6001-03C	Straight female for use with AN3 fittings	8
775-03C	Single banjo bolt 3/8x24	6
775-44C	Single banjo bolt 7/16x24	2
992-03-31SC	Single banjo bolt M10x1.00	4
992-03-32C	Single banjo bolt M10x1.25	4
GR3	Rubber grommet 12mm for 600-03 covered hose	10
MCHD-023ZBK	Front ABS manifold for Dyna models 12-17 (single disc)	1
MCHD-026ZBK	Front ABS manifold for XL models 14-17 (single disc)	1
MCHD-027C	Front ABS banjo adaptor for FLH/FLT models 14-23	1
MCHD-032C	Front ABS adaptor for Softail models 18-	1
MCHD-039ZBK	Front ABS manifold for FX/XL models 14-23 (dual disc)	1
MCHD-040ZBK	Front ABS manifold for FL/FX models 18-23 (single disc)	1
GM100	MANDREL 600-03	1
GP101	SOCKET PLATE -03	1



OEM Part number cross reference

HD Bleed nipple reference guide

Model		Year	Fr Cal Stainless	Fr Cal Speed Bleeder	Rr Cal Stainless	Rr Cal Speed Bleeder	Thread
ELW	<i>Livewire /Livewire One</i>	20-23	BN508C	BN508PSB	-	-	8mm x 1.25 pitch
FL	<i>All</i>	73-79	BN704C	BN704PSB	BN704C	BN704PSB	1/4x28
FLF	<i>All</i>	18-24	BN708C	BN708PSB	BN708C	BN708PSB	M8x1.25
FLT	<i>All</i>	18-24	BN508C	BN508PSB	BN508C	BN508PSB	1/4x28
FLH/FLT	<i>All</i>	80-07	BN506C	BN506PSB-HD	BN506C	BN506PSB-HD	3/8x24
FLH/FLT	<i>All</i>	08-24	BN508C	BN508PSB	BN508C	BN508PSB	M8x1.25
FLRT	<i>Freewheeler</i>	19-24	BN508C	BN508PSB	BN508C	BN508PSB	M8x1.25
FLS	<i>All</i>	14	BN506C	BN506PSB-HD	BN506C	BN506PSB-HD	3/8x24
FLS	<i>All</i>	15-24	BN508C	BN508PSB	BN508C	BN508PSB	M8x1.25
FLST	<i>All</i>	87-17	BN506C	BN506PSB	BN506C	BN506PSB	3/8x24
FLT	<i>All</i>	15-24	BN508C	BN508PSB	BN508C	BN508PSB	M8x1.25
FX	<i>All</i>	71-77	BN704C	BN704PSB	BN704C	BN704PSB	1/4x28
FX	<i>All</i>	78-05	BN506C	BN506PSB	BN506C	BN506PSB	3/8x24
FXB	<i>All</i>	18-24	BN508C	BN508PSB	BN508C	BN508PSB	M8x1.25
FXD	<i>All</i>	93-16	BN506C	BN506PSB-HD	BN506C	BN506PSB-HD	3/8x24
FXFB	<i>All</i>	18-24	BN508C	BN508PSB	BN508C	BN508PSB	M8x1.25
FXLR	<i>All</i>	18-24	BN508C	BN508PSB	BN508C	BN508PSB	M8x1.25
FXSB	<i>All</i>	14	BN506C	BN506PSB-HD	BN506C	BN506PSB-HD	3/8x24
FXSB	<i>All</i>	15-17	BN508C	BN508PSB	BN508C	BN508PSB	M8x1.25
FXST	<i>All</i>	87-16	BN506C	BN506PSB	BN506C	BN506PSB	3/8x24
FXST	<i>All</i>	21-24	BN508C	BN508PSB	BN508C	BN508PSB	M8x1.25
RH975/ RH975S	<i>Nightster/ Nightster Special</i>	22-24	BN508C	BN508PSB	BN508C	BN508PSB	M8x1.25
V-ROD	<i>All</i>	02-05	BN506C	BN506PSB-HD	BN506C	BN506PSB-HD	3/8x24
V-ROD	<i>All</i>	06-17	BN508C	BN508PSB	BN508C	BN508PSB	M8x1.25
XL	<i>All</i>	73-77	BN704C	BN704PSB	BN704C	BN704PSB	1/4x28
XL	<i>All</i>	78-03	BN506C	BN506PSB	BN506C	BN506PSB	3/8x24
XL	<i>All</i>	04-20	BN508C	BN508PSB	BN508C	BN508PSB	M8x1.25

Material Key:**C:** Stainless Steel, **D:** Alloy, **P:** Zinc Plated Carbon Steel, **ZBK:** Black Plated Carbon Steel

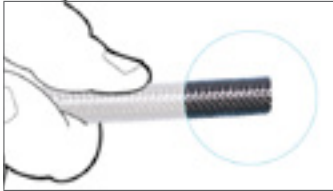
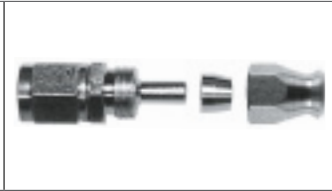

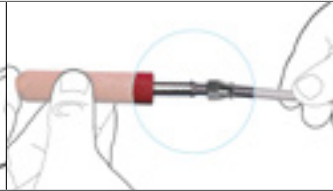




OEM Part number cross reference

HD Banjo bolt cross reference

HD OEM P/N	Description	Thread	Goodridge P/N
5001	ABS bolt out	3/8x24	775-03
5002	ABS bolt in	7/16x24	775-44
5469	Bleed bolt single (Uses M8x1.25 Nipple)	M10x1.00	992-31BNSC
11600001	10mm (ABS)	M10x1.25	992-03-32
11600009	12mm (ABS)	M12x1.50	992-04-M12
11600021	10mm (ABS) black	M10x1.25	992-03-32
11600023	Bolt double front caliper	M10x1.00	993-03-31S
41737-04A	Bolt single front master cylinder	M12x1.50	992-04-M12
41739-84A	Bolt single front master cylinder	7/16x24	775-44
41747-82A	Bolt single master cylinder and caliper	3/8x24	775-03
41750-06B	Bolt single master cylinder and caliper	M10x1.00	992-03-31S
41751-06A	Bolt single master cylinder and caliper	M10x1.00	992-03-31S
41783-08	Bleed bolt single (Uses M8x1.25 Nipple)	M10x1.00	992-31BNSC
42010-06B	Bolt single master cylinder and caliper	M10x1.00	992-03-31S

Assembly instructions

Build your own assembly instructions

			
<p>STEP 1</p> <p>Wrap hose with masking tape at cut-off point, using a fine tooth saw blade or cut-off wheel, cut the hose to the required length. Clean any loose debris from both the cut ends and inside the hose. If using covered hose remove 18mm-20mm of the outer cover, taking care not to cut into the braid, using a sharp blade or another stripping tool.</p>	<p>STEP 2</p> <p>Main fitting body - Olive - Socket. Place on a clean flat surface and disassemble the fitting, this consists of 3 parts, the Main fitting body, Olive and Socket.</p>	<p>STEP 3</p> <p>Push two sockets back to back over the overbraid working from the non flared end. If using covered hose, the sockets will need to be installed at each end as they will not fit over the outer cover.</p>	<p>STEP 4</p> <p>Using an appropriate sized Goodridge mandrel, flare out both ends of the stainless steel overbraid from the PTFE inner tube.</p>
			
<p>STEP 5</p> <p>Push an olive onto each end of the PTFE inner tube under the stainless steel over braid by hand and finish off by pushing against a flat solid surface making sure the PTFE tube is fully home in the olive.</p>	<p>STEP 6</p> <p>Holding the main fitting body in a smooth jaw vice, lubricate the thread and push the hose over the nipple end and start to thread the socket onto the fitting by hand. Note: Lubricate threads with Duck Oil before assembly. (or a similar commercial lubricant may be used).</p>	<p>STEP 7</p> <p>Finish tightening the socket onto the fitting, with a good quality spanner, leaving a 1mm gap for female, male and T fittings with a hex shoulder or one full visible thread for banjo fittings in case any final adjustment is required for installation.</p> <p>PRESSURE TEST</p>	<p>UNDER NO CIRCUMSTANCES SHOULD THE SOCKET BE LOOSENED IN AN ATTEMPT TO ADJUST THE ALIGNMENT AFTER ASSEMBLY</p>



EUROPE

EXETER

Dart Building, Grenadier Road,
Exeter Business Park,
Exeter, Devon, EX1 3QF,
United Kingdom
+44 (0) 1392 369090

RASTATT

Lochfeldstraße 30
76437 Rastatt
Germany
+49 (0) 7222 967 553-0

PARIS

Sarl Za Les Pres d'Andy,
77950 St Germain, Laxis,
France
+33 (1) 64 38 44 44

VALENCIA

Calle Corretger
Parque Empresarial Tactica
46980 - Paterna, Valencia,
Espana
+34 (96) 252 4593

PIJNACKER

Delftsestraatweg 26i,
2641 NB Pijnacker,
Netherlands
+31 (15) 256 5232

GIEFFE RACING

Via San Giuliano
39/a, 15122
Castelceriolo AL
Italy
+39 0131 216505

NORTH AMERICA

MOORESVILLE

105 Oak Park Drive, Suite D,
 Mooresville, NC 28115,
 USA
+1 (704) 662 9095

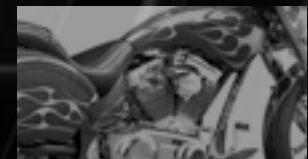
TIJUANA

Via Rapida Poniente,
16755 Col. Ninos Heroes Este,
Tijuana, B.C. 22120, Mexico
+52 (664) 660 8825

ASIA PACIFIC

TOKYO

558-3, Matsudo Shinden,
Matsudo, Chiba, 270-2241,
Japan
+81 (0) 47-710-7911



Goodridge brake lines conform to all federal requirements of FMVSS106, making them DOT Compliant.



www.goodridge.com