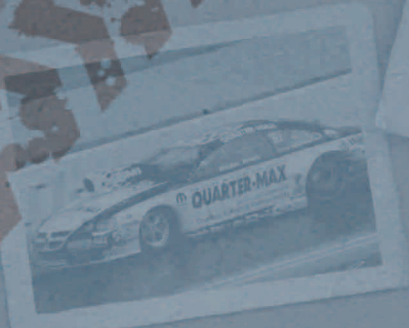




01

G-Line Hose and Fittings



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SECTION: 01 G-Line Hose and Fittings

Material Key
B: Brass, **C:** Stainless Steel, **CH:** Chrome Plated, **D:** Aluminum,
EN: Electroless Nickel, **P:** Zinc Plated Carbon Steel, **T:** Titanium
GOODRIDGE
 FLUID TRANSFER SYSTEMS

G-Line XF



At the cutting edge of motorsport, a fraction of a second is the difference between winning and just taking part. **You need the best.** At Goodridge we have combined our 40 years of motorsport experience with a continuous research and development program, to bring you the ultimate PTFE hose... one product that incorporates all the advantages of both convoluted and smooth bore designs.

Advantages
 G-Line XF has outstanding resistance to pressure, much higher than that of conventional convoluted PTFE lined hose. In addition, G-Line XF hose flow rates are always significantly higher than convoluted PTFE hose and may allow you to reduce the bore size providing subsequent weight and cost savings. All sizes of G-Line XF are usable at full vacuum up to 130°C. Above this, the vacuum resistance should be reduced 1% for every degree above 130°C. Stainless Steel braided hose is used in applications involving higher temperatures. High tensile grade 304 stainless steel wire is used, to give maximum pressure resistance and external protection to the hose.

CONVENTIONAL convoluted PTFE liner

SMOOTH BORE PTFE liner

Hose 910

Application:
 Fuel, Oil, Water, Methanol, Air
 Temperature range:
 -45°C to +170°C
 -49°F to +338°F
Material: Anti-Static
 PTFE smoothbore, Aramid fibre Braid

PART NO	BORE SIZE		BRAID OD		WORKING PRES		BURST PRES		WEIGHT		MIN BEND RAD	
	MM	IN	MM	IN	BAR	PSI	BAR	PSI	KG/M	LB/FT	MM	IN
910-04	6.85	.270	10.3	.406	90	1320	360	5290	0.055	0.367	23.5	.925
910-06	9.53	.375	13.0	.512	80	1180	320	4700	0.088	0.591	20	.787
910-08	12.70	.500	16.5	.650	70	1030	280	4120	0.141	0.947	38	1.428
910-10	15.88	.625	20.8	.819	65	955	260	3820	0.201	1.351	45	1.772
910-12	19.05	.750	24.4	.961	60	880	240	3530	0.292	1.962	50	1.989
910-16	25.40	1.000	32.3	1.272	50	740	200	2940	0.416	3.199	70	2.756
910-20	32.00	1.260	38.4	1.512	45	666	180	2645	0.650	6.536	100	3.937

G-Line Hose Fully Convoluted - Hose 710

Application:
 Fuel, Oil, Water, Methanol, Air
 Temperature range:
 -45°C to +170°C
 -49°F to +338°F
Material: Anti-Static
 Convoluted PTFE Lure,
 Aramid fibre Braid

This exclusive Goodridge development has changed the perception of traditional fluid transfer hoses, worldwide. Constructed of a convoluted PTFE inner tube with a carbon impregnated static dissipation liner (impervious to virtually all chemicals) and covered with the industry's only source of black Aramid Fibre. This combination offers a fluid transfer hose with strength and pres-

G-Line Hose Fully Convoluted

The ultimate range of ultra flexible and light weight hose and fittings. Developed exclusively by Goodridge - the world's leading supplier of light weight PTFE hose. Our G-Line product ranges are the first choice of leading F1, RL, NASCAR teams and of WRC competitors. 710 G-Line combines lightness with superb strength and flexibility.

The wide fitting range is designed to meet all possible applications and requirements.

Hose 910 FC (Fuel Cell)

Application:
 Fuel cell systems for lift pump applications. 910-06FC and 910-08FC uses just the center PTFE tube of G-Line hose, removing the outer braid to reduce weight and ensure cleanliness in the cell. Compatible with all fuels including methanol. It can be cut to specific lengths for use with the standard G-Line fittings.

This product is perfect for the inside of fuel cells, for lift pump applications. 910-06FC and 910-08FC uses just the center PTFE tube of G-Line hose, removing the outer braid to reduce weight and ensure cleanliness in the cell. Compatible with all fuels including methanol. It can be cut to specific lengths for use with the standard G-Line fittings.

PART NO	BORE SIZE		WORKING PRES		BURST PRES		WEIGHT		MIN BEND RAD	
	MM	IN	BAR	PSI	BAR	PSI	KG/M	LB/FT	MM	IN
910-06FC	9.53	.375	5	74	20	295	.06	.0403	60.0	2.362
910-08FC	12.70	.500	5	74	20	295	.15	.1008	60.0	2.362

Hose 811

Application:
 Fuel, Oil, Water, Methanol, Air
 Temperature range:
 -70°C to 260°C
 -94°F to 500°F
Material: Anti-Static
 PTFE smoothbore, Stainless steel braid

PART NO	BORE SIZE		BRAID OD		WORKING PRES		BURST PRES		WEIGHT		MIN BEND RAD	
	MM	IN	MM	IN	BAR	PSI	BAR	PSI	KG/M	LB/FT	MM	IN
811-04	6.85	.270	8.6	.378	90	1320	360	5290	0.09	0.614	19	.750
811-06	9.53	.375	13.0	.512	80	1180	320	4700	0.14	0.941	20	.787
811-08	12.70	.500	16.5	.650	70	1030	280	4120	0.29	1.949	38	1.498
811-10	15.88	.625	20.8	.819	65	955	260	3820	0.35	2.352	45	1.772
811-12	19.05	.750	24.4	.961	60	880	240	3530	0.40	2.688	50	1.989
811-16	25.40	1.000	32.3	1.272	50	740	200	2940	0.63	4.233	70	2.756

PART NO	BORE SIZE		PTFE WALL THICKNESS		OUTER DIAMETER		WORKING PRES		BURST PRES		WEIGHT		MIN BEND RAD	
	MM	IN	MM	IN	MM	IN	BAR	PSI	BAR	PSI	KG/M	LB/FT	MM	IN
710-04	7.1	.280	0.58	0.023	11.3	0.445	70	1025	330	4850	0.075	0.05	20	.787
710-06	9.5	.375	0.68	0.027	14.4	0.567	64	940	256	3760	0.089	0.06	25	0.985
710-08	13.3	.525	0.68	0.027	19.2	0.756	58	850	235	3450	0.134	0.09	25	0.985
710-10	16.0	.630	0.76	0.030	21.5	0.846	50	735	200	2930	0.164	0.11	32	1.260
710-12	19.5	.768	0.80	0.031	25.6	1.008	35	510	170	2485	0.193	0.13	40	1.575
710-16	25.4	1.000	0.94	0.037	33.9	1.335	33	485	133	1950	0.237	0.16	50	1.989
710-20	31.8	1.250	0.96	0.038	36.5	1.457	25	367	75	1102	0.461	0.31	70	2.756

SECTION: 01
G-Line Hose and Fittings

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Fully Machined G-Line Swage/Crimp Fittings
for: G-Line and G-Line XF 910, 710, 811

Fitting Type:

Swage / Crimp

Application :
Fuel, Oil, Water, Methanol, Air

To Suit Hose :
910, 710, 811

Material : D, P

Please Note:
Collars need to be ordered separately
for all swage / crimp fittings.

The only choice of fitting when the goal is to achieve the World's lightest fluid transfer system offering the utmost in racing environment performance, reliability and weight saving. These fully machined, one-piece fittings are designed for permanent attachment to all our G-Line hose ranges. Our qualified Hose Technicians will individually build your assembly to your exacting specifications. Additionally, Goodridge Technical Centers can build lines to your exact specifications and are located in several regions for fast service.

4001

STRAIGHT FEMALE CONCAVE

PART NO.	MATERIAL	HOSE	NUT
4001-04	D, P	-4	-4
4001-06-M14	D	-6	M14 X 1.50
4001-06	D	-6	-6
4001-08-10	D	-8	-10
4001-08	D	-8	-8
4001-10-M22	D	-10	M22 X 1.50
4001-10-08	D	-10	-8
4001-10-12	D	-10	-12
4001-10	D	-10	-10
4001-12-10	D	-12	-10
4001-12	D	-12	-12
4001-16-12	D	-16	-12
4001-16	D	-16	-16
4001-20	D	-20	-20



4031

30° FORGED FEMALE CONCAVE SEAT

PART NO.	MATERIAL	HOSE	NUT
4031-04	P	-4	-4
4031-04	LP	-4	-4



NOTE: P INDICATES ALLOY NUT ON STEEL TAIL FORM

NOTE: The latest designs of G-Line fittings in -10 and larger feature a turned-down hex for the ultimate weight savings. Sizes up to -8 still offer light weight designs while providing maximum strength.



4006-08

Deaper hex for fittings -08 and below



4006-10

Stubber hex for fittings -10 and above

4045

45° FORGED SWEPT FEMALE CONCAVE SEAT

PART NO.	MATERIAL	HOSE	NUT
4045-04	D	-4	-4
4045-06	D	-6	-6
4045-08	D	-8	-8
4045-10	D	-10	-10
4045-12	D	-12	-12



4046

45° SWEPT TUBE FEMALE CONCAVE SEAT

PART NO.	MATERIAL	HOSE	NUT
4046-04	D, P	-4	-4
4046-04	LP	-4	-4
4046-06	D	-6	-6
4046-08	D	-8	-8
4046-10	D	-10	-10
4046-12	D	-12	-12
4046-16	D	-16	-16



4061

45° FORGED SWEPT FEMALE CONCAVE SEAT

PART NO.	MATERIAL	HOSE	NUT
4061-04	P	-4	-4
4061-04	LP	-4	-4



NOTE: P INDICATES ALLOY NUT ON STEEL TAIL FORM

4080

90° FORGED FEMALE CONCAVE SEAT

PART NO.	MATERIAL	HOSE	NUT
4080-04	D	-4	-4
4080-06	D	-6	-6
4080-08	D	-8	-8
4080-10	D	-10	-10
4080-12	D	-12	-12



4091

90° SWEPT TUBE FEMALE CONCAVE SEAT

PART NO.	MATERIAL	HOSE	NUT
4091-04	D, P	-4	-4
4091-06-M14	D	-6	M14 X 1.5
4091-06	D	-6	-6
4091-08	D	-8	-8
4091-10	D	-10	-10
4091-12	D	-12	-12
4091-16	D	-16	-16



NOTE: P INDICATES ALLOY NUT ON STEEL TAIL FORM

NOTE: The latest designs of G-Line fittings in -10 and larger feature a turned-down hex for the ultimate weight savings. Sizes up to -8 still offer light weight designs while providing maximum strength.



4006-08

Deaper hex for fittings -08 and below



4006-10

Stubber hex for fittings -10 and above

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Fully Machined G-Line Swage/Crimp Fittings
for: G-Line and G-Line XF 910, 710, 811

4120

120° SWEPT TUBE FEMALE CONCAVE SEAT

PART NO.	MATERIAL	HOSE	NUT
4120-04	D, P	-4	-4
4120-06	D	-6	-6
4120-08	D	-8	-8
4120-10	D	-10	-10
4120-12	D	-12	-12
4120-16	D	-16	-16



4150

150° SWEPT TUBE FEMALE CONCAVE SEAT

PART NO.	MATERIAL	HOSE	NUT
4150-04	D, P	-4	-4
4150-04	LP	-4	-4
4150-06	D	-6	-6
4150-08	D	-8	-8
4150-10	D	-10	-10
4150-12	D	-12	-12
4150-16	D	-16	-16



4180

180° SWEPT TUBE FEMALE CONCAVE SEAT

PART NO.	MATERIAL	HOSE	NUT
4180-04	D, P	-4	-4
4180-04	LP	-4	-4
4180-06	D	-6	-6
4180-08	D	-8	-8
4180-10	D	-10	-10
4180-12	D	-12	-12
4180-16	D	-16	-16



4441

STRAIGHT MALE CONVEX SEAT

PART NO.	MATERIAL	HOSE	NUT
4441-04	D	-4	4 MALE
4441-06	D	-6	6 MALE
4441-08	D	-8	8 MALE
4441-12-16	D	-12	16 MALE



NOTE: P INDICATES ALLOY NUT ON STEEL TAIL FORM

NOTE: The latest designs of G-Line fittings in -10 and larger feature a turned-down hex for the ultimate weight savings. Sizes up to -8 still offer light weight designs while providing maximum strength.



4006-08

Deaper hex for fittings -08 and below



4046-10

Stubber hex for fittings -10 and above

G-Line Flexible Coupling Fittings for Wiggins
for: G-Line & G-Line XF 910, 710, 811

Fitting Type:

Swage / Crimp

Application :
Fuel, Oil, Water, Methanol, Air

To Suit Hose :
910, 710, 811

Material : D

For rapid disconnection and where the need is to connect flexible hose to rigid tube use the Goodridge cup end fittings designed for use with our Wiggins flexible couplings.
Step sizes available upon request.
Please contact our Sales Department for pricing and availability.

4001DFL

STRAIGHT



4081DFL

90°



4031DFL

30°



4120DFL

120°



4046DFL

45°



4150DFL

150°



4061DFL

60°



4180DFL

180°



NOTE: See page 16 For full details on Wiggins couplings



With Wiggins clamp attenuator

SECTION: 01
G-Line Hose and Fittings

Material Key
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GOODRIDGE
FLUID TRANSFER SYSTEMS

Brazed Swage/Crimp Fittings
for: G-Line and G-Line XF, 910, 710, 811

Fitting Type:

Swage / Crimp

Application:

Fuel, Oil, Water, Methanol, Air

To Suit Hose:

910, 710, 811

Material: D

Please Note:

Collars need to be ordered separately

for all swage / crimp fittings.

Where the requirement is for a lower cost fitting to a standard bend radius the G-Line brazed range is the product of choice. Manufactured and brazed in house to the highest standards, the Goodridge care and quality requirements are evident.

15° SWEEP TUBE FEMALE CONCAVE SEAT			
PART NO.	MATERIAL	HOSE	NUT
4016-120BZ	D	-12	-12
4016-160BZ	D	-16	-16



30° SWEEP TUBE FEMALE CONCAVE SEAT			
PART NO.	MATERIAL	HOSE	NUT
4031-80BZ	D	-8	-8
4031-100BZ	D	-10	-10
4031-120BZ	D	-12	-12
4031-160BZ	D	-16	-16
4031-200BZ	D	-20	-20



45° SWEEP TUBE FEMALE CONCAVE SEAT			
PART NO.	MATERIAL	HOSE	NUT
4046-60BZ	D	-6	-6
4046-80BZ	D	-8	-8
4046-10-080BZ	D	-10	-8
4046-100BZ	D	-10	-10
4046-120BZ	D	-12	-12
4046-160BZ	D	-16	-16
4046-200BZ	D	-20	-20



NOTE: The latest designs of G-Line fittings in -10 and larger feature a turned-down hex for the ultimate weight savings. Sizes up to -6 still offer light weight designs while providing maximum strength.



4046-08
Design hex for fittings -08 and below



4046-10
Standard hex for fittings -10 and above

60° SWEEP TUBE FEMALE CONCAVE SEAT			
PART NO.	MATERIAL	HOSE	NUT
4061-600BZ	D	-6	-6
4061-800BZ	D	-8	-8
4061-1000BZ	D	-10	-10
4061-1200BZ	D	-12	-12
4061-1600BZ	D	-16	-16
4061-2000BZ	D	-20	-20



75° SWEEP TUBE FEMALE CONCAVE SEAT			
PART NO.	MATERIAL	HOSE	NUT
4076-1000BZ	D	-10	-10
4076-1200BZ	D	-12	-12
4076-1600BZ	D	-16	-16



90° SWEEP TUBE FEMALE CONCAVE SEAT			
PART NO.	MATERIAL	HOSE	NUT
4091-600BZ	D	-6	-6
4091-800BZ	D	-8	-8
4091-10-080BZ	D	-10	-8
4091-1000BZ	D	-10	-10
4091-12-1000BZ	D	-12	-10
4091-1200BZ	D	-12	-12
4091-1600BZ	D	-16	-16
4091-2000BZ	D	-20	-20



120° SWEEP TUBE FEMALE CONCAVE SEAT			
PART NO.	MATERIAL	HOSE	NUT
4120-600BZ	D	-6	-6
4120-800BZ	D	-8	-8
4120-1000BZ	D	-10	-10
4120-1200BZ	D	-12	-12
4120-1600BZ	D	-16	-16
4120-2000BZ	D	-20	-20



150° SWEEP TUBE FEMALE CONCAVE SEAT			
PART NO.	MATERIAL	HOSE	NUT
4150-600BZ	D	-6	-6
4150-800BZ	D	-8	-8
4150-1000BZ	D	-10	-10
4150-1200BZ	D	-12	-12
4150-1600BZ	D	-16	-16
4150-2000BZ	D	-20	-20



180° SWEEP TUBE FEMALE CONCAVE SEAT			
PART NO.	MATERIAL	HOSE	NUT
4180-600BZ	D	-6	-6
4180-800BZ	D	-8	-8
4180-1000BZ	D	-10	-10
4180-1200BZ	D	-12	-12
4180-1600BZ	D	-16	-16



NON SWIVEL BAND			
PART NO.	MATERIAL	HOSE	HOLE SIZE
40776-04-M14	D	-6	M14
40776-06-M12	D	-8	M12



4001DFLM			
PART NO.	MATERIAL	HOSE	WIGGERS
4001-06-08DFLM	D	-6	-5 BK/VD



4091DFM			
PART NO.	MATERIAL	HOSE	WIGGERS
4091-12-12DFM	D	-12	-12 MALE



Brazed Swage/Crimp Fittings
for: G-Line and G-Line XF, 910, 710, 811

4824			
PART NO.	MATERIAL	HOSE	NUT
4824-06-04-08	D	-8	-8
4824-06-06-08	D	-8	-8

ALSO AVAILABLE IN BLACK



RCC910			
PART NO.	MATERIAL	HOSE	NUT
RCC910-04	D	-4	-4
RCC910-06	D	-6	-6
RCC910-08	D	-8	-8
RCC910-10	D	-10	-10
RCC910-12	D	-12	-12
RCC910-16	D	-16	-16



To Suit Hose Type: G-Line XF 910, 811
Please Note: Collars need to be ordered separately for all swage / crimp fittings

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SECTION: 01
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Adjustable Swage/Crimp Fittings
for: G-Line and G-Line XF, 910, 710, 811

Fitting Type:
Swage / Crimp

Application:
Fuel, Oil, Water, Methanol, Air

To Suit Hose:
910, 710, 811

Material: D

Please Note:
Collars need to be ordered separately for all swage / crimp fittings.

30° SWEPT TUBE FEMALE CONCAVE SEAT			
PART NO.	MATERIAL	HOSE	NUT
4431-08	D	-8	-8
4431-10	D	-10	-10
4431-12	D	-12	-12
4431-16	D	-16	-16

45° FORGED FEMALE CONCAVE SEAT			
PART NO.	MATERIAL	HOSE	NUT
4445-04	D	-4	-4
4445-06	D	-6	-6
4445-08	D	-8	-8
4445-10	D	-10	-10
4445-12	D	-12	-12

45° SWEPT TUBE FEMALE CONCAVE SEAT			
PART NO.	MATERIAL	HOSE	NUT
4446-04	D	-4	-4
4446-06	D	-6	-6
4446-08	D	-8	-8
4446-10	D	-10	-10
4446-12	D	-12	-12
4446-16	D	-16	-16

NOTE: The latest designs of G-Line fittings in -10 and larger feature a turned-down hex for the ultimate weight savings. Sizes up to -8 still offer tight weight designs while providing maximum strength.



4046-08
Straight hex for fittings -08 and below

4046-10
Straight hex for fittings -10 and above



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Adjustable Swage/Crimp Fittings
for: G-Line and G-Line XF, 910, 710, 811

150° SWEPT TUBE FEMALE CONCAVE SEAT			
PART NO.	MATERIAL	HOSE	NUT
4419-04	D	-4	-4
4419-06	D	-6	-6
4419-08	D	-8	-8
4419-10	D	-10	-10
4419-12	D	-12	-12
4419-16	D	-16	-16



180° SWEPT TUBE FEMALE CONCAVE SEAT			
PART NO.	MATERIAL	HOSE	NUT
4418-04	D	-4	-4
4418-06	D	-6	-6
4418-08	D	-8	-8
4418-10	D	-10	-10
4418-12	D	-12	-12
4418-16	D	-16	-16



G-Line Male Swivel Fittings

Fitting Type:
Swage / Crimp

Application:
Fuel, Oil, Water, Methanol, Air

To Suit Hose:
910, 710, 811

Material: D

Please Note:
To avoid large 'step-ups' in size, not all tail sizes are available with all thread sizes. Collars need to be ordered separately for all swage / crimp fittings. (See Page 7)

These fittings allow for 'low profile' installation where space is limited. They feature a swivelling male spigot in UNF and metric sizes, which seals on an integral Buna-N O-ring and will fit into standard female ports.

All parts are assembled and quoted to order. Please contact our Sales Department for pricing and availability.

EXAMPLE PART NO.		EXAMPLE PART NO.	
UNF	METRIC	UNF	METRIC
4	00	001	-04
4	00001	-04	-04 D
400001 -04 -M12D		400001 -04 -M12D	

G-LINE PREFIX		RANGE NUMBER		FITTING ANGLE		TAIL SIZE		JIC/UNF THREAD		METRIC THREAD SIZE		MATERIAL	
PART NO.	PREFIX	PART NO.	PREFIX	PART NO.	PREFIX	PART NO.	PREFIX	PART NO.	PREFIX	PART NO.	PREFIX	PART NO.	PREFIX
G-LINE PREFIX	4	MALE O-RING SEAL SWIVEL	00	STRAIGHT MALE	001	-04 HOSE	001	7/16 X 20	-04	12 X 1.5MM	M12	ALUMINIUM	D
G-LINE PREFIX	046	45° BRAZED TUBE	046	-06 HOSE	046	-06 HOSE	046	9/16 X 18	-06	14 X 1.5MM	M14	ALUMINIUM	D
G-LINE PREFIX	091	90° BRAZED TUBE	091	-08 HOSE	091	-08 HOSE	091	3/4 X 16	-08	16 X 1.5MM	M16	ALUMINIUM	D



* 30° AND 60° SWEPT TUBE AVAILABLE IN LARGER SIZES BY REQUEST.

Section: 01 G-Line Hose and Fittings

Material Key
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811 Hose and Re-usable Fittings for: 811 and 910 Hose

STRAIGHT FEMALE		
PART NO.	HOSE	NUT
811-001	-4	-4
811-006	-6	-6
811-008	-8	-8
811-010	-10	-10
811-012	-12	-12
811-016	-16	-16
811-020	-20	-20



45° FORCED FEMALE		
PART NO.	HOSE	NUT
812-508	-6	-6
812-508	-8	-8
812-510	-10	-10
812-512	-12	-12



45° SWEEP TUBE FEMALE		
PART NO.	HOSE	NUT
811-4504	-4	-04
811-4506	-6	-06
811-4508	-8	-08
811-4510	-10	-10
811-4512	-12	-12
811-4516	-16	-16
811-4520	-20	-20



30° SWEEP TUBE FEMALE		
PART NO.	HOSE	NUT
811-3010	-10	-10



90° FORCED FEMALE		
PART NO.	HOSE	NUT
812-9006	-6	-6
812-9008	-8	-8
812-9010	-10	-10
812-9012	-12	-12



90° SWEEP TUBE FEMALE		
PART NO.	HOSE	NUT
811-9004	-4	-4
811-9006	-6	-6
811-9008	-8	-8
811-9010	-10	-10
811-9012	-12	-12
811-9016	-16	-16
811-9020	-20	-20



120° SWEEP TUBE FEMALE		
PART NO.	HOSE	NUT
811-12004	-4	-4
811-12006	-6	-6
811-12008	-8	-8
811-12010	-10	-10
811-12012	-12	-12
811-12016	-16	-16
811-12020	-20	-20



150° SWEEP TUBE FEMALE		
PART NO.	HOSE	NUT
811-15004	-4	-4
811-15006	-6	-6
811-15008	-8	-8
811-15010	-10	-10
811-15012	-12	-12
811-15016	-16	-16
811-15020	-20	-20



180° SWEEP TUBE FEMALE		
PART NO.	HOSE	NUT
811-18004	-4	-4
811-18006	-6	-6
811-18008	-8	-8
811-18010	-10	-10
811-18012	-12	-12
811-18016	-16	-16



Hose 811

Application :
 Fuel, Oil, Water, Methanol, Air
 Temperature range :
 -70°C to 260°C
 -94°F to 500°F
 Material : Anti-Static
 PTFE smoothbore, Stainless steel braid

811 hose has all the flexibility and flow rate advantages of 910 hose with a stainless steel braid for additional protection. Compatible with fully crimped fittings or the revolutionary 811 series Re-usable fittings



Hose 910

Application :
 Fuel, Oil, Water, Methanol, Air
 Temperature range :
 -45°C to + 170°C
 -49°F to + 338°F
 Material : Anti-Static
 PTFE smoothbore, Aramid fibre Braid

910 is the number one choice of leading motorsport teams, and our flagship lightweight hose. 910 combines a woven super-light Aramid braid, with a PTFE inner bore - smooth inside for increased flow and convoluted outside for amazing flexibility. Compatible with fully crimped fittings or the revolutionary 811 series Re-usable fittings.



NOTE: See page 2 for full hose specification

Assembly Instructions for 811 Fittings & 811/910 Series Hose

	STEP 1	Remove socket from fitting.
	STEP 2	Feed the hose into the socket with a turning motion, feeding the braid in as you turn the hose.
	STEP 3	Hold the fitting in a vice with smooth or soft jaws, and lubricate the threads with a light oil.
	STEP 4	Push the hose firmly onto the thread whilst rotating the hose. Keep turning the hose until the first three to four threads have engaged.

	STEP 5	Tighten socket using a spanner or adjustable, continue turning the socket until it reaches the base of the thread.
	STEP 6	When the socket reaches the base of the thread keep turning for two complete turns.

Section: 01
G-Line Hose and Fittings

Material Key
B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium,
EN: Electroless Nickel, P: Zinc Plated Carbon Steel, T: Titanium



811 Flexible Coupling Fittings for Wiggins
for: G-Line & G-Line XF 910, 710, 811

Fitting Type: Re-usable
To Suit Hose: 811, 910
Fitting Material: D
Fitting Colour: Black/Silver
811 Hose Application: Fuel, Oil, Water, Methanol, Air
Temperature range: -48°C to + 170°C
-49°F to + 338°F
Material: Anti-Static
PTFE smoothbore, Aramid fibre Braid

For rapid disconnection and where the need is to connect flexible hose to rigid tube use the Goodridge cup end fittings designed for use with our Wiggins flexible couplings. Listed below is our standard range – other sizes can be made to order. For a complete listing of flexible couplings please contact our sales department.

811-01 STRAIGHT FEMALE			
PART NO.	MATERIAL	HOSE	WIGGINS
811-0106-08DFL	D	-6	-6
811-0108DFL	D	-8	-8
811-0110DFL	D	-10	-10
811-0112DFL	D	-12	-12
811-0116DFL	D	-16	-16



811-45 45° SWEPT TUBE			
PART NO.	MATERIAL	HOSE	WIGGINS
811-4506-08DFL	D	-6	-6
811-4508DFL	D	-8	-8
811-4510DFL	D	-10	-10
811-4512DFL	D	-12	-12
811-4516DFL	D	-16	-16



811-90 90° SWEPT TUBE			
PART NO.	MATERIAL	HOSE	WIGGINS
811-9006-08DFL	D	-6	-6
811-9008DFL	D	-8	-8
811-9010DFL	D	-10	-10
811-9012DFL	D	-12	-12
811-9016DFL	D	-16	-16



811-120 120° SWEPT TUBE			
PART NO.	MATERIAL	HOSE	WIGGINS
811-1206-08DFL	D	-6	-6
811-1208DFL	D	-8	-8
811-12010DFL	D	-10	-10
811-12012DFL	D	-12	-12
811-12016DFL	D	-16	-16



811-150 150° SWEPT TUBE			
PART NO.	MATERIAL	HOSE	WIGGINS
811-15006-08DFL	D	-6	-6
811-15008DFL	D	-8	-8
811-15010DFL	D	-10	-10
811-15012DFL	D	-12	-12
811-15016DFL	D	-16	-16



NOTE: See page 16 for full details on Wiggins couplings



811-120
With Wiggins clamp attached



02

G-link Quick Release Couplings Wiggins Flexible Couplings

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Section: 02

G-link Quick Release Couplings, Wiggins Flexible Couplings

Material Key
B: Brass, **C:** Stainless Steel, **CH:** Chrome Plated, **D:** Aluminium, **EN:** Electroless Nickel, **P:** Zinc Plated Carbon Steel, **T:** Titanium

GOODRIDGE
 FLUID TRANSFER SYSTEMS

G-LINK

Quick Disconnect Couplings

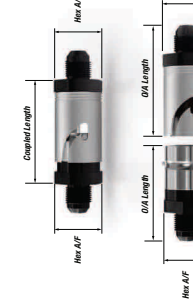
G-Link Bayonet-Type

The Quick Disconnect Couplings of the Advantage series, G-Link Bayonet-Type are compact and lightweight couplings, developed for hydraulic and pneumatic purposes in motorsport with operating pressure up to 200 bar.

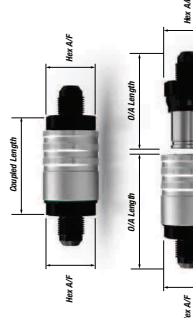
The locking mechanism with bayonet is designed for one-handed operation, pushing and twisting the outer sleeve, with no separate actuation required for uncoupling, as well as air inclusion during coupling.

DIMENSIONS		DETAILS		WEIGHT IN GRAMS	
HEX AF	O/A LENGTH	COUPLED LENGTH	NOMINAL DIAM.	MWP	
NOMINAL SIZE 03					
G00B3R0E	ODV BAYONET-TYPE PLUG -04 JIC EPDM SEAL	34.7MM	3.5MM	200BAR	7
G00B3R0E	ODV BAYONET-TYPE SOCKET -04 JIC EPDM SEAL	34.7MM	3.5MM	200BAR	10
G00B3R0F	ODV BAYONET-TYPE PLUG -04 JIC FPM SEAL	34.7MM	3.5MM	200BAR	7
G00B3R0F	ODV BAYONET-TYPE SOCKET -04 JIC FPM SEAL	34.7MM	3.5MM	200BAR	10
G00B3R0E	ODV BAYONET-TYPE PLUG -04 JIC EPDM SEAL	36.2MM	3.5MM	200BAR	7
G00B3R0E	ODV BAYONET-TYPE SOCKET -04 JIC EPDM SEAL	36.2MM	3.5MM	200BAR	11
G00B3R0F	ODV BAYONET-TYPE PLUG -04 JIC FPM SEAL	36.2MM	3.5MM	200BAR	7
G00B3R0F	ODV BAYONET-TYPE SOCKET -04 JIC FPM SEAL	36.2MM	3.5MM	200BAR	11
NOMINAL SIZE 05					
G00B3R0F	ODV BAYONET-TYPE PLUG -04 JIC FPM SEAL	39.6MM	5.5MM	150BAR	13
G00B3R0F	ODV BAYONET-TYPE SOCKET -04 JIC FPM SEAL	39.6MM	5.5MM	150BAR	17
G00B3R0E	ODV BAYONET-TYPE PLUG -04 JIC EPDM SEAL	39.6MM	5.5MM	150BAR	13
G00B3R0E	ODV BAYONET-TYPE SOCKET -04 JIC EPDM SEAL	39.6MM	5.5MM	150BAR	17
G00B3R0F	ODV BAYONET-TYPE PLUG -06 JIC FPM SEAL	39.6MM	5.5MM	150BAR	14
G00B3R0F	ODV BAYONET-TYPE SOCKET -06 JIC FPM SEAL	39.6MM	5.5MM	150BAR	18
NOMINAL SIZE 08					
G00B3R0F	ODV BAYONET-TYPE PLUG -06 JIC FPM SEAL	43.1MM	8.5MM	100BAR	26
G00B3R0F	ODV BAYONET-TYPE SOCKET -06 JIC FPM SEAL	43.1MM	8.5MM	100BAR	38
G00B3R0E	ODV BAYONET-TYPE PLUG -06 JIC EPDM SEAL	43.1MM	8.5MM	100BAR	30
G00B3R0E	ODV BAYONET-TYPE SOCKET -06 JIC EPDM SEAL	43.1MM	8.5MM	100BAR	42

G-Link Bayonet-Type



G-Link Pull-Type



Optionally the dry break coupling can be used as a security shut-off device, e.g. for fuel lines. For this purpose one half of the coupling is equipped with a bayonet to separate the halves in case of an accident. The unique locking mechanism design allows activation of separation by pulling the male half. So it is possible to install two inversely arranged couplings to avoid the risk of mistakes.

All body sizes of the G-Link Pull-Type series Quick Disconnect Couplings are also available in a non-locking version, designed for the use in refit units. Please ask for additional information on couplings and refit units.

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G-LINK

Quick Disconnect Couplings

G-Link Pull-Type

The Quick Disconnect Couplings of the Advantage series, G-Link Pull-Type, are compact and lightweight couplings, developed for hydraulic and pneumatic purposes in motorsport with operating pressure up to 200 bar. The locking mechanism is 0-ring sealed to achieve

alternatively, be replaced by a retaining clamp. This can only be attached when the halves are coupled and eliminates the risk of unintentional uncoupling. Additionally the whole operating mechanism is 0-ring sealed to achieve

particular suitability for rough conditions and to reduce environmental effects. Both halves, coupler and nipple, are equipped with self-acting valves to stop fluid loss during uncoupling, as well as air inclusion, during coupling.

DIMENSIONS		DETAILS		WEIGHT IN GRAMS	
HEX AF	O/A LENGTH	COUPLED LENGTH	NOMINAL DIAM.	MWP	
NOMINAL SIZE 05					
G00P3R0F	ODV PULL-TYPE PLUG -06 JIC FPM SEAL	22MM	4.5MM	200BAR	20
G00P3R0F	ODV PULL-TYPE PLUG -04 JIC BULKHEAD FPM SEAL	22MM	4.5MM	200BAR	22
G00P3R0F	ODV PULL-TYPE SOCKET -06 JIC FPM SEAL	17MM	4.5MM	200BAR	32
G00P3R0F	ODV PULL-TYPE SOCKET -04 JIC LANWARD FPM SEAL	17MM	4.5MM	200BAR	36
G00P3R0F	ODV PULL-TYPE PLUG -06 JIC FPM SEAL	22MM	4.5MM	200BAR	21
G00P3R0F	ODV PULL-TYPE PLUG -06 JIC BULKHEAD FPM SEAL	22MM	4.5MM	200BAR	24
G00P3R0F	ODV PULL-TYPE SOCKET -06 JIC FPM SEAL	17MM	4.5MM	200BAR	33
G00P3R0F	ODV PULL-TYPE SOCKET -06 JIC LANWARD FPM SEAL	17MM	4.5MM	200BAR	37
NOMINAL SIZE 08					
G00P3R0F	ODV PULL-TYPE PLUG -06 JIC FPM SEAL	27MM	8.0MM	150BAR	36
G00P3R0F	ODV PULL-TYPE PLUG -06 JIC BULKHEAD FPM SEAL	27MM	8.0MM	150BAR	39
G00P3R0F	ODV PULL-TYPE SOCKET -06 JIC FPM SEAL	24MM	8.0MM	150BAR	56
G00P3R0F	ODV PULL-TYPE SOCKET -06 JIC LANWARD FPM SEAL	24MM	8.0MM	150BAR	60
G00P3R0F	ODV PULL-TYPE PLUG -08 JIC FPM SEAL	27MM	8.0MM	150BAR	38
G00P3R0F	ODV PULL-TYPE PLUG -08 JIC BULKHEAD FPM SEAL	27MM	8.0MM	150BAR	46
G00P3R0F	ODV PULL-TYPE SOCKET -08 JIC FPM SEAL	24MM	8.0MM	150BAR	59
G00P3R0F	ODV PULL-TYPE SOCKET -08 JIC LANWARD FPM SEAL	24MM	8.0MM	150BAR	64
NOMINAL SIZE 14					
G00P3R0F	ODV PULL-TYPE PLUG -12 JIC FPM SEAL	36MM	14.0MM	100BAR	84
G00P3R0F	ODV PULL-TYPE PLUG -12 JIC BULKHEAD FPM SEAL	36MM	14.0MM	100BAR	106
G00P3R0F	ADAPTOR-PLATE FOR PANEL MOUNTING (OPTIONAL)				
G00P3R0F	ODV PULL-TYPE SOCKET -12 JIC FPM SEAL	32MM	14.0MM	100BAR	140

Technical Information

FKM (Viton) seals, in use in fuel systems for many years, don't have the chemical resistance for usage with current fuel mixtures, where ethanol or methanol are incorporated. Goodridge found the perfect solution for this challenge: a compound also resistant to all currently used fuel blends, e.g.

- AdBlue (additive for scr: selective catalytic reduction)
- B5 (Diesel Blend: Containing 5% Biodiesel)
- B10
- B20 (Biodiesel)
- B100 (Biodiesel)
- E85 (Gasoline blend: containing 85% Ethanol and 15% Ethylene-Proylene-Dien rubber (EPDM) are available on request.

Seal materials, choice

The standard sealing material is a modified Viton® in the compound FPM, FKM. This material is available in the early "3" Quick Disconnect Couplings and allows the use for fuel-alcohol mixtures, pure ethanol and vegetable oil. Other materials as nitrile rubber (NBR), Ethylene-Proylene-Dien rubber (EPDM) are available on request.

The operating temperatures are the following, dependent upon sealing material.

Material	Chemical description	Operating temperatures	Representative fluids
FPM B	Fluorination, mod.	-20°C to +200°C	Fuel, ethanol, vegetable oil
NBR	Nitr-Butadien	-25°C to +120°C	Oil, mineral area gas
EPDM	Ethylene-Proylene-Dien	-50°C to +150°C	Brake fluids

Each coupling half is laser etched with Part-Nr. and sealing material (see part number guide).

Hydraulic ports
 The hydraulic connection is unopened by a male thread with a conical seal of 37° according to MS 33655 (standard) or MS 33657 (bulkhead version).

Size	Nominal size	Threads
05	5mm	7/16-20 UNF or 9/16-18 UNF
08	8mm	9/16-18 UNF or 3/4-16 UNF
14	14mm	7/8-14 UNF or 1-1/16-12 UNF

Of course any other connector style can be produced upon request.



Section: 02
G-link Quick Release Couplings, Wiggins Flexible Couplings

Material Key
B: Brass, **C:** Stainless Steel, **CH:** Chrome Plated, **D:** Aluminum,
EN: Electroless Nickel, **P:** Zinc Plated Carbon Steel, **T:** Titanium
GOODRIDGE
 FLUID TRANSFER SYSTEMS

Wiggins Flexible Fluid Couplings

Design Features:
 One-handed Installation, Standard Profile, Medium Pressure, Integral Electrical Bonding, Available in Aluminum and Stainless Steel.

- W994-XX-DE Clamp only (no sleeve, no ferrule)
- W991-XX-DE Clamp + sleeve (no ferrule)
- W903-XX-D Weld Ferrule
- W903-XX-D Sleeve
- OR-XX Green Viton O-Ring
- XX- Insert your required size from .08 to .64

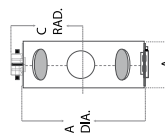
Clamps and ferrules also available in stainless steel!

The W900 Series Camseal Coupling is the result of more than three decades of experience at Atek Wiggins in the design and production of reliable flexible tube connectors. The W900 Series Camseal Connectors utilize a locking latch design, eliminating the installation of safety wire and offering one-handed installation. Integral electrical bonding eliminates the need for external clamps.



WIGGINS FULL CONNECTORS (W991) (LESS FERRULES)

TUBE O.D. SIZE	ALUMINUM		SEAL SIZE PER MS 33986		DIMENSIONS			
	PART NO.	WT. LBS.	A MAX	B MAX	C MAX	A MAX	B MAX	
1/2	W991-08DE	.034	-015	.739	.851	.90		
5/8	W991-10DE	.038	-017	.739	.976	.96		
3/4	W991-12DE	.043	-017	.829	1.156	1.04		
1	W991-16DE	.052	-014	.923	1.432	1.16		
1 1/4	W991-20DE	.058	-018	.923	1.682	1.27		
1 1/2	W991-24DE	.062	-022	.923	1.952	1.40		
1 3/4	W991-28DE	.070	-024	.923	2.211	1.52		
2	W991-32DE	.083	-026	.989	2.505	1.66		
2 1/2	W991-40DE	.097	-030	.989	2.966	1.90		
3	W991-48DE	.144	-034	.989	3.554	2.17		



WIGGINS WELD FERRULE (W903)

*Material of ferrule must be compatible with material of tube.

TUBE O.D. SIZE	ALUMINUM		STAINLESS STEEL		DIMENSIONS		
	PART NO.	WT. LBS.	PART NO.	WT. LBS.	SEAL SIZE PER MS 33986	A MAX	B MAX
1/2	W903-08D	.010			.015	.749	.689
5/8	W903-10D	.012			.017	.749	.814
3/4	W903-12D	.016	W903-12C	.046	.117	.783	.994
1	W903-16D	.022	W903-16C	.062	.214	.838	1.270
1 1/4	W903-20D	.027	W903-20C	.076	.218	.838	1.520
1 1/2	W903-24D	.033	W903-24C	.093	.222	.838	1.790
1 3/4	W903-28D	.038	W903-28C	.107	.224	.838	2.040
2	W903-32D	.047			.226	.854	2.313
2 1/2	W903-40D	.056			.230	.854	2.813
3	W903-48D	.069			.234	.854	3.313



03

200, 210 Series Braided Hose and Fittings

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Section: 03 200, 210 Series Braided Hose and Fittings

Material Key
B: Brass, **C:** Stainless Steel, **CH:** Chrome Plated, **D:** Aluminum,
EN: Electroless Nickel, **P:** Zinc Plated Carbon Steel, **T:** Titanium

GOODRIDGE
 FLUID TRANSFER SYSTEMS

200 Series Hose

Application :
Fuel, Oil, Coolants, Methanol, Water
 Material / Construction :
**Integral stainless steel reinforced
 synthetic rubber with hi-tensile outer
 stainless steel braid**

Please Note:
**Not to be used for fuel use inside
 a cockpit.**

Goodridge 200 Series hose is the premier stainless steel braided hose.
 200 Series is designed for use with a wide range of re-sealable aluminum hose ends and provides essential protection and resistance to high pressure, temperature, vibration, fire risks and chafing. It is constructed of a seamless synthetic CPE liner with an integral stainless steel braid and a high tensile stainless steel outer braid. 200 Series hose has the highest corrosion and fire resistance threshold of any stainless braided hose available. It can be used with all synthetic lubricants, fuels, oils, coolants and alcohols including methanol and nitromethane.

This hose is perfectly manufactured for efficient and reliable use with 136, 1136, 236, 336 and 2776 Series Hose Ends. The traditional racing hose.

PART NO	BORE SIZE		BRAID OD		WORKING PRES		BURST PRES		WEIGHT		TEMPERATURE RANGE		MIN BEND RADIUS	
	MM	INCH	MM	INCH	BAR	PSI	BAR	PSI	KG/M	LB/FT	MIN	MAX	MM	INCH
200-04	5.56	0.219	11.13	0.438	69	1000	414	6000	0.167	0.112	-46°C (-51°F)	150°C (302°F)	50.80	2.00
200-05	6.25	0.250	12.50	0.500	69	1000	414	6000	0.184	0.123	-46°C (-51°F)	150°C (302°F)	56.25	2.25
200-06	8.73	0.344	13.89	0.547	69	1000	414	6000	0.201	0.135	-46°C (-51°F)	150°C (302°F)	63.50	2.50
200-07	9.38	0.380	15.63	0.625	69	1000	345	5000	0.236	0.158	-46°C (-51°F)	150°C (302°F)	76.20	2.75
200-08	11.12	0.438	16.28	0.641	69	1000	345	5000	0.271	0.182	-46°C (-51°F)	150°C (302°F)	88.80	3.50
200-10	14.27	0.562	20.24	0.797	69	1000	345	5000	0.348	0.234	-46°C (-51°F)	150°C (302°F)	101.80	4.00
200-12	17.47	0.688	23.82	0.929	69	1000	259	3750	0.421	0.283	-46°C (-51°F)	150°C (302°F)	114.30	4.50
200-16	22.22	0.875	29.36	1.156	52	750	172	2500	0.552	0.377	-46°C (-51°F)	150°C (302°F)	139.70	5.50
200-20	28.70	1.125	36.49	1.437	35	500	138	2000	0.732	0.492	-46°C (-51°F)	150°C (302°F)	203.20	8.00

PART NO	HOSE SERIES	LENGTH
2000	200-04	BULK
2001	200-04	3'
2002	200-04	6'
2003	200-04	10'
2004	200-04	15'
2005	200-04	20'
2006	200-06	BULK
2007	200-06	3'
2008	200-06	6'
2009	200-06	10'
2010	200-06	15'
2011	200-06	20'
2012	200-08	BULK
2013	200-08	3'
2014	200-08	6'

PART NO	HOSE SERIES	LENGTH
2015	200-08	10'
2016	200-08	15'
2017	200-08	20'
2018	200-10	BULK
2019	200-10	3'
2020	200-10	6'
2021	200-10	10'
2022	200-10	15'
2023	200-10	20'
2024	200-12	BULK
2025	200-12	3'
2026	200-12	6'
2027	200-12	10'
2028	200-12	15'
2029	200-12	20'

PART NO	HOSE SERIES	LENGTH
2030	200-16	BULK
2031	200-16	3'
2032	200-16	6'
2033	200-16	10'
2034	200-16	15'
2035	200-16	20'
2036	200-20	BULK
2037	200-20	3'
2038	200-20	6'
2039	200-20	10'
2040	200-20	15'
2041	200-20	20'
2042	200-24	BULK
2043	200-24	BULK
2044	200-32	BULK

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210 Series Hose

Application :
Fuel, Oil, Coolants, Methanol, Water
 Material / Construction :
**Integral stainless steel reinforced
 synthetic rubber with lightweight
 outer fibre braid**

Please Note:
**Not to be used for fuel use inside
 a cockpit.**

210 series is a new development, based on the conventional 200 series stainless steel braided hose, widely used in all forms of racing. The 210 series has a lightweight fibre braid, with high abrasion resistance, and is ideal for breather hoses, or oil and water circuits. It is the perfect solution as a lightweight alternative to 200 series, where the robust stainless steel braid is not necessary, and weight saving is paramount. The 210 series hose is a great option for slow cars and street performance when used with the 1136 black and electroplated hose ends.

PART NO	BORE SIZE		BRAID OD		WORKING PRES		BURST PRES		WEIGHT		TEMPERATURE RANGE		MIN BEND RADIUS	
	MM	INCH	MM	INCH	BAR	PSI	BAR	PSI	KG/M	LB/FT	MIN	MAX	MM	INCH
210-04	5.56	0.219	11.17	0.44	34	500	138	2000	0.112	0.075	-40°C (-40°F)	148.9°C (300°F)	50.8	2.00
210-06	8.71	0.343	14.22	0.56	34	500	138	2000	0.141	0.095	-40°C (-40°F)	148.9°C (300°F)	63.5	2.50
210-08	11.13	0.438	17.02	0.67	34	500	138	2000	0.179	0.120	-40°C (-40°F)	148.9°C (300°F)	88.9	3.50
210-10	14.29	0.562	20.83	0.82	34	500	138	2000	0.231	0.155	-40°C (-40°F)	148.9°C (300°F)	101.6	4.00
210-12	17.46	0.688	24.38	0.96	24	350	97	1400	0.372	0.250	-40°C (-40°F)	148.9°C (300°F)	114.3	4.50
210-16	22.23	0.875	29.21	1.15	24	350	97	1400	0.476	0.320	-40°C (-40°F)	148.9°C (300°F)	139.7	5.50

PART NO	HOSE SERIES	LENGTH
2100	210-04	BULK
2101	210-04	3'
2102	210-04	6'
2103	210-04	10'
2104	210-04	15'
2105	210-04	20'
2106	210-06	BULK
2107	210-06	3'
2108	210-06	6'
2109	210-06	10'
2110	210-06	15'
2111	210-06	20'
2112	210-08	BULK
2113	210-08	3'
2114	210-08	6'
2115	210-08	10'
2116	210-08	15'
2117	210-08	20'
2118	210-10	BULK
2119	210-10	3'
2120	210-10	6'
2121	210-10	10'
2122	210-10	15'
2123	210-10	20'
2124	210-12	BULK
2125	210-12	3'
2126	210-12	6'
2127	210-12	10'
2128	210-12	15'
2129	210-12	20'
2130	210-16	BULK
2131	210-16	3'
2132	210-16	6'
2133	210-16	10'
2134	210-16	15'
2135	210-16	20'



Section: 03
200, 210 Series Braided Ni Hose and Fittings

Material Key
B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium,
EN: Electroless Nickel, P: Zinc Plated Carbon Steel, T: Titanium

GOODRIDGE
FLUID TRANSFER SYSTEMS

1136 Swivel Single Nipple Max-flow Alloy Hose
Fittings for: 200, 210 Series Hose (BK)

Fitting Type:
Single nipple Re-usable
Application:
Fuel, Oil, Coolants, Methanol, Water
To Silt Hose:
200, 210
Material: D
Colour: D = Red and Blue,
BK = Black, DE = Electroplate



This series combines the popular single nipple design with a full 360° adjustable capability at an affordable price. Fittings can be produced in black, electroplate finish or red and blue.

1136BK

STRAIGHT FEMALE		
PART NO.	HOSE	NUT
1136-010BK	200/210-04	-4
1136-0106BK	200/210-06	-6
1136-0108BK	200/210-08	-8
1136-0110BK	200/210-10	-10
1136-0112BK	200/210-12	-12
1136-0116BK	200/210-16	-16



45° FEMALE SWEEP TUBE		
PART NO.	HOSE	NUT
1136-450BK	200/210-04	-4
1136-4506BK	200/210-06	-6
1136-4508BK	200/210-08	-8
1136-4510BK	200/210-10	-10
1136-4512BK	200/210-12	-12
1136-4516BK	200/210-16	-16



90° FEMALE SWEEP TUBE		
PART NO.	HOSE	NUT
1136-900BK	200/210-04	-4
1136-9006BK	200/210-06	-6
1136-9008BK	200/210-08	-8
1136-9010BK	200/210-10	-10
1136-9012BK	200/210-12	-12
1136-9016BK	200/210-16	-16



120° FEMALE SWEEP TUBE		
PART NO.	HOSE	NUT
1136-1200BK	200/210-04	-4
1136-12006BK	200/210-06	-6
1136-12008BK	200/210-08	-8
1136-12010BK	200/210-10	-10
1136-12012BK	200/210-12	-12
1136-12016BK	200/210-16	-16



150° FEMALE SWEEP TUBE SWIVEL		
PART NO.	HOSE	NUT
1136-15004BK	200/210-04	-4
1136-15006BK	200/210-06	-6
1136-15008BK	200/210-08	-8
1136-15010BK	200/210-10	-10
1136-15012BK	200/210-12	-12
1136-15016BK	200/210-16	-16



180° FEMALE SWEEP TUBE SWIVEL		
PART NO.	HOSE	NUT
1136-18004BK	200/210-04	-4
1136-18006BK	200/210-06	-6
1136-18008BK	200/210-08	-8
1136-18010BK	200/210-10	-10
1136-18012BK	200/210-12	-12
1136-18016BK	200/210-16	-16



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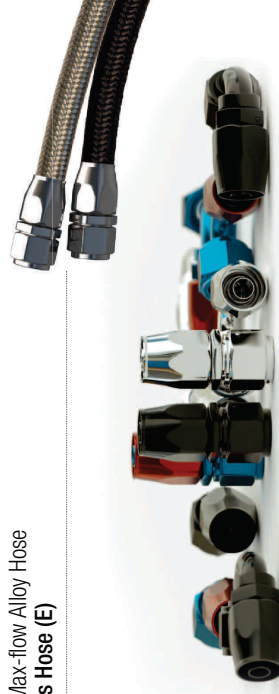
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PERFORMANCE
& RACING



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1136 Swivel Single Nipple Max-flow Alloy Hose
Fittings for: 200, 210 Series Hose (E)

Fitting Type:
Single nipple Re-usable
Application:
Fuel, Oil, Coolants, Methanol, Water
To Silt Hose:
200, 210
Material: D
Colour: D = Red and Blue,
BK = Black, E = Electroplate



1136E

STRAIGHT FEMALE		
PART NO.	HOSE	NUT
1136-010AE	200/210-04	-4
1136-0106E	200/210-06	-6
1136-0108E	200/210-08	-8
1136-0110E	200/210-10	-10
1136-0112E	200/210-12	-12
1136-0116E	200/210-16	-16
1136-0120E	200/210-20	-20



45° FEMALE SWEEP TUBE		
PART NO.	HOSE	NUT
1136-450AE	200/210-04	-4
1136-4506E	200/210-06	-6
1136-4508E	200/210-08	-8
1136-4510E	200/210-10	-10
1136-4512E	200/210-12	-12
1136-4516E	200/210-16	-16
1136-4520E	200/210-20	-20



90° FEMALE SWEEP TUBE		
PART NO.	HOSE	NUT
1136-900AE	200/210-04	-4
1136-9006E	200/210-06	-6
1136-9008E	200/210-08	-8
1136-9010E	200/210-10	-10
1136-9012E	200/210-12	-12
1136-9016E	200/210-16	-16
1136-9020E	200/210-20	-20



120° FEMALE SWEEP TUBE		
PART NO.	HOSE	NUT
1136-1200AE	200/210-04	-4
1136-12006E	200/210-06	-6
1136-12008E	200/210-08	-8
1136-12010E	200/210-10	-10
1136-12012E	200/210-12	-12
1136-12016E	200/210-16	-16



150° FEMALE SWEEP TUBE SWIVEL		
PART NO.	HOSE	NUT
1136-15004E	200/210-04	-4
1136-15006E	200/210-06	-6
1136-15008E	200/210-08	-8
1136-15010E	200/210-10	-10
1136-15012E	200/210-12	-12
1136-15016E	200/210-16	-16



180° FEMALE SWEEP TUBE SWIVEL		
PART NO.	HOSE	NUT
1136-18004E	200/210-04	-4
1136-18006E	200/210-06	-6
1136-18008E	200/210-08	-8
1136-18010E	200/210-10	-10
1136-18012E	200/210-12	-12
1136-18016E	200/210-16	-16



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Section: 03 200, 210 Series Braided Hose and Fittings

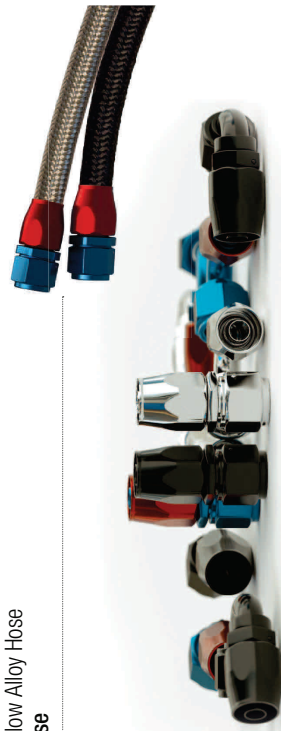
Material Key
B = Brass, **C** = Stainless Steel, **CH** = Chrome Plated, **D** = Aluminum,
EN = Enriched Nickel, **P** = Zinc Plated Carbon Steel, **T** = Titanium

GOODRIDGE
 FLUID TRANSFER SYSTEMS

1136 Swivel Single Nipple Max-flow Alloy Hose Fittings for: 200, 210 Series Hose

Fitting Type: Single nipple Re-usable
 Application: Fuel, Oil, Coolants, Methanol, Water
 To Suit Hoses: 200, 210
 Material: D
 Colour: D = Red and Blue, BK = Black, E = Electroplate

1136



STRAIGHT FEMALE SWIVEL		
PART NO.	HOSE	NUT
1136-0104	200/210-04	-4
1136-0106	200/210-06	-6
1136-0108	200/210-08	-8
1136-0110	200/210-10	-10
1136-0112	200/210-12	-12
1136-0116	200/210-16	-16



30° FEMALE SWIVEL		
PART NO.	HOSE	NUT
1136-3006	200/210-06	-6
1136-3008	200/210-08	-8
1136-3010	200/210-10	-10
1136-3012	200/210-12	-12
1136-3016	200/210-16	-16



120° FEMALE SWIVEL		
PART NO.	HOSE	NUT
1136-1206	200/210-06	-6
1136-1208	200/210-08	-8
1136-12010	200/210-10	-10
1136-12012	200/210-12	-12
1136-12016	200/210-16	-16



150° FEMALE SWIVEL		
PART NO.	HOSE	NUT
1136-1506	200/210-06	-6
1136-1508	200/210-08	-8
1136-15010	200/210-10	-10
1136-15012	200/210-12	-12
1136-15016	200/210-16	-16



45° FEMALE SWIPTUBE SWIVEL		
PART NO.	HOSE	NUT
1136-4504	200/210-04	-4
1136-4506	200/210-06	-6
1136-4508	200/210-08	-8
1136-4510	200/210-10	-10
1136-4512	200/210-12	-12
1136-4516	200/210-16	-16



60° FEMALE SWIPTUBE SWIVEL		
PART NO.	HOSE	NUT
1136-6006	200/210-06	-6
1136-6008	200/210-08	-8
1136-6010	200/210-10	-10
1136-6012	200/210-12	-12
1136-6016	200/210-16	-16



90° FEMALE SWIPTUBE SWIVEL		
PART NO.	HOSE	NUT
1136-9004	200/210-04	-4
1136-9006	200/210-06	-6
1136-9008	200/210-08	-8
1136-9010	200/210-10	-10
1136-9012	200/210-12	-12
1136-9016	200/210-16	-16



180° FEMALE SWIPTUBE SWIVEL		
PART NO.	HOSE	NUT
1136-18006	200/210-06	-6
1136-18008	200/210-08	-8
1136-18010	200/210-10	-10
1136-18012	200/210-12	-12
1136-18016	200/210-16	-16



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236 Swivel Cutter Alloy Fittings for: 200, 210 Series Hose

Fitting Type: Cutter-style Re-usable
 Application: Fuel, Oil, Coolants, Methanol, Water
 To Suit Hoses: 200, 210
 Material: D
 Colour: D = Red and Blue, BK = Black, E = Electroplate

The most comprehensive range of lightweight, re-usable alloy hose ends precisely engineered to fit our 200, 210 Series Hose. Our Aerospace standard Triple Seal/Double O-ring, cutter design ensures a secure, leak free connection every time. All 236, 336 and 1136 Series Hose Ends allow for all time alignment with their 360-degree swivel ends. The 336 Series has forged style bodies, offering that added measure of strength. They are available in bright anodised red and blue.

236-60



60° FEMALE SWIPTUBE		
PART NO.	HOSE	NUT
236-6006	200/210-06	-6
236-6008	200/210-08	-8
236-6010	200/210-10	-10
236-6012	200/210-12	-12
236-6016	200/210-16	-16

90° FEMALE SWIPTUBE		
PART NO.	HOSE	NUT
236-9006	200/210-06	-6
236-9008	200/210-08	-8
236-9010	200/210-10	-10
236-9012	200/210-12	-12
236-9016	200/210-16	-16



120° FEMALE SWIPTUBE		
PART NO.	HOSE	NUT
236-1206	200/210-06	-6
236-1208	200/210-08	-8
236-12010	200/210-10	-10
236-12012	200/210-12	-12
236-12016	200/210-16	-16



150° FEMALE SWIPTUBE		
PART NO.	HOSE	NUT
236-1506	200/210-06	-6
236-1508	200/210-08	-8
236-15010	200/210-10	-10
236-15012	200/210-12	-12
236-15016	200/210-16	-16



180° FEMALE SWIPTUBE		
PART NO.	HOSE	NUT
236-1806	200/210-06	-6
236-1808	200/210-08	-8
236-18010	200/210-10	-10
236-18012	200/210-12	-12
236-18016	200/210-16	-16



Section: 03 200, 210 Series Braided Hose and Fittings

Material Key
B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium,
EN: Electroless Nickel, P: Zinc Plated Carbon Steel, T: Titanium

GOODRIDGE
FLUID TRANSFER SYSTEMS

236BK Swivel Cutter Alloy Fittings for: 200, 210 Series Hose

The most comprehensive range of lightweight, re-usable alloy hose ends precisely engineered to fit our 200, 210 Series Hose. Our Aerospace standard Triple Seal/Double O-ring, cutter design ensures a secure, leak free connection every time. All 236, 336 and 1136 Series Hose Ends allow for all time alignment with their 300-degree swivel ends. The 336 Series has forged style bodies, offering that added measure of strength. They are available in bright anodised red and blue.

236-01BK



PART NO.	HOSE	NUT
236-010BK	200/210-06	-6
236-010BK	200/210-08	-8
236-0112BK	200/210-12	-12
236-0116BK	200/210-16	-16

236-45BK



PART NO.	HOSE	NUT
236-450BK	200/210-06	-6
236-450BK	200/210-08	-8
236-4512BK	200/210-12	-12
236-4516BK	200/210-16	-16

236-90BK



PART NO.	HOSE	NUT
236-900BK	200/210-06	-6
236-900BK	200/210-08	-8
236-9010BK	200/210-10	-10
236-9012BK	200/210-12	-12
236-9016BK	200/210-16	-16

236-120BK



PART NO.	HOSE	NUT
236-1200BK	200/210-06	-6
236-1200BK	200/210-08	-8
236-12010BK	200/210-10	-10
236-12012BK	200/210-12	-12
236-12016BK	200/210-16	-16

236-150BK



PART NO.	HOSE	NUT
236-1500BK	200/210-06	-6
236-1500BK	200/210-08	-8
236-15010BK	200/210-10	-10
236-15012BK	200/210-12	-12
236-15016BK	200/210-16	-16

236-180BK



PART NO.	HOSE	NUT
236-1800BK	200/210-06	-6
236-1800BK	200/210-08	-8
236-18010BK	200/210-10	-10
236-18012BK	200/210-12	-12
236-18016BK	200/210-16	-16



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200 Series and 811 series Fuel Line Kits

Goodridge Fuel Line Kits

These products are fully assembled and ready for installation. The Kits are designed for maximum flow and ease of installation. The 200 series Fuel Line Kits are available in traditional red & blue and black anodized aluminum fittings with 200 series Nitrile rubber inner core and Stainless Steel integral and outer braid reinforcement.

The premium 811 series Fuel Line Kits use the patent pending "Female Free" brightly anodized aluminum fittings that are available in black & silver with 811

series PTFE inner core with stainless steel outer braid reinforcement. The utilization of PTFE hose does not allow the hose to degrade or allow vapor permeation. This is especially useful when using alternative fuels that tend to permeate through rubber based products. When nothing but the best will do, lightweight, improve flow characteristics, and no permeation.

For questions and/or ordering information please contact our **Customer Service Team** on **310-533-1924**

200 SERIES RED & BLUE BLACK	811 SERIES BLACK & SILVER	DESCRIPTION
4000	4000BK	-06 FUEL KIT 9.25" CENTERS 7/8X20 THREAD- SINGLE INLET - FOR HOLEY 600 & 650 CFM
4001	4001BK	-08 FUEL KIT 8.625" CENTERS 7/8X20 THREAD- SINGLE INLET - FOR HOLEY 600 & 650 CFM
4002	4002BK	-08 FUEL KIT 9.25" CENTERS 7/8X20 THREAD- DUAL INLET - FOR HOLEY 800 & 850 CFM
4003	4003BK	-08 FUEL KIT 8.625" CENTERS 7/8X20 THREAD- DUAL INLET - FOR HOLEY 600 & 650 CFM
4004	4004BK	-06 FUEL KIT 9.50" CENTERS 7/8X20 THREAD- SINGLE INLET - FOR HOLEY 4150/4150HP CARBURETTORS
4005	4005BK	-08 FUEL KIT 12.00" CENTERS 7/8X20 THREAD- SINGLE INLET - FOR HOLEY 4500 DOMINATORS® CARBURETTORS
4006	4006BK	-06 FUEL KIT 9.50" CENTERS 7/8X20 THREAD- DUAL INLET - FOR HOLEY 4150/4150HP CARBURETTORS
4007	4007BK	-08 FUEL KIT 12.00" CENTERS 7/8X20 THREAD- DUAL INLET - FOR HOLEY 4500 DOMINATORS® CARBURETTORS
4010	4010BK	-08 FUEL KIT 9.25" CENTERS 7/8X20 THREAD- SINGLE INLET - FOR HOLEY 600 & 650 CFM
4011	4011BK	-08 FUEL KIT 8.625" CENTERS 7/8X20 THREAD- SINGLE INLET - FOR HOLEY 600 & 650 CFM
4012	4012BK	-08 FUEL KIT 9.25" CENTERS 7/8X20 THREAD- DUAL INLET - FOR HOLEY 600 & 650 CFM
4013	4013BK	-08 FUEL KIT 8.625" CENTERS 7/8X20 THREAD- DUAL INLET - FOR HOLEY 600 & 650 CFM
4014	4014BK	-08 FUEL KIT 9.50" CENTERS 7/8X20 THREAD- SINGLE INLET - FOR HOLEY 4150/4150HP CARBURETTORS
4015	4015BK	-08 FUEL KIT 12.00" CENTERS 7/8X20 THREAD- SINGLE INLET - FOR HOLEY 4500 DOMINATORS® CARBURETTORS
4016	4016BK	-08 FUEL KIT 9.50" CENTERS 7/8X20 THREAD- DUAL INLET - FOR HOLEY 4150/4150HP CARBURETTORS
4017	4017BK	-08 FUEL KIT 12.00" CENTERS 7/8X20 THREAD- DUAL INLET - FOR HOLEY 4500 DOMINATORS® CARBURETTORS

910 Series Hose



811 Series Hose



200 Series Hose





Material Key
B: Brass, **C:** Stainless Steel, **CH:** Chrome Plated, **D:** Aluminium,
EN: Electroless Nickel, **P:** Zinc Plated Carbon Steel, **T:** Titanium

GOODRIDGE
 FLUID TRANSFER SYSTEMS

Hose Finisher for No-Thread Applications of: 200, 202, 210 & 536 Hoses

Application:
 Fuel, Oil, Coolants, Water
Material / Construction:
 Anodised aluminium with stainless steel gear drive clamp
 *Anodised Aluminium
Colour: DBU = Blue, DCH = Chrome, DR = Red

When your hoses are not exposed to pressures or working environments that demand our race ready 1136, 236 or 336 Series Hose Ends our hose finishers are just what you need. These 536-Series Hose Finishers hide a 100% stainless steel Clear Drive Hose Clamp, giving the look of racing fittings at an affordable price.

336 BLUE HOSE FINISHER

PART NO.	200/210 HOSE	202 HOSE
936-040BU	-4 & -5	-4
936-060BU	-6 & -7	-5 & -6
936-080BU	-8	
936-100BU	-10	
936-120BU	-12	
936-160BU	-16	



336 RED HOSE FINISHER

PART NO.	200/210 HOSE	202 HOSE
936-04DR	-4 & -5	-4
936-06DR	-6 & -7	-5 & -6
936-08DR	-8	
936-10DR	-10	
936-12DR	-12	
936-16DR	-16	



336 SILVER HOSE FINISHER

PART NO.	200/210 HOSE	202 HOSE
936-04DCH	-4 & -5	-4
936-06DCH	-6 & -7	-5 & -6
936-08DCH	-8	
936-10DCH	-10	
936-12DCH	-12	
936-16DCH	-16	



Assembly Instructions for 1136, 236 & 336 Series Fittings & 200, 210 Series Hose

<p>STEP 1 Blind masking tape lightly around the hose at the required length and cut through using a fine tooth saw blade or cut off wheel, leaving tape on both ends so that it retains the braid. Clean any debris from both the cut ends and inside the hose.</p>	<p>STEP 2 SOCKET (RED) MAIN FITTING BODY (BLUE) On a clean flat surface disassemble the fitting. This consists of two parts.</p>	<p>STEP 3 Hold the socket in a smooth jaw vice and feed one end of the hose into the socket by turning clockwise and pushing until the hose finishes just behind the socket threads.</p>	<p>STEP 4 Holding the main fitting body in the vice, lubricate the thread and push the hose and socket over the nipple end and start to thread the socket onto the fitting by hand.</p>
<p>STEP 5 Finish tightening the socket onto the fitting using a good quality wrench until the socket is one full turn from the back of the fitting hex.</p>		<p>STEP 6 PRESSURE TEST.</p>	

04

536 Push Fit Hose and Fittings
 185 Power Steering Hose and Fittings

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Section: 04

536 Push Fit Hose and Fittings / 185 Power Steering Hose and Fittings

Material Key
B: Brass, **C:** Stainless Steel, **CH:** Chrome Plated, **D:** Aluminium,
EN: En853 Brass Nickel, **P:** P/Alc / Plated Carbon Steel, **T:** Titanium

GOODRIDGE
 FLUID TRANSFER SYSTEMS

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536 Hose

Application:
 Fuel, Oil, Coolants, Air, Water
Material / Construction:
 Textile reinforced rubber with
 elastomer cover

Temperature Range:
 -40°C (-40°F) to 100°C (212°F)

***Note:**
 NOT suitable for all fuel types.
 Please contact Goodridge

Goodridge Push Fit 536 Series Hose is an exclusive product manufactured with a special reinforced internal textile braiding and blue elastomer cover. This high quality hose is designed for use in lower pressure applications with our new range of 536 Series Push Fit Hose Ends. When the superior performance of stainless braided Ni hose is not required, Push Fit is an excellent choice offering high quality, reliability, durability and affordability. (not recommended for suction systems)

PART NO.	BORE SIZE		Braid O.D.		WORK PRESS.		BURST PRESS.		WEIGHT		MIN BEND RADIUS	
	MM	IN	MM	IN	PSI	BAR	PSI	BAR	KG/M	LB/FT	MM	IN
536-04	6.35	0.250	12.70	0.500	246.56	17	1000	69	0.10	0.070	76.20	3.00
536-06	9.52	0.375	15.87	0.620	246.56	17	1000	69	0.16	0.107	76.20	3.00
536-08	12.70	0.500	19.05	0.750	246.56	17	1000	69	0.22	0.148	127.00	5.00
536-10	15.87	0.625	23.00	0.900	246.56	17	1000	69	0.30	0.202	152.40	6.00
536-12	19.05	0.750	26.19	1.030	246.56	17	1000	69	0.36	0.242	177.80	7.00

PART NO.	HOSE SERIES	LENGTH	HOSE SERIES		LENGTH
			HOSE SERIES	LENGTH	
2060	536-04 (BU)	BULK	536-10 (BU)	6'	
2061	536-04 (BK)	BULK	536-10 (BU)	10'	
2062	536-04 (BU)	3'	536-10 (BU)	15'	
2063	536-04 (BU)	6'	536-12 (BK)	BULK	
2064	536-04 (BU)	10'	536-12 (BU)	BULK	
2065	536-04 (BU)	15'	536-12 (BK)	BULK	
2066	536-04 (BU)	20'	536-12 (BU)	3'	
2067	536-06 (BU)	BULK	536-12 (BU)	6'	
2068	536-06 (BK)	BULK	536-12 (BU)	10'	
2069	536-06 (BU)	3'	536-12 (BU)	15'	
2070	536-06 (BU)	6'	536-12 (BU)	20'	
2071	536-06 (BU)	10'	536-12 (BU)	BULK	
2072	536-06 (BK)	BULK	536-12 (BU)	BULK	
2073	536-10 (BU)	3'	536-10 (BU)	BULK	

Application:
 Fuel, Oil, Coolants, Air, Water
Material / Construction:
 Textile reinforced rubber with
 elastomer cover

Temperature Range:
 -40°C (-40°F) to 100°C (212°F)

***Note:**
 NOT suitable for all fuel types.
 Please contact Goodridge

Goodridge Push Fit 536 Series Hose is an exclusive product manufactured with a special reinforced internal textile braiding and black elastomer cover. This high quality hose is designed for use in lower pressure applications with our new range of 536 Series Push Fit Hose Ends. When the superior performance of stainless braided Ni hose is not required, Push Fit is an excellent choice offering high quality, reliability, durability and affordability. (not recommended for suction systems)


PART NO.	BORE SIZE		Braid O.D.		WORK PRESS.		BURST PRESS.		WEIGHT		MIN BEND RADIUS	
	MM	IN	MM	IN	PSI	BAR	PSI	BAR	KG/M	LB/FT	MM	IN
536-04B	6.35	0.250	12.70	0.500	246.56	17	1000	69	0.10	0.070	76.20	3.00
536-06B	9.52	0.375	15.87	0.620	246.56	17	1000	69	0.16	0.107	76.20	3.00
536-08B	12.70	0.500	19.05	0.750	246.56	17	1000	69	0.22	0.148	127.00	5.00
536-10B	15.87	0.625	23.00	0.900	246.56	17	1000	69	0.30	0.202	152.40	6.00
536-12B	19.05	0.750	26.19	1.030	246.56	17	1000	69	0.36	0.242	177.80	7.00


Push Fit Aluminum Hose Fittings for: 536 Hose


Fitting Type:


A complete range of 536 Series Push Fit Hose Ends have been designed and manufactured to match our 536 Series Hose. All 536 Series Push Fit Hose Ends are manufactured to the same high standards as our Red and Blue alloy hose ends. The Goodridge developed Sure Lock barbed end securely locks into the hose, giving a cost effective, safe and reliable connection. Once pushed on, you will have to cut it off. Great for all low pressure applications and breathers.


Application:
 Fuel, Oil, Water, Air, Coolants
To Suit Hose:
536
Material: D
Colour: BU = Blue, BK = Black


536-01	PART NO.	HOSE	MIT
	536-0004	536-04	-4
	536-0006	536-06	-6
	536-0008	536-08	-8
	536-0010	536-10	-10
	536-0012	536-12	-12


536-45	PART NO.	HOSE	MIT
	536-4504	536-04	-4
	536-4506	536-06	-6
	536-4508	536-08	-8
	536-4510	536-10	-10
	536-4512	536-12	-12

536-120	PART NO.	HOSE	MIT
	536-12004	536-04	-4
	536-12006	536-06	-6
	536-12008	536-08	-8
	536-12010	536-10	-10
	536-12012	536-12	-12

536-180	PART NO.	HOSE	MIT
	536-18004	536-04	-4
	536-18006	536-06	-6
	536-18008	536-08	-8
	536-18010	536-10	-10
	536-18012	536-12	-12

536-45E	PART NO.	HOSE	MIT
	536-4500E	536-06	-6

536-90E	PART NO.	HOSE	MIT
	536-9000E	536-06	-6

536-01E	PART NO.	HOSE	MIT
	536-0100E	536-06	-6

Section: 04

536 Push Fit Hose and Fittings / 185 Power Steering Hose and Fittings

Material Key
B: Brass, **C:** Stainless Steel, **CH:** Chrome Plated, **D:** Aluminum,
EN: Enriched Nickel, **P:** Zinc Plated Carbon Steel, **T:** Titanium

GOODRIDGE
 FLUID TRANSFER SYSTEMS

Push Fit Hose Aluminum Fittings DBK (Black) for: 536 Hose

STRAIGHT FEMALE CONCAVE SEAT			
PART NO.	HOSE	NUT	
536-010DBK	536-04	-4	
536-0106DBK	536-06	-6	
536-0108DBK	536-08	-8	
536-0110DBK	536-10	-10	
536-0112DBK	536-12	-12	



45° SWEEP TUBE FEMALE CONCAVE SEAT			
PART NO.	HOSE	NUT	
536-450DBK	536-04	-4	
536-4506DBK	536-06	-6	
536-4508DBK	536-08	-8	
536-4510DBK	536-10	-10	
536-4512DBK	536-12	-12	

90° SWEEP TUBE FEMALE CONCAVE SEAT			
PART NO.	HOSE	NUT	
536-900DBK	536-04	-4	
536-9006DBK	536-06	-6	
536-9008DBK	536-08	-8	
536-9010DBK	536-10	-10	
536-9012DBK	536-12	-12	



120° SWEEP TUBE FEMALE CONCAVE SEAT			
PART NO.	HOSE	NUT	
536-1200DBK	536-04	-4	
536-12006DBK	536-06	-6	
536-12008DBK	536-08	-8	
536-12010DBK	536-10	-10	
536-12012DBK	536-12	-12	

150° SWEEP TUBE FEMALE CONCAVE SEAT			
PART NO.	HOSE	NUT	
536-1500DBK	536-04	-4	
536-15006DBK	536-06	-6	
536-15008DBK	536-08	-8	
536-15010DBK	536-10	-10	
536-15012DBK	536-12	-12	



180° SWEEP TUBE FEMALE CONCAVE SEAT			
PART NO.	HOSE	NUT	
536-1800DBK	536-04	-4	
536-18006DBK	536-06	-6	
536-18008DBK	536-08	-8	
536-18010DBK	536-10	-10	
536-18012DBK	536-12	-12	

Assembly Instructions for TF-TU25 & 536 Hose & Push Fit Fittings

	STEP 1	<p>Cut hose at the required length using a fine tooth saw blade or cut of wheel. Clean any loose debris from both the cut ends and inside the hose.</p>
	STEP 2	<p>Hold the fitting in a bench vice, lubricate the fitting tail and inside the hose. (to make for easier fitting gently heat the hose with a hot air gun).</p>
	STEP 3	<p>Push the hose over the fitting tail until it is tight behind the red hose finisher.</p>
	STEP 4	<p>Please Note: Straight female fittings require the use of a male adaptor during hose assembly to stop the fitting tail turning.</p>

**STREET
 PERFORMANCE
 & RACING**

185 Power Steering Hose

Used primarily in racing and marine power steering applications our 185 Series Hose is an excellent choice for a cost effective system. Designed to be used with re-usable steel fittings, this hose is constructed with a synthetic rubber outer with an oil resisting steamless rubber compound inner reinforced with a one wire braid. It is compatible with oils and hydraulic fluids.

Application :
 Power Steering
Material / Construction :
 Synthetic rubber outer with an oil resisting steamless rubber compound inner reinforced with a one wire braid.
Temperature Range :
 -40°C (-40°F) to 93°C (199°F)

PART NO.	BORE SIZE		BRAID O.D.		WORK PAGES		Burst PAGES		WEIGHT		MIN BEND RADIUS	
	MM	IN	MM	IN	PSI	BAR	PSI	BAR	KG/M	LB/FT	MM	IN
185-06	10.00	3/8	19.8	0.78	2610	180	10440	720	0.342	0.253	130	5.11
185-10	16.00	5/8	26.2	1.03	1885	130	7540	520	0.580	0.39	200	7.87



Hose Fittings for: 185 Power Steering Hose

Fitting Type :
 Push Fit
Application :
 Power Steering
To Suit Hose :
 185
Material : P

These fittings in JIC/NF Female are engineered to operate with our 185 Series Hose for power steering applications. Manufactured of carbon steel, these re-usable type fittings are the perfect choice for a cost effective alternative to our 600HP Series.

STRAIGHT FEMALE		
PART NO.	HOSE	NUT
185-0106	185-06	-6
185-0108	185-08	-8
185-0110	185-10	-10



45° TUBE FEMALE		
PART NO.	HOSE	NUT
185-4906	185-06	-6
185-4908	185-08	-8
185-4910	185-10	-10



90° TUBE FEMALE		
PART NO.	HOSE	NUT
185-9006	185-06	-6
185-9008	185-08	-8
185-9010	185-10	-10



POWER STEERING ADAPTOR			
PART NO.	THREAD A	NUT B	DESCRIPTION
185001	1/2 X 20 INV	-06	PS ADAPTER
185002	5/8 X 18 INV	-06	9/16 SPS BOX
185003	11/16 X 18 INV	-06	9/16 SPS BOX
185004	M14 X 1.50	-06	O-RING STYLE
185005	M16 X 1.50	-06	9/16 SPS BOX O-RING
185006	M16 X 1.50	-06	9/16 SPS BOX O-RING





05

600, 700 Series Smoothbore

**STREET
PERFORMANCE
& RACING**

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GOODRIDGE
PERFORMANCE BRAKELINES

GOODRIDGE TOP 75 G-STOP KITS

Kit #	Year	Make	Model	Year	Make	Model	Year	Make	Model
1	2000	Ford	Mustang	2000	Ford	Mustang	2000	Ford	Mustang
2	2001	Ford	Mustang	2001	Ford	Mustang	2001	Ford	Mustang
3	2002	Ford	Mustang	2002	Ford	Mustang	2002	Ford	Mustang
4	2003	Ford	Mustang	2003	Ford	Mustang	2003	Ford	Mustang
5	2004	Ford	Mustang	2004	Ford	Mustang	2004	Ford	Mustang
6	2005	Ford	Mustang	2005	Ford	Mustang	2005	Ford	Mustang
7	2006	Ford	Mustang	2006	Ford	Mustang	2006	Ford	Mustang
8	2007	Ford	Mustang	2007	Ford	Mustang	2007	Ford	Mustang
9	2008	Ford	Mustang	2008	Ford	Mustang	2008	Ford	Mustang
10	2009	Ford	Mustang	2009	Ford	Mustang	2009	Ford	Mustang
11	2010	Ford	Mustang	2010	Ford	Mustang	2010	Ford	Mustang
12	2011	Ford	Mustang	2011	Ford	Mustang	2011	Ford	Mustang
13	2012	Ford	Mustang	2012	Ford	Mustang	2012	Ford	Mustang
14	2013	Ford	Mustang	2013	Ford	Mustang	2013	Ford	Mustang
15	2014	Ford	Mustang	2014	Ford	Mustang	2014	Ford	Mustang
16	2015	Ford	Mustang	2015	Ford	Mustang	2015	Ford	Mustang
17	2016	Ford	Mustang	2016	Ford	Mustang	2016	Ford	Mustang
18	2017	Ford	Mustang	2017	Ford	Mustang	2017	Ford	Mustang
19	2018	Ford	Mustang	2018	Ford	Mustang	2018	Ford	Mustang
20	2019	Ford	Mustang	2019	Ford	Mustang	2019	Ford	Mustang
21	2020	Ford	Mustang	2020	Ford	Mustang	2020	Ford	Mustang
22	2021	Ford	Mustang	2021	Ford	Mustang	2021	Ford	Mustang
23	2022	Ford	Mustang	2022	Ford	Mustang	2022	Ford	Mustang
24	2023	Ford	Mustang	2023	Ford	Mustang	2023	Ford	Mustang
25	2024	Ford	Mustang	2024	Ford	Mustang	2024	Ford	Mustang

G-STOP
BRAKELINE KITS

G-STOP kits are Constructed from the finest quality hose, consisting of a PTFE inner and stainless steel overbraid.

- ELIMINATES SPONGINESS UNDER HEAVY BRAKING
- INCREASES BRAKING EFFICIENCY
- ABRASION AND CORROSION RESISTANT

Section: 05
600, 700 Series Smoothbore

Material Key
B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium,
EN: Electroless Nickel, P: Zinc Plated Carbon Steel, T: Titanium



600 Series Hose -02 To -04
for: Brake and Clutch

Application:
Brake, clutch, hydraulics
Material / Construction:
Outer cover Corrosion and fire resistant stainless steel braid, PTFE inner tube compatible with all brake and clutch fluids.
600-03 Hose is also available with abrasion resistant covers in a range of different colours for easy identification, ease of cleaning and cosmetic appearance.

600-03 Colours:	BK	SB	CB	CL	CLG	GN	RD	YE	OR	EB
	Black (BK) Blue (SB) Carbon (CB) Clear (CL) Clear with print (CLG) Green (GN) Red (RD) Yellow (YE) Orange (OR) Electric Blue (EB)									

High speed, constant rapid gear changes and heavy braking put great strains on competition hydraulic systems, where failure can be disastrous. 600 series hose strongly resists expansion under high pressure and temperature, provides consistent brake and clutch pedal pressure giving firmer and more efficient operation without that spongy feeling. Further protection against abrasion and wear, these hoses are also recommended for road.

for all pressure gauge lines and fire extinguisher systems. Use dash size 3 for most braking systems and dash size 3 or 4 for clutch systems. Dash 2 hose is the smallest brake hose available. Its micro-bore construction can give increased line pressure and more responsive and sensitive brake feel. Excellent for all 4 and 2 wheel braking applications whether for the circuit or road.



PART NO	BORE SIZE		WALL		BRAID	PTE	COVER O/D	COVER ID	WORKING PRESS		BURST PRESS		TEMPERATURE		MIN BEND RAD					
	MM	INCH	MM	INCH					MM	INCH	MM	INCH	MIN	MAX	MIN	MAX	MM	INCH		
600-02	2.0	0.079	1.0	0.039	5.0	0.197	-	-	450	6526	1330	19590	0.045	0.03	-70°C (-94°F)	260°C (500°F)	13	0.511		
600-03	3.5	0.138	1.0	0.039	6.45	0.254	0.5	0.019	77.5	0.295	290	4206	870	12618	0.050	0.04	-70°C (-94°F)	260°C (500°F)	38	1.496
600-03BK	3.5	0.138	1.0	0.039	6.45	0.254	0.5	0.019	77.5	0.295	290	4206	870	12618	0.050	0.05	-20°C (-4°F)	85°C (185°F)	38	1.496
600-03SB	3.5	0.138	1.0	0.039	6.45	0.254	0.5	0.019	77.5	0.295	290	4206	870	12618	0.050	0.05	-20°C (-4°F)	85°C (185°F)	38	1.496
600-03CB	3.5	0.138	1.0	0.039	6.45	0.254	0.5	0.019	77.5	0.295	290	4206	870	12618	0.050	0.05	-20°C (-4°F)	85°C (185°F)	38	1.496
600-03CL	3.5	0.138	1.0	0.039	6.45	0.254	0.5	0.019	77.5	0.295	290	4206	870	12618	0.050	0.05	-20°C (-4°F)	85°C (185°F)	38	1.496
600-03CLG	3.5	0.138	1.0	0.039	6.45	0.254	0.5	0.019	77.5	0.295	290	4206	870	12618	0.050	0.05	-20°C (-4°F)	85°C (185°F)	38	1.496
600-03EN	3.5	0.138	1.0	0.039	6.45	0.254	0.5	0.019	77.5	0.295	290	4206	870	12618	0.050	0.05	-20°C (-4°F)	85°C (185°F)	38	1.496
600-03OR	3.5	0.138	1.0	0.039	6.45	0.254	0.5	0.019	77.5	0.295	290	4206	870	12618	0.050	0.05	-20°C (-4°F)	85°C (185°F)	38	1.496
600-03YE	3.5	0.138	1.0	0.039	6.45	0.254	0.5	0.019	77.5	0.295	290	4206	870	12618	0.050	0.05	-20°C (-4°F)	85°C (185°F)	38	1.496
600-04	5.0	0.197	0.76	0.030	7.65	0.301	-	-	880	4061	840	12183	0.075	0.05	-70°C (-94°F)	260°C (500°F)	50	1.968		

600 Series Hose -02 To -04
Packaged Parts

PART NO	HOSE SERIES	LENGTH
3001	600-02	BULK
3001	600-03	BULK
3002	600-03	3'
3003	600-03	6'
3004	600-03	10'
3005	600-03	15'
3006	600-03	20'
3010	600-04	BULK
3011	600-04	3'

PART NO	HOSE SERIES	LENGTH
3025	600-06	15'
3024	600-06	20'
3030	600-08	BULK
3031	600-08	3'
3032	600-08	6'
3033	600-08	10'
3034	600-08	15'
3035	600-08	20'

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JIC/UNF Re-usable Hose Fittings
for: 600 Hose

Fitting Type:
Re-usable
Application:
Brake / Clutch
To Suit Hose:
600 series

Material: P, CH, C, T, D

P = Zinc Plated Carbon Steel
CH = Chrome Plated
C = Stainless Steel
T = Titanium
D = Anodised Aluminium

6680		90° DOUBLE SWIVEL CONCAVE SEAT	PART NO.	MATERIAL	HOSE/NUT
6690-02			6690-02	C	-2/-2
6690-03			6690-03	P, C	-3/-3
6690-04			6690-04	C, D	-4/-4
6690-31			6690-31	C	-03/MI D X 1.00
6046		45° SWEPT TUBE FEMALE CONCAVE SEAT	PART NO.	MATERIAL	HOSE/NUT
6046-03*			6046-03*	C, CH, D, P	-3/-3
6046-04*			6046-04*	P, C, D	-4/-4
6081		90° SWEPT TUBE FEMALE CONCAVE SEAT	PART NO.	MATERIAL	HOSE/NUT
6081-03*			6081-03*	C, CH, D, P	-3/-3
6081-04*			6081-04*	C, CH, D, P	-4/-4
6120		120° SWEPT TUBE FEMALE	PART NO.	MATERIAL	HOSE/NUT
6120-06			6120-06	D	-6/-6
6120-08			6120-08	D	-8/-8
6150		150° SWEPT TUBE FEMALE	PART NO.	MATERIAL	HOSE/NUT
6150-06			6150-06	D	-6/-6
6150-08			6150-08	D	-8/-8
6180		180° SWEPT TUBE FEMALE	PART NO.	MATERIAL	HOSE/NUT
6180-06			6180-06	D	-6/-6
6180-08			6180-08	D	-8/-8

STRAIGHT FEMALE CONCAVE SEAT			45° FORGED FEMALE CONCAVE SEAT			90° FORGED FEMALE CONCAVE SEAT			45° DOUBLE SWIVEL CONCAVE SEAT		
PART NO.	MATERIAL	HOSE/NUT	PART NO.	MATERIAL	HOSE/NUT	PART NO.	MATERIAL	HOSE/NUT	PART NO.	MATERIAL	JIC/UNF THREAD
6001-02	C/T	-2/-2	6045-02	C/T	-2/-2	6090-02	C, T	-2/-2	6645-02	C	-2/-2
6001-02-03	C/T	-2/-3	6045-02-03	C	-2/-3	6090-02-03	C	-2/-3	6645-02-03	C	-2/-3
6001-03*	C, CH, D, P	-3/-3	6045-03*	P, C, D	-3/-3	6090-03*	P, C, D	-3/-3	6645-03	P, C	-3/-3
6001-03-04	C	-3/-4	6045-04	D	-4/-4	6090-04	D	-4/-4	6645-04	C	-4/-4

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Section: 05 600, 700 Series Smoothbore

Material Key
B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium,
EN: Electroless Nickel, P: Zinc Plated Carbon Steel, T: Titanium

GOODRIDGE
FLUID TRANSFER SYSTEMS

Re-usable Banjo Hose Fittings for: 600 Hose

Fitting Type :
Re-usable
Application :
Brake / Clutch
To Suit Hose :
600 series

Material: P, CH, C, T, D

P = Zinc Plated Carbon Steel
CH = Chrome Plated
C = Stainless Steel
T = Titanium
D = Anodised Aluminium

5091



PART NO.	BANJO		MATERIAL	HOSE SIZE
	TO SUIT BOLT	TO SUIT BOLT		
5091-02-03	3/8, 10MM	C, T	C, T	-2
5091-03-03	3/8, 10MM	C, CH, D, P	C, CH, D, P	-3
5091-03-04	7/16	P, CH, C	P, CH, C	-4
5091-04-03	3/8, 10MM	P	P	-4
5091-04-04	7/16	D	D	-4

5092



PART NO.	BANJO STRAIGHT EXTENDED NECK		MATERIAL	HOSE SIZE
	TO SUIT BOLT	TO SUIT BOLT		
5092-02	5/16, 8MM	C, T	C, T	-2
5092-02-03	3/8, 10MM	C, T	C, T	-2
5092-03-02	5/16, 8MM	C, CH, D, P	C, CH, D, P	-3
5092-03-03	3/8, 10MM	C, CH, D, P	C, CH, D, P	-3
5092-03-04	3/8, 10MM	D (S/WEL)	D (S/WEL)	-3
5092-03-04	7/16	CH, C, P	CH, C, P	-3
5092-03-12	12MM	C, CH	C, CH	-3

5093



PART NO.	20° BANJO EXTENDED NECK		MATERIAL	HOSE SIZE
	TO SUIT BOLT	TO SUIT BOLT		
5093-02	5/16, 8MM	C, T	C, T	-2
5093-02-03	3/8, 10MM	C, T	C, T	-2
5093-03-03	3/8, 10MM	C, CH, D, P	C, CH, D, P	-3
5093-03-04	7/16	CH, C, P	CH, C, P	-3
5093-03-04	3/8, 10MM	D (S/WEL)	D (S/WEL)	-3
5093-03-12	12MM	C, CH	C, CH	-3

5094



PART NO.	45° BANJO EXTENDED NECK		MATERIAL	HOSE SIZE
	TO SUIT BOLT	TO SUIT BOLT		
5094-02-03	3/8, 10MM	C	C	-2
5094-03	3/8, 10MM	C, CH, D, P	C, CH, D, P	-3



PART NO.	STRAIGHT TWIN BANJO		MATERIAL	HOSE SIZE
	TO SUIT BOLT	TO SUIT BOLT		
5095-03-04	7/16	P	P	-3
5095-03	3/8, 10MM	C, P	C, P	-3



PART NO.	BANJO SIDE 20° EXTENDED NECK		MATERIAL	HOSE SIZE
	TO SUIT BOLT	TO SUIT BOLT		
5096-02-03	3/8, 10MM	C	C	-2
5096-03	3/8, 10MM	C	C	-3



PART NO.	BANJO SIDE 20° EXTENDED NECK		MATERIAL	HOSE SIZE
	TO SUIT BOLT	TO SUIT BOLT		
5097-02	5/16, 8MM	C	C	-2
5097-03	3/8, 10MM	C, CH, D, P	C, CH, D, P	-3



PART NO.	BANJO TWIN EXTENDED NECK		MATERIAL	HOSE SIZE
	TO SUIT BOLT	TO SUIT BOLT		
5098-03	3/8, 10MM	C, CH, D, P	C, CH, D, P	-3



PART NO.	BANJO 70° EXTENDED NECK		MATERIAL	HOSE SIZE
	TO SUIT BOLT	TO SUIT BOLT		
5070-03	3/8, 10MM	C, CH, P	C, CH, P	-3



PART NO.	BANJO 90° EXTENDED NECK		MATERIAL	HOSE SIZE
	TO SUIT BOLT	TO SUIT BOLT		
5099-03	3/8, 10MM	C, CH, D, P	C, CH, D, P	-3
5099-03-04	7/16	CH	CH	-3



PART NO.	BANJO SIDE 90° EXTENDED NECK		MATERIAL	HOSE SIZE
	TO SUIT BOLT	TO SUIT BOLT		
5098S-03	3/8, 10MM	P, C	P, C	-3

Application :
Brake, clutch, hydraulics
Material / Construction :
Light weight, flexible and extremely
strong woven Aramid Fibre outer braid,
PTFE inner tube compatible with all
brake and clutch fluids.

Colour : BK BU RD

BK = Black, BU = Blue, RD = Red

Please Note :

700 series for competition use only



700 Series Hoses is used for lightweight
brake and wing line assemblies. This
hose can be used with various ends
ranging from aluminium through stainless,
but these assemblies must be crimped
by Goodridge or an approved Goodridge
Technical Center.

Please contact Goodridge for additional
information of these products. Goodridge
Technical Centers can build lines to your
exact specifications and are located in
several regions for fast service.

PART NO	BORE SIZE		PTFE WALL		BRAND O.D.		COVER WALL		COVER O.D.		WORKING PRESS		BURST PRES		WEIGHT		TEMPERATURE	
	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	BAR	PSI	MM	INCH	MM	INCH	MIN	MAX
700K-03	3.5	0.138	1.0	0.039	0.5	0.019	0.77	0.030	200	2900	600	8702	0.044	0.003	45°C (149°)	70°C (258°)	38	1.436
700K-03BK	3.5	0.138	1.0	0.039	0.5	0.019	0.77	0.030	200	2900	600	8702	0.044	0.003	20°C (68°)	85°C (353°)	38	1.436
700K-03BU	3.5	0.138	1.0	0.039	0.5	0.019	0.77	0.030	200	2900	600	8702	0.044	0.003	20°C (68°)	85°C (353°)	38	1.436
700K-03RD	3.5	0.138	1.0	0.039	0.5	0.019	0.77	0.030	200	2900	600	8702	0.044	0.003	20°C (68°)	85°C (353°)	38	1.436
700K-04BK	5.0	0.197	0.76	0.030	0.2	0.008	0.9	0.035	150	2175	450	6526	0.074	0.005	-20°C (-4°)	85°C (353°)	50	1.968

Assembly Instructions for Re-usable 600 Series (PTFE Smooth Bore) Hose & Fittings

STEP 1
Using a tooth saw blade or cut off
wheel, cut hose to the required length.
Clean any loose debris from both the cut
ends and inside the hose

STEP 2
Main fitting body - Olive - Socket
On a clean flat surface disassemble the
fitting, this consists of 3 parts, the Main
fitting body, Olive and Socket.

STEP 3
Push two sockets back to back over the
overbraid working from the non flared
end

STEP 4
Using an appropriate sized Goodridge
manril, flare out both ends of the
stainless steel overbraid from the PTFE
inner tube

STEP 5
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.

STEP 6
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.

STEP 7
Finish tightening the socket onto the
fitting with a good quality spanner, until
the socket is one full turn from the main
fitting hex.

**UNDER NO CIRCUMSTANCES SHOULD
THE SOCKET BE LOOSENED IN AN
ATTEMPT TO ADJUST THE ALIGNMENT
AFTER ASSEMBLY**

PRESSURE TEST.



Section: 05
600, 700 Series Smoothbore

Material Key
B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminum,
EN: Enriched Nickel, P: Zinc Plated Carbon Steel, T: Titanium



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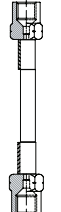
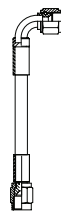
Hose Assemblies -3

-03 AN FEMALE TO -03 FEMALE TUBE		-03 AN FEMALE TO -03 45° FEMALE TUBE	
DOT P/N	RACING P/N	DOT P/N	RACING P/N
93110	3110	93410	3410
93112	3112	93412	3412
93114	3114	93414	3414
93115	3115	93415	3415
93116	3116	93416	3416
93117	3117	93417	3417
93118	3118	93418	3418
93119	3119	93419	3419
93120	3120	93420	3420
93122	3122	93422	3422
93124	3124	93424	3424
93128	3128	93428	3428
93132	3132	93432	3432
93136	3136	93436	3436
93140	3140	93440	3440
93144	3144	93444	3444
93148	3148	93448	3448

Hose Assemblies -4 and Metric Assemblies

-04 FEMALE TO -04 FEMALE		-04 FEMALE TO -04 45° TUBE	
RACING P/N	LENGTH	RACING P/N	LENGTH
4110	10"	4410	10"
4112	12"	4412	12"
4114	14"	4414	14"
4115	15"	4415	15"
4116	16"	4416	16"
4117	17"	4417	17"
4118	18"	4418	18"
4119	19"	4419	19"
4120	20"	4420	20"
4122	22"	4422	22"
4124	24"	4424	24"
4128	28"	4428	28"
4132	32"	4432	32"
4136	36"	4436	36"
4140	40"	4440	40"
4144	44"	4444	44"
4148	48"	4448	48"

-04 FEMALE TO -04 90° TUBE		10MM X 1.0 CONCAVE FEMALE TO 10MM X 1.0 CONCAVE FEMALE	
RACING P/N	LENGTH	DOT P/N	RACING P/N
4910	10"	93312	3312
4912	12"	93318	3318
4914	14"	93320	3320
4915	15"	93324	3324
4916	16"	93326	3326
4917	17"	93336	3336
4918	18"	93338	3338
4919	19"	93340	3340
4920	20"	93344	3344
4922	22"	93348	3348
4924	24"	93352	3352
4926	26"	93356	3356
4928	28"	93360	3360
4930	30"	93364	3364
4932	32"	93368	3368
4934	34"	93372	3372
4936	36"	93376	3376
4938	38"	93380	3380
4940	40"	93384	3384
4944	44"	93388	3388
4948	48"	93392	3392



-03 FEMALE TO -03 90° FEMALE TUBE		-03 AN FEMALE TO 10MM / 3/8 IN. NECK BANJO	
DOT P/N	RACING P/N	DOT P/N	RACING P/N
93910	3910	93212	3212
93912	3912	93218	3218
93914	3914	93220	3220
93915	3915	93224	3224
93916	3916	93236	3236
93917	3917		
93918	3918		
93919	3919		
93920	3920		
93922	3922		
93924	3924		
93926	3926		
93932	3932		
93936	3936		
93940	3940		
93944	3944		
93948	3948		

-04 FEMALE TO 10MM / 3/8 IN. NECK BANJO		-03 AN FEMALE TO 10MM / 7/16 IN. EXT. NECK BANJO	
DOT P/N	RACING P/N	DOT P/N	RACING P/N
93312	3312	93612	3612
93318	3318	93618	3618
93320	3320	93620	3620
93324	3324	93624	3624
93326	3326	93636	3636

10MM X 1.0 CONCAVE FEMALE TO 10MM X 1.0 CONCAVE FEMALE		10MM X 1.0 CONCAVE FEMALE TO 10MM X 1.0 CONCAVE FEMALE	
DOT P/N	RACING P/N	DOT P/N	RACING P/N
93312	3312	93712	3712
93318	3318	93718	3718
93320	3320	93720	3720
93324	3324	93724	3724
93336	3336	93736	3736

-03 AN FEMALE TO 12MM / 7/16 IN. EXT. NECK BANJO		-03 AN FEMALE TO 10MM / 7/16 IN. EXT. NECK BANJO	
DOT P/N	RACING P/N	DOT P/N	RACING P/N
93512	3512	93612	3612
93518	3518	93618	3618
93520	3520	93620	3620
93524	3524	93624	3624
93536	3536	93636	3636

-03 AN FEMALE TO 10MM / 3/8 IN. NECK BANJO		-03 AN FEMALE TO 10MM / 7/16 IN. EXT. NECK BANJO	
DOT P/N	RACING P/N	DOT P/N	RACING P/N
93212	3212	93612	3612
93218	3218	93618	3618
93220	3220	93620	3620
93224	3224	93624	3624
93236	3236	93636	3636

-03 AN FEMALE TO 10MM / 3/8 IN. NECK BANJO		-03 AN FEMALE TO 10MM / 7/16 IN. EXT. NECK BANJO	
DOT P/N	RACING P/N	DOT P/N	RACING P/N
93212	3212	93612	3612
93218	3218	93618	3618
93220	3220	93620	3620
93224	3224	93624	3624
93236	3236	93636	3636

Note: If you do not find an assembly to meet your needs, we will custom make an assembly to any length and with any fitting configuration. Please call your Goodridge Sales Rep for assistance.

06

Adaptors

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Section: 06
Adaptors

Material Key
B: Brass, C: Stainless Steel, CH: Chrome Plated, D: Aluminium,
EN: Electroless Nickel, P: Zinc Plated Carbon Steel, T: Titanium



AN's and Adaptors

Our international position allows us to offer the worlds widest and most diverse range of AN's and adaptors at economic prices. Whether it is a true AN or a metric adaptor, Goodridge provides the natural link from one thread to another. All Goodridge adaptors are manufactured to the highest possible specifications, metric adaptors meet the ISO specification, other adaptors are manufactured to the correct AN specification where such a specification exists. No company carries more thread applications. Our international customers require it.

JIC To JIC Equal Thread

Filing Type :
Adaptor
Material : P, CH, C, D, DE

AN REFERENCE CHART

	-AN SIZE	JIC/MF THREAD	JIC/MF THREAD
2	5/16 X 24	8	3/4 X 16
3	3/8 X 24	10	7/8 X 14
4	7/16 X 20	12	1 1/16 X 12
5	1/2 X 20	16	1 5/16 X 12
6	9/16 X 18	20	1 5/8 X 12
7	5/8 X 18	24	1 7/8 X 12

AN804

PART NO.	BULKHEAD TEE OR RUN		THREAD
	MATERIAL	JIC/MF THREAD	
AN804-03	D, C, P	-3	
AN804-04-03-04	D	-4	
AN804-04	D, C, P	-4	
AN804-06	D, C, P	-6	
AN804-08	D	-8	
AN804-10	D	-10	
AN804-12	D	-12	
AN804-16	D	-16	



AN806

PART NO.	PLUG		THREAD
	MATERIAL	JIC/MF THREAD	
AN806-02	D	-2	
AN806-03	D, DR, C, P	-3	
AN806-04	D, DR, C, P	-4	
AN806-05	D, P	-5	
AN806-06	D, DR, DRD, C, P	-6	
AN806-07	D	-7	
AN806-08	D, DR, P	-8	
AN806-10	D, DR, P	-10	
AN806-12	D, DR, C, P	-12	
AN806-16	D, DR, P	-16	
AN806-20	D	-20	



AN814S

PART NO.	PORT PLUG WITH SOCKET HEX (O RING)		THREAD
	MATERIAL	JIC/MF THREAD	
AN814-03S	D	-3	
AN814-04S	D	-4	
AN814-06S	D, DR	-6	
AN814-08S	D, DR	-8	
AN814-10S	D	-10	
AN814-12S	D	-12	



AN814

PART NO.	PORT PLUG		THREAD
	MATERIAL	JIC/MF THREAD	
AN814-02	D	-2	
AN814-03	D	-3	
AN814-04	D, DR	-4	
AN814-05	D	-5	
AN814-06	D, DR, DEC, P	-6	
AN814-07	D	-7	
AN814-08	D, DR, DE	-8	
AN814-10	D, DR, P	-10	
AN814-12	D, DR, P	-12	
AN814-16	D	-16	
AN814-20	D	-20	
AN814-24	D	-24	



AN815

PART NO.	EQUAL MALE		THREAD
	MATERIAL	JIC/MF THREAD	
AN815-02	D, C, P, LP	-2 (L/DWG)	
AN815-03	LP	-2 (INV)	
AN815-04	VC	-3	
AN815-05	D, DR, C, CH, P	-5 (INV)	
AN815-06	D, DR, C, P	-4	
AN815-07	D, P	-7	
AN815-08	D, DR, C, P	-8	
AN815-10	D, DR, C, P	-10	
AN815-12	D, DR, C, P	-12	
AN815-16	D, DR, C, P	-16	
AN815-20	D	-20	
AN815-24	D	-24	
AN815-28	D	-28	
AN815-32	D	-32	



AN818

PART NO.	TUBE NUT		THREAD
	MATERIAL	JIC/MF THREAD	
AN818-03	P, CH, C, D, DR, DE, DRD	-3	
AN818-04	P, C, CH, D, DR, DE, DRD	-4	
AN818-06	P, C, CH, D, DR, DE, P	-6	
AN818-08	C, DE, D, P, DR	-8	
AN818-10	C, D, DR, DE, P	-10	
AN818-12	D, DR, DE, P	-12	
AN818-16	P, C, D	-16	
AN818-20	D	-20	



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JIC To JIC Equal Thread - continued



TUBE SLEEVE		
PART NO.	MATERIAL	THREAD
AN18-03	P, CH, C, D, DR, DE, DRD	-3
AN18-04	P, CH, C, D, DR, DE, DRD	-4
AN18-06	P, CH, C, D, DR, DE	-6
AN18-08	P, C, D, DR, DE	-8
AN18-10	P, C, D, DR, DE	-10
AN18-12	P, C, D	-12
AN18-16	P, C, D	-16
AN18-20	C, D	-20
AN18-24	D	-24



AN821

90° ELBOW MALE		
PART NO.	MATERIAL	THREAD
AN821-03	P, C, D, DR, DE	-3
AN821-04	P, C, D, DR, DE	-4
AN821-06	P, C, D, DR, DE	-6
AN821-08	P, C, D, DR, DE	-8
AN821-10	P, C, D, DR, DE	-10
AN821-12	P, C, D, DR, DE	-12
AN821-16	P, C, D, DR, DE	-16
AN821-20	D	-20



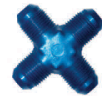
AN824

MALE TEE		
PART NO.	MATERIAL	JIC/MF THREAD
AN824-03	P, C, D, DR, CH, DE	-3
AN824-04	P, C, D, DR, DE	-4
AN824-06	P, C, D, DR, DE	-6
AN824-08	P, C, D, DR, DE	-8
AN824-10	P, C, D, DR, DE	-10
AN824-12	P, C, D, DR, DE	-12
AN824-16	P, D	-16



AN827

MALE TEE		
PART NO.	MATERIAL	THREAD
AN827-04	D	-4
AN827-06	D	-6
AN827-08	D	-8
AN827-10	D	-10



AN REFERENCE CHART

-AN SIZE	JIC/MF THREAD	-AN SIZE	JIC/MF THREAD
2	5/16 X 24	8	3/4 X 16
3	3/8 X 24	10	7/8 X 14
4	7/16 X 20	12	1 1/16 X 12
5	1/2 X 20	16	1 5/16 X 12
6	9/16 X 18	20	1 5/8 X 12
7	5/8 X 18	24	1 7/8 X 12

Section: 06 Adaptors

Material Key
B: Brass, **C:** Stainless Steel, **CH:** Chrome Plated, **D:** Aluminium, **EN:** Electroless Nickel, **P:** Zinc Plated Carbon Steel, **T:** Titanium



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JIC To JIC Equal Thread - continued

FEMALE TEE			
PART NO.	MATERIAL	THREAD	
AN838-04	D, DBK	-4	
AN838-05	P, D, DBK	-5	
AN838-06	P, D, DBK	-6	
AN838-08	P, D, DBK	-8	
AN838-10	P, D, DBK	-10	
AN838-12	P, D, DBK	-12	
AN838-16	D	-16	



NUT			
PART NO.	MATERIAL	THREAD	
AN824-02	D, C, P	-2	
AN824-03	P, C, D, DE	-3	
AN824-04	P, C, D, DBK, DE	-4	
AN824-05	D	-5	
AN824-06	P, C, D, DBK, DE	-6	
AN824-08	P, C, D, DBK, DE	-8	
AN824-10	P, C, D, DBK, DE	-10	
AN824-12	C, P, D, DBK, DE	-12	
AN824-16	C, P, D, DBK	-16	
AN824-20	D	-20	



MALE WELD FLANGE ADAPTOR			
PART NO.	MATERIAL	THREAD	
AN871-04	D	-4	
AN871-06	D	-6	
AN871-07	D	-7	
AN871-08	D	-8	
AN871-10	D	-10	
AN871-12	D	-12	
AN871-16	D	-16	
AN871-20	D	-20	



CAP			
PART NO.	MATERIAL	THREAD	
AN828-02	D, DRD	-2	
AN828-03	P, C, D, DRD	-3	
AN828-04	P, C, D, DBK, DRD	-4	
AN828-05	P, C, D, DBK, DRD	-5	
AN828-06	P, C, D, DBK, DRD	-6	
AN828-08	P, C, D, DBK, DRD	-8	
AN828-10	P, C, D, DBK	-10	
AN828-12	P, D, DBK	-12	
AN828-16	P, D, DBK	-16	
AN828-20	D	-20	



JIC To JIC Unequal Thread

Fitting Type:
 Adaptor
 Material: P, C, CH, D

TEE WITH UNEQUAL LEGS			
PART NO.	MATERIAL	JIC/IMP THREAD	
AN824-06-06-03	D	-6 -6 -3	
AN824-06-06-08	D	-6 -6 -8	
AN824-06-04-08	D	-8 -4 -8	
AN824-06-06-04	D	-8 -8 -4	
AN824-06-08-10	D	-8 -8 -10	
AN824-10-10-12	D	-10 -10 -12	



MALE TO MALE			
PART NO.	MAT	A	B
AN819-0	D, C	-02	-03
AN819-01	D	-02	-04
AN819-02	D, DBK	-03	-04
AN819-03	D	-04	-05
AN819-06-02	D	-06	-02
AN819-06	D	-06	-04
AN819-07	D	-06	-05
AN819-10	D	-08	-04
AN819-12	D, DBK	-06	-08
AN819-13	D	-10	-04



JIC To JIC Unequal Thread - continued

MALE TO MALE			
PART NO.	MATERIAL	A	B
919-04-03	P, C	-4	-3
919-06-03	P	-6	-3
919-06-04	P	-6	-4
919-08-06	P	-8	-6
919-10-06	P	-10	-6



JIC Male To Female

MALE REDUCER			
PART NO.	MATERIAL	A	B
AN894-04-03	D	-4	-3
AN894-05-04	D	-5	-4
AN894-06-03	D	-6	-3
AN894-06-04	D, DBK	-6	-4
AN894-08-04	D	-8	-4
AN894-08-06	D	-8	-6
AN894-08-06	D, DBK	-8	-6
AN894-10-06	D	-10	-6
AN894-10-06	D, DBK	-10	-6



AN890 MALE TO FEMALE ADAPTOR (JIC SEATS)			
PART NO.	MAT	A	B
AN890-04-03	D	-4	-3
AN890-04-03	P	-4	-3
AN890-06-03	D	-6	-3
AN890-06-04	D	-6	-4
AN890-06-04	D, DBK	-6	-4
AN890-08-04	P	-8	-4
AN890-08-04	D	-8	-4



AN REFERENCE CHART			
AN SIZE	JIC/IMP THREAD	AN SIZE	JIC/IMP THREAD
2	5/16 X 24	8	3/4 X 16
3	3/8 X 24	10	7/8 X 14
4	7/16 X 20	12	1 1/16 X 12
5	1/2 X 20	16	1 5/16 X 12
6	9/16 X 18	20	1 5/8 X 12
7	5/8 X 18	24	1 7/8 X 12



Section: 06 Adaptors

Material Key
B: Brass, **C:** Stainless Steel, **CH:** Chrome Plated, **D:** Aluminium,
EN: Electroless Nickel, **P:** Zinc Plated Carbon Steel, **T:** Titanium

GOODRIDGE
 FLUID TRANSFER SYSTEMS

Jic Unequal Thread Inverted (B Thread)

Fitting type :
 Brake Adaptor
 Application :
 Brake systems
 To Suit Hose :
 600 series
 Material : P, CH
 Please Note :
 IM = Convex
 BF = Concave

Part No.	IMAT	A	B
10100-03	P	-3	10 X 1.00MM
10100-04	P	-4	10 X 1.00MM

Part No.	IMAT	A	B
10120-03	P	-3	1/2 X 20 INV.

Part No.	IMAT	A	B
10125-03	P	-3	M10 X 1.25INV
10125-04	P	-4	M10 X 1.25INV

Part No.	IMAT	A	B
10324-03	P	-3	3/8 X 24INV
10324-04	P	-4	3/8 X 24INV

BRAKE ADAPTOR			
Part No.	IMAT	A	B
10716-03	P	-3	7/16 X 24INV
10716-04	P	-4	7/16 X 24INV

BRAKE ADAPTOR			
Part No.	IMAT	A	B
10720-03	P	-3	7/16 X 20INV
10720-04	P	-4	7/16 X 20INV

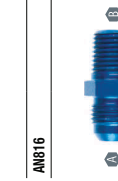
BRAKE ADAPTOR			
Part No.	IMAT	A	B
10916-03	P	-3	9/16 X 18INV

BRAKE ADAPTOR			
Part No.	IMAT	A	B
FMT10100-03	P	-3	M10 X 1.00INV
FMT10100-04	P	-4	M10 X 1.00INV

BRAKE ADAPTOR			
Part No.	IMAT	A	B
FMT10125-03	P	-3	M10 X 1.25INV
FMT10125-04	P	-4	M10 X 1.25INV

BRAKE ADAPTOR			
Part No.	IMAT	A	B
FMT10324-03	P	-3	3/8 X 24INV
FMT10324-04	P	-4	3/8 X 24INV

BRAKE ADAPTOR			
Part No.	IMAT	A	B
FMT10716-03	P	-3	7/16 X 24INV
FMT10716-04	P	-4	7/16 X 24INV



JIC To NPT Male To Male Adaptors

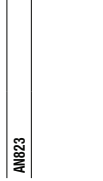
ADAPTOR STRAIGHT MALE JIC TO STRAIGHT MALE NPT			
Part No.	MATERIAL	A JIC	B NPT
ANB16-02	C, D	-2	1/8 X 27
ANB16-03-01	D	-3	1/16 X 27
ANB16-03	P, C, D, DBK, DRD	-3	1/8 X 27
ANB16-03-04	C, D	-3	1/4 X 18
ANB16-04	P, C, D, DBK, DRD	-4	1/8 X 27
ANB16-04-04	P, C, D, DBK, DRD	-4	1/4 X 18
ANB16-05	D	-5	1/4 X 18
ANB16-05-02	D	-5	1/8 X 27
ANB16-04-06	P, D, DBK	-4	3/8 X 18
ANB16-06-02	P, D, DBK	-6	1/8 X 27
ANB16-06	P, D, DBK	-6	3/8 X 18
ANB16-06-06	P, D, DBK	-6	3/8 X 18
ANB16-06-08	P, D, DBK	-8	1/2 X 14
ANB16-07	P, D, DBK	-7	1/4 X 18

59° MALE ELBOW JIC TO MALE NPT			
Part No.	MATERIAL	A JIC	B NPT
ANB22-02	D	-2	1/8 X 27
ANB22-03	P, C, D, DBK	-3	1/8 X 27
ANB22-03-01	D	-3	1/16 X 27
ANB22-04	P, C, D, DBK, DRD	-4	1/8 X 27
ANB22-04-04	P, D, DBK	-4	1/4 X 18
ANB22-05	D	-5	1/4 X 18
ANB22-05-04	D	-5	1/8 X 27
ANB22-06-02	D, DBK	-6	1/8 X 27
ANB22-06	P, D, DBK, DRD	-6	1/4 X 18
ANB22-06-06	P, D, DBK	-6	3/8 X 18
ANB22-07	P, D, DBK	-7	1/2 X 14
ANB22-08	P, D, DBK	-8	3/8 X 18



59° MALE ELBOW JIC TO MALE NPT

45° MALE ELBOW JIC TO NPT MALE			
Part No.	MATERIAL	A JIC	B NPT
ANB23-02	D	-2	1/8 X 27
ANB23-03	D, DBK	-3	1/8 X 27
ANB23-04	D, DBK, DRD	-4	1/8 X 27
ANB23-04-04	D	-4	1/4 X 18
ANB23-04-06	D	-4	1/4 X 18
ANB23-05-02	D	-5	1/16 X 27
ANB23-05	D	-5	1/4 X 18
ANB23-06-02	D, DBK	-6	1/8 X 27
ANB23-06	D, DBK	-6	1/4 X 18
ANB23-06-06	D, DBK	-6	3/8 X 18
ANB23-07	D, DBK	-7	1/2 X 14
ANB23-08D	D, DBK	-8	3/8 X 18



45° MALE ELBOW JIC TO NPT MALE

ADAPTOR STRAIGHT MALE JIC TO STRAIGHT MALE NPT			
Part No.	MATERIAL	A JIC	B NPT
ANB16-08	D, DBK	-8	3/8 X 18
ANB16-08-08	D, DBK	-8	1/2 X 14
ANB16-08-12	D, DBK	-8	3/4 X 14
ANB16-08-16	D, DBK	-8	1/2 X 14
ANB16-10-06	D, DBK	-10	3/8 X 18
ANB16-10-12	D, DBK	-10	3/4 X 14
ANB16-10-16	D, DBK	-10	1/2 X 14
ANB16-12-08	D, DBK	-12	1/2 X 14
ANB16-12-16	D, DBK	-12	1/2 X 14
ANB16-12	D, DBK	-12	3/4 X 14
ANB16-16	D, DBK	-16	1 X 11 1/2
ANB16-16-12	D, DBK	-16	1 X 11 1/2
ANB16-20	D	-20	1 X 11 1/2
ANB16-20-16	D	-20	1 X 11 1/2

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Section: 06 Adaptors

Material Key
B: Brass, **C:** Stainless Steel, **CH:** Chrome Plated, **D:** Aluminium,
EN: Electroless Nickel, **P:** Zinc Plated Carbon Steel, **T:** Titanium

GOODRIDGE
 FLUID TRANSFER SYSTEMS

JIC TO NPT Male To Male Adaptors - continued

JIC TEE NPT ON RUN			
PART NO.	MAT	A JIC	B NPT
AN826-03	C, D, DBK, P	-3	1/8X27
AN826-03-04	D	-4	1/4X18
AN826-04	C, D, DBK, P	-4	1/8X27
AN826-06	C, D, DBK, P	-6	1/4X18
AN826-08	D	-8	3/8X18
AN826-08-04	D	-4	3/8X18
AN826-10	D	-10	1/2X14
AN826-12	D	-12	3/4X14
AN826-16	D	-16	1 X 11 1/2



JIC TEE NPT ON LEG			
PART NO.	MAT	A JIC	B NPT
AN825-02	C, D	-2	1/8X27
AN825-03	C, D, DE, P	-3	1/8X27
AN825-04	C, D, P	-4	1/8X27
AN825-06	CH, D, DE, P	-6	1/4X18
AN825-06-06	D	-6	3/8X24
AN825-08	D, P	-8	3/8X18
AN825-10	D	-10	1/2X14
AN825-12	D	-12	3/4X14
AN825-16	D	-16	1 X 11 1/2



NPT FEMALE TO MALE 90° EQUAL		
PART NO.	MAT	NPT THREAD
AN914-01	D	1/8 X 27
AN914-02	D	1/4 X 18
AN914-03	D	3/8 X 18
AN914-04	D	1/2 X 14



NPT FEMALE TO MALE 45° EQUAL		
PART NO.	MATERIAL	NPT THREAD
AN915-01	D	1/8 X 27
AN915-02	D	1/4 X 18
AN915-03	D	3/8 X 18
AN915-04	D	1/2 X 14



NPT FEMALE TO FEMALE 90° EQUAL		
PART NO.	MAT	NPT THREAD
AN916-01	D	1/8 X 27
AN916-02	D	1/4 X 18
AN916-03	D	3/8 X 18



NPT Adaptors

Fitting Type:
 Adaptor
 Material: D

FEMALE PIPE COUPLER		
PART NO.	MATERIAL	NPT THREAD
AN910-01	D	1/8 X 27
AN910-02	D	1/4 X 18
AN910-03	D	3/8 X 18
AN910-04	D	1/2 X 14
AN910-06	D	3/4 X 14
AN910-08	D	1 X 11 1/2



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NPT Adaptors - continued

MALE TO MALE ADAPTOR		
PART NO.	MATERIAL	NPT THREAD
AN911-01	D, DE	1/8 X 27
AN911-02	D, DBK	1/4 X 18
AN911-03	D, DE, P	3/8 X 18
AN911-04	D, DE, P	1/2 X 14
AN911-06	D	3/4 X 14
AN911-08	D	1 X 11 1/2



PLUS HEX HEAD NPT		
PART NO.	MATERIAL	NPT THREAD
AN913-01	D	1/8 X 26
AN913-02	D	1/8 X 27
AN913-03	D	1/4 X 18
AN913-04	D	3/8 X 18
AN913-05	D	1/2 X 14
AN913-06	D	3/4 X 14
AN913-08	D	1 X 11 1/2



ADAPTOR MALE - FEMALE			
PART NO.	MAT	NPT MALE	NPT FEMALE
AN912-01	D, DBK	1/4 X 18	1/8 X 27
AN912-02	D, DBK	3/8 X 18	1/4 X 18
AN912-03	D, DBK	3/8 X 18	1/8 X 27
AN912-04	D, DBK	1/2 X 14	3/8 X 18
AN912-05	D	1/2 X 14	1/4 X 18
AN912-06	D, DBK	1/2 X 14	1/8 X 27
AN912-07	D	3/8 X 14	1/2 X 14
AN912-08	D, DBK	3/4 X 14	3/8 X 18
AN912-09	D	3/4 X 14	1/4 X 18
AN912-10	D, DBK	1 X 11 1/2	3/4 X 14
AN912-11	D	1 X 11 1/2	1/2 X 14
AN912-12	D	1 X 11 1/2	1/2 X 14



NPT TEE		
PART NO.	MATERIAL	NPT THREAD
AN917-01	D	1/8 X 27
AN917-02	D	1/4 X 18
AN917-03	D	3/8 X 18
AN917-04	D	1/2 X 14
AN917-06	D	3/4 X 14
AN917-08	D	1 X 11 1/2



PLUS SOCKET HEAD		
PART NO.	MATERIAL	NPT THREAD
AN932-01	D, P	1/8 X 27
AN932-02	D, DBK, DE, P, DR	1/8 X 27
AN932-03	D, DBK, DE, DR	1/4 X 18
AN932-04	D, DBK, DE, DR	3/8 X 18
AN932-05	D, DBK, DE, DR	1/2 X 14
AN932-06	D, DBK, DE, DR	3/4 X 14
AN932-07	D, DBK	1 X 11 1/2



AN REFERENCE CHART			
AN SIZE	JIC/ANF THREAD	AN SIZE	JIC/ANF THREAD
2	5/16 X 24	8	3/4 X 16
3	3/8 X 24	10	7/8 X 14
4	7/16 X 20	12	1 1/16 X 12
5	1/2 X 20	16	1 5/16 X 12
6	9/16 X 18	20	1 5/8 X 12
7	5/8 X 18	24	1 7/8 X 12

Section: 06 Adaptors

Material Key
B: Brass, **C:** Stainless Steel, **CH:** Chrome Plated, **D:** Aluminium,
EN: Brass, **E:** Electroless Nickel, **P:** Zinc Plated Carbon Steel, **T:** Titanium

GOODRIDGE
 FLUID TRANSFER SYSTEMS

JIC Male To Metric Male

Fitting Type : Adaptor

Material : P, C, CH, D

305

ADAPTOR JIC TO METRIC CONEX

PART NO.	MATERIAL	A, JIC	B, METRIC	PART NO.	MATERIAL	A, JIC	B, METRIC
305-03-31	C, CH, D, P	-3	10 X 1.00MM	305-06-M121	D	-6	12 X 1.00MM
305-03-32	P, C, D	-3	10 X 1.25MM	305-06-M122	D	-6	12 X 1.25MM
305-03-M12	C	-3	8 X 1.00MM	305-06-M12	P, D	-6	12 X 1.50MM
305-03-M16	C	-3	12 X 1.50MM	305-06-M14	D	-6	14 X 1.50MM
305-03-M121	P, C	-3	12 X 1.00MM	305-06-M16	D	-6	16 X 1.50MM
305-03-M122	P, C	-3	12 X 1.25MM	305-06-31	D	-8	10 X 1.00MM
305-04-M12	P	-4	12 X 1.50MM	305-06-35	D	-8	10 X 1.50MM
305-04-M16	P	-4	12 X 1.25MM	305-08-M122	D	-8	12 X 1.25MM
305-04-M14	P	-4	14 X 1.50MM	305-08-M12	D	-8	12 X 1.50MM
305-04-31	P, D	-4	10 X 1.00MM	305-08-M14	D	-8	14 X 1.50MM
305-04-32	P	-4	10 X 1.25MM	305-08-M16	D	-8	16 X 1.50MM
305-04-35	P	-4	10 X 1.50MM	305-10-M18	D	-10	18 X 1.50MM
305-06-31	D	-6	10 X 1.00MM	305-12-M20	D	-12	20 X 1.50MM
				305-16-M24	D	-16	24 X 1.50MM

306

ADAPTOR JIC TO METRIC CONEX

PART NO.	MATERIAL	A, JIC	B, METRIC	PART NO.	MATERIAL	A, JIC	B, METRIC
306-02-31	C, T	-2	10 X 1.00MM	306-04-M20	D	-8	20 X 1.50MM
306-02-32	C, CH, D	-3	12 X 1.50MM	306-04-M22	D	-8	22 X 1.50MM
306-03-M12	D	-3	12 X 1.00MM	306-10-M14	D	-10	14 X 1.50MM
306-03-M16	D	-3	16 X 1.50MM	306-10-M16	D	-10	16 X 1.50MM
306-03-M18	P, D	-3	18 X 1.50MM	306-10-M18	D	-10	18 X 1.50MM
306-03-M20	D	-3	20 X 1.50MM	306-10-M20	D	-10	20 X 1.50MM
306-03-M22	D	-3	22 X 1.50MM	306-10-M22	D	-10	22 X 1.50MM
306-03-31	C, CH, D, P	-3	10 X 1.00MM	306-10-M26	D	-10	26 X 1.50MM
306-03-32	C, CH, D, P	-3	10 X 1.25MM	306-12-M18	D	-12	18 X 1.50MM
306-03-35	P	-3	12 X 1.50MM	306-12-M20	D	-12	20 X 1.50MM
306-04-M12	D	-4	12 X 1.00MM	306-12-M22	D	-12	22 X 1.50MM
306-04-M14	D	-4	14 X 1.50MM	306-12-M24	D	-12	24 X 1.50MM
306-04-M16	P	-4	16 X 1.50MM	306-16-M26	D	-16	26 X 1.50MM
306-04-M18	D	-4	18 X 1.50MM	306-16-M30	P, D	-16	30 X 1.50MM



Carburetor & Fuel Adaptors

Fitting Type :

Adaptor

Material : P, D, CH,

Application :

All common carburetor systems

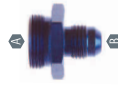
Standard Color is Blue

E = Electroless Nickel BK = Black

CAB

STRAIGHT MALE CONEX SEAT

PART NO.	DESCRIPTION	THREAD A	THREAD B
CAB206	DUAL FEED HOLLEY	7/8 X 20	-06 JIC
CAB206BK	DUAL FEED HOLLEY	7/8 X 20	-06 JIC
CAB206E	DUAL FEED HOLLEY	7/8 X 20	-06 JIC
CAB246	SINGLE FEED HOLLEY	9/16 X 24	-06 JIC
CAB246BK	SINGLE FEED HOLLEY	9/16 X 24	-06 JIC
CAB246E	SINGLE FEED HOLLEY	9/16 X 24	-06 JIC
CAB208	DUAL FEED HOLLEY	7/8 X 20	-08 JIC
CAB208BK	DUAL FEED HOLLEY	7/8 X 20	-08 JIC
CAB208E	DUAL FEED HOLLEY	7/8 X 20	-08 JIC
CAB1215	WEBER	M12 X 1.50	-06 JIC
CAB320	CARTER	5/8 X 20	-06 JIC
CAB320E	CARTER	5/8 X 20	-06 JIC
CAB320BK	CARTER	5/8 X 20	-06 JIC
CAB1212	DELLORTO	M12 X 1.25	-06 JIC



FB

FUEL PUMP AND GAUGE FITTINGS

PART NO.	DESCRIPTION	THREAD A	THREAD B
FB206	FUEL PUMP FITTING	1/2 X 20	-6 JIC
FB206BK	FUEL PUMP FITTING	1/2 X 20	-6 JIC
FB206E	FUEL PUMP FITTING	1/2 X 20	-6 JIC
FB186	FUEL PUMP FITTING	5/8 X 18	-6 JIC
FB186BK	FUEL PUMP FITTING	5/8 X 18	-6 JIC
FB186E	FUEL PUMP FITTING	5/8 X 18	-6 JIC



GA

FUEL AND OIL PRESSURE GAUGE FITTINGS

PART NO.	MATERIAL	THREAD A	THREAD B
GA-03	CH, D, P	MALE-3AN	FEMALE 1/8NPT
GA-04	D, P	MALE-4AN	FEMALE 1/8NPT
GA-06	P	MALE-6AN	FEMALE 1/8NPT
GA-903	CH, D, P	MALE-3AN	90 FEMALE 1/8NPT
GA-904	D, P	MALE-4AN	90 FEMALE 1/8NPT



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AN	REFERENCE CHART	-AN SIZE	JIC/INCH THREAD	-AN SIZE	JIC/METRIC THREAD
2		5/16 X 24	8	3/4 X 16	
3		3/8 X 24	10	7/8 X 14	
4		7/16 X 20	12	1 1/16 X 12	
5		1/2 X 20	16	1 5/16 X 12	
6		9/16 X 18	20	1 5/8 X 12	
7		5/8 X 18	24	1 7/8 X 12	

Section: 06
Adaptors

Material Key
B = Brass, C = Stainless Steel, CH = Chrome Plated, D = Aluminium,
EN = Electroless Nickel, P = Zinc Plated Carbon Steel, T = Titanium



Special Adaptors
(Modified AN parts for motorsport requirements)

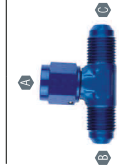
Filing Type:

Adaptor

Material : P, C, D, CH, DE

Colours Available :
Coloured anodised aluminium
'Colour':
DBK = Black, D = Blue, DCL = Clear
DE = Electroless Nickel

CPL-824



PART NO.	ADAPTOR TEE MALE THREAD ON RUN SWIVEL FEMALE ON LEG		
	MAT	A	B
CPL-824-03	P, D	-3	-3
CPL-824-04	P, D	-4	-4
CPL-824-06	D, DE	-6	-6
CPL-824-08	D	-8	-8
CPL-824-10	D	-10	-10
CPL-824-12	D	-12	-12
CPL-824-16	D	-16	-16

CPL-450_



PART NO.	ADAPTOR 45° FEMALE TO FEMALE SWIVEL	
	MATERIAL	THREAD
CPL-450/4	D	-4
CPL-450/6	D	-6
CPL-450/8	D	-8
CPL-450/10	D	-10
CPL-450/12	D	-12

CPL-900_



PART NO.	ADAPTOR 90° FEMALE TO FEMALE SWIVEL	
	MATERIAL	THREAD
CPL-900/3	D	-3
CPL-900/4	D	-4
CPL-900/6	D	-6
CPL-900/8	D	-8
CPL-900/10	D	-10
CPL-900/12	D	-12
CPL-900/16	D	-16

Special Adaptors
(Modified AN parts for motorsport requirements)

Filing Type:

Adaptor

Material : P, C, D, CH, DE

PART NO.	ADAPTOR JIC/INIF FEMALE SWIVEL TO MALE NPT		
	MAT	A	B
CPL-916/4	D	-4	1/8
CPL-916/6	P	-4	1/8
CPL-916/8	D	-4	1/4
CPL-916/10	C	-6	1/4
CPL-916/12	D	-6	1/4
CPL-916/16	DBK	-6	1/4
CPL-916/20	DBK	-6	1/8
CPL-916/24	D	-6	3/8
CPL-916/28	D	-8	3/8
CPL-916/32	DBK	-8	3/8
CPL-916/36	D	-8	1/4
CPL-916/40	D	-8	1/2
CPL-916/44	D	-10	3/8
CPL-916/48	D	-10	3/4
CPL-916/52	D	-12	3/4

CPL-826



PART NO.	ADAPTOR TEE SWIVEL FEMALE ON RUN		
	MAT	A	B
CPL-826-03	D, DBK, P	-03	-03
CPL-826-04	C, D, P	-04	-04
CPL-826-06	D, P	-06	-06
CPL-826-08	D	-08	-08
CPL-826-10	D	-10	-10
CPL-826-12	C, D	-12	-12
CPL-826-16	D	-16	-16

Special Adaptors
(Modified AN parts for motorsport requirements) - continued

Filing Type:

Adaptor

Material : P, C, D, CH, DE

PART NO.	ADAPTOR 90° FEMALE TO FEMALE SWIVEL		
	MAT	A	B
CPL-910/4	D	-04	-04
CPL-910/6	D	-06	-06
CPL-910/8	D	-08	-08
CPL-910/10	D	-10	-10
CPL-910/12	D	-12	-12
CPL-910/16	D	-16	-16

CPL



PART NO.	ADAPTOR SWIVEL FEMALE COUPLING		
	MAT	A	B
CPL-03	C, D	-03	-03
CPL-04	C, D, DBK, DCL	-04	-04
CPL-06	C, D, DBK, DCL	-06	-06
CPL-08	C, D, DBK, DE, D, DBK	-08	-08
CPL-08-06	D, DBK, DCL	-06	-06
CPL-10	D, DBK, DCL	-10	-10
CPL-12	D, DBK, DCL	-12	-12
CPL-16	D	-16	-16
CPL-20	D	-20	-20

CPL-460_



PART NO.	ADAPTOR 45° FEMALE TO FEMALE SWIVEL		
	MAT	A	B
CPL-460/4	D	-04	-04
CPL-460/6	D	-06	-06
CPL-460/8	D	-08	-08
CPL-460/10	D	-10	-10
CPL-460/12	D	-12	-12
CPL-460/16	D	-16	-16

CPL-823



PART NO.	ADAPTOR 45° MALE TO SWIVEL FEMALE		
	MAT	A	B
CPL-823-03	D	-03	-03
CPL-823-04	P, D	-04	-04
CPL-823-06	D	-06	-06
CPL-823-08	D	-08	-08
CPL-823-10	D	-10	-10
CPL-823-12	D	-12	-12
CPL-823-16	D	-16	-16

AN REFERENCE CHART

AN SIZE	JIC/INIF THREAD	AN SIZE	JIC/INIF THREAD
2	5/16 X 24	8	3/4 X 16
3	3/8 X 24	10	7/8 X 14
4	7/16 X 20	12	1 1/16 X 12
5	1/2 X 20	16	1 5/16 X 12
6	9/16 X 18	20	1 5/8 X 12
7	5/8 X 18	24	1 7/8 X 12

Section: 06 Adaptors

Material Key
B: Brass, **C:** Chrome Plated, **D:** Aluminium, **E:** EN Electroless Nickel, **P:** Zinc Plated Carbon Steel, **T:** Titanium



Special Adaptors (Modified AN parts for motorsport requirements) - continued

Fitting Type: Adaptor
 Material: CH, P, C, D

Colours Available:
 Coloured anodised aluminium
 'Colour':
 DBK = Black, D = Blue

90° O-RING BOSS TO MALE UNION	PART NO.	MATERIAL	A	AN O-RING
	AN821-04	D	-4	-4
	AN821-06	D, DBK	-6	-6
	AN821-08	D	-8	-8
	AN821-10	D	-10	-10
	AN821-10-08	D	-10	-8
	AN821-12	D	-12	-12
	AN821-12-10	D	-12	-10
	AN821-16	D	-16	-16



45° O-RING BOSS TO MALE UNION	PART NO.	MATERIAL	A	AN O-RING
	AN822-04	D	-4	-4
	AN822-06	D	-6	-6
	AN822-08	D	-8	-8
	AN822-10	D, DBK	-10	-10
	AN822-12	D, DBK	-12	-12
	AN822-16	D	-16	-16
	AN822-16-12	D	-16	-12



STRAIGHT O-RING BOSS TO MALE UNION	PART NO.	MATERIAL	A	AN O-RING
	AN820-04	D	-4	-4
	AN820-04-06	D	-4	-6
	AN820-06	D, DBK	-6	-6
	AN820-06-08	DBK	-6	-8
	AN820-06-10	DBK	-6	-10
	AN820-08	D, DBK	-8	-8
	AN820-08-04	DBK	-8	-4
	AN820-08-10	D, DBK	-8	-10
	AN820-08-12	D	-8	-12
	AN820-10	D, DBK	-10	-10
	AN820-10-06	D	-10	-6
	AN820-10-08	D	-10	-8
	AN820-10-12	D	-10	-12
	AN820-12	D	-12	-12
	AN820-12-10	D	-12	-10
	AN820-16	D	-16	-16
	AN820-16-12	D	-16	-12



JIC FEMALE TO MALE WITH FEMALE NPT IN HEX	PART NO.	MATERIAL	A	B NPT HEX	C
	FP192	D	-6	1/8 NPT	-6
	FP193	D	-8	1/8 NPT	-8
	FP198	D	-12	1/8 NPT	-12
	FP199	D	-4	1/8 NPT	-4



JIC MALE TO NPT MALE WITH NPT FEMALE IN HEX	PART NO.	MATERIAL	A	B NPT HEX	C NPT HEX
	FP194	D	-6	1/8 NPT	1/4 NPT
	FP195	D	-6	1/8 NPT	3/8 NPT
	FP196	D	-8	1/8 NPT	1/4 NPT
	FP197	D	-8	1/8 NPT	3/8 NPT



JIC MALE TO MALE WITH FEMALE NPT IN HEX	PART NO.	MATERIAL	A	B NPT HEX	C
	FP190	D	-6	1/8 NPT	-6
	FP190E	E	-6	1/8 NPT	-6
	FP191	D	-8	1/8 NPT	-8
	FP191E	E	-8	1/8 NPT	-8



FEMALE WELD BUNG (UNANODIZED)	PART NO.	MATERIAL	NPT THREAD
	AN887-01	D	1/8 X 27 NPT
	AN887-02	D	1/4 X 18 NPT
	AN887-03	D	3/8 X 18 NPT
	AN887-04	D	1/2 X 14 NPT
	AN887-06	D	3/4 X 14 NPT



FEMALE WELD ADAPTOR	PART NO.	MATERIAL	THREAD
	AN871-04	P, D	-4
	AN871-06	D	-6
	AN871-08	D	-8
	AN871-10	D	-10
	AN871-12	D	-12
	AN871-16	D	-16
	AN871-20	D	-20



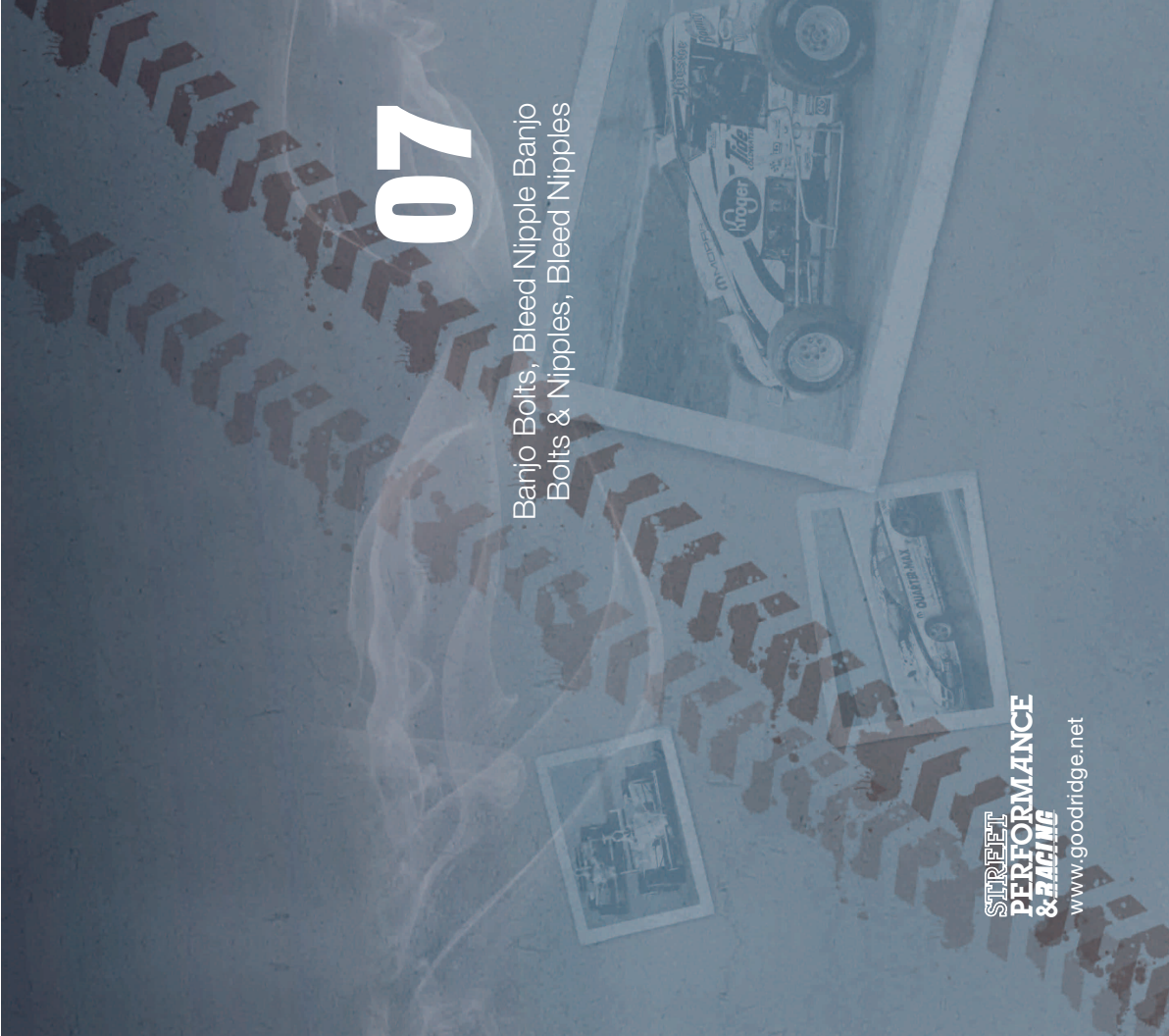
MALE WELD FLANGE ADAPTOR	PART NO.	MATERIAL	THREAD
	AN971-03	P, C, D	-3
	AN971-04	P, C, D	-4
	AN971-06	P, C, D	-6
	AN971-07	P, C, D	-7
	AN971-08	P, C, D	-8
	AN971-10	P, C, D	-10
	AN971-12	P, C, D	-12
	AN971-16	P, C, D	-16
	AN971-20	P, C, D	-20



07

Banjo Bolts, Bleed Nipple Banjo Bolts & Nipples, Bleed Nipples

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Section: 07 Banjo Bolts and Crush Washers

Material Key
B: Brass, **C:** Stainless Steel, **CH:** Chrome Plated, **D:** Aluminium,
EN: En8 Brass Nickel, **P:** Zinc Plated Carbon Steel, **T:** Titanium

GOODRIDGE
 FLUID TRANSFER SYSTEMS

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Banjo Bolts

Fitting Type :
Bolt
 Application :
Brake / Clutch
 To Suit Hose :
600 series
 Material : **P, CH, C, D**

Manufactured to exacting specifications to ensure an accurate fit to our Banjo Hose Ends every time, the Goodridge range of Banjo Bolts covers all possible applications. They are available in a wide range of materials, colours, lengths and threads.
Long bolts are for use with 5091, 5095, 5096.
Under hex length:
Short: 18mm (S) Single: 20mm
Single Long: 25mm (L)
Double: 30mm Double Long: 40mm

SINGLE BANJO BOLT UNF		
PART NO.	MATERIAL	THREAD
775-02	C	-02
775-03-02	P	-02
775-03	C, CH, D, P	-03
775-04	C, CH, P	-03
775-04	C, D, P	-04
775-04L	C, D, P	-04
775-44	P, C, CH	-44



SINGLE BANJO BOLT METRIC		
PART NO.	MATERIAL	METRIC THREAD
992-02-21	C	M8 X 1.0
992-02-22	C, P	M8 X 1.25
992-03-21	C	M8 X 1.0
992-03-22	C	M8 X 1.25
992-03-31	C, CH, P, D	M10 X 1.0
992-03-31L	C, P	LONG M10 X 1.0
992-03-31S	C, P	SHORT M10 X 1.0
992-03-32	C, CH, P, D	M10 X 1.25
992-03-32L	C, P	LONG M10 X 1.25
992-03-35	P	M10 X 1.5
992-04-M12	C, CH, D	M12 X 1.5
992-04-M12L	D, P	M12 X 1.0
992-04-M12S	P	SHORT M 12 X 1.0
992-04-M122	D, P	M12 X 1.25
992-04-32	C	M10 X 1.25



SINGLE BANJO BOLT BSP		
PART NO.	MATERIAL	BSP THREAD
1012-03	P, C	1/8 BSP
1012-04	P	1/4 BSP



DOUBLE BANJO BOLT METRIC		
PART NO.	MATERIAL	METRIC THREAD
993-03-31	C, CH, D, P	10 X 1.00MM
993-03-31L	P, C	10 X 1.00MM
993-03-31S	P, D	10 X 1.00MM
		28MM U/HEX
993-03-32	C, CH, D, P	10 X 1.25MM
993-04-32	C	10 X 1.25MM



DOUBLE BANJO BOLT UNF		
PART NO.	MATERIAL	UNF THREAD
773-03	C, CH, D, P	3/8 X 24
773-03L	P, CH	3/8 X 24
773-44	P, CH	7/16 X 24
773-44L	P, CH	7/16 X 24



DOUBLE BANJO BOLT BSP		
PART NO.	MATERIAL	BSP THREAD
1013-03	P, C, CH	1/8 BSP
1013-04	P, C, CH	1/8 BSP



Brakelight Banjo

SINGLE BRAKELIGHT BANJO BOLT UNF		
PART NO.	MATERIAL	THREAD
BL775-03	C	3/8 X 24
BL775-44	C	7/16 X 24



SINGLE BRAKELIGHT BANJO BOLT METRIC		
PART NO.	MATERIAL	THREAD
BL992-31	C	10 X 1.00MM
BL992-32	C	10 X 1.25MM
BL992-31S	C	10 X 1.00MM (18.5MM U/HEX)



DOUBLE BRAKELIGHT BANJO BOLT METRIC		
PART NO.	MATERIAL	THREAD
BL993-31	C	10 X 1.00MM
BL993-32	C	10 X 1.25MM
BL993-31S	C	10 X 1.00MM (28MM U/HEX)



Bleed Nipple Banjo Bolts & Nipples

Fitting Type :
Bolt
 Application :
Brake / Clutch
 To Suit Hose :
600 series
 Material : **P, CH, C**

Goodridge developed Bleed Nipple Banjo Bolts in response to concerns about the length of time required to bleed hydraulic systems. Our design allows the installer to bleed the system at the source of the problem, at the master cylinder where the air is located. Use of our proprietary design allows the installer to burp the hydraulic system, ensuring safe and efficient bleeding.

SINGLE BANJO BOLT WITH BLEED NIPPLE UNF		
PART NO.	MATERIAL	UNF THREAD
775-03BN	C, P	3/8 X 24



Bleed Nipples

Fitting Type :
Bleed Nipple
 Application :
Brake systems
 To Suit Hose :
600 series
 Material : **P, C**

Goodridge provide a wide range of bleed nipples in many thread configurations to suit every common application.

BLEED NIPPLE UNF		
PART NO.	MATERIAL	UNF THREAD
BN506	P	3/8 X 24



BLEED NIPPLE METRIC		
PART NO.	MATERIAL	METRIC THREAD
BN507	P, C	7 X 1.00MM



BLEED NIPPLE METRIC		
PART NO.	MATERIAL	METRIC THREAD
BN508	P, C	8 X 1.25MM



SINGLE BANJO BOLT WITH BLEED NIPPLE METRIC		
PART NO.	MATERIAL	METRIC THREAD
992-31BN	C, P	10 X 1.00MM
992-32BN	C, P	10 X 1.25MM



SINGLE BANJO BOLT WITH BLEED NIPPLE UNF		
PART NO.	MATERIAL	UNF THREAD
773-03BN	C, P	3/8 X 24



BLEED NIPPLE DOUBLE BANJO BOLT METRIC		
PART NO.	MATERIAL	METRIC THREAD
993-31BN	C, P	10 X 1.00MM
993-32BN	C, P	10 X 1.25MM



BLEED NIPPLE METRIC		
PART NO.	MATERIAL	METRIC THREAD
BN510	P	10 X 1.00MM



BLEED NIPPLE METRIC UNF		
PART NO.	MATERIAL	UNF THREAD
BN704	P, C	1/4 X 28



SPEED BLEEDER		
PART NO.	MATERIAL	THREAD
BN506FSB	P	3/8 X 24
BN507FSB	P	7 X 1.00MM
BN508FSB	P	8 X 1.25MM
BN510FSB	P	10 X 1.00MM
BN512FSB	P	10 X 1.25MM
BN514FSB	P	6 X 1.00MM
BN516FSB	P	1/4 X 28



BLEED NIPPLE CAP		
PART NO.	MATERIAL	THREAD
BN-CAP	P, C	8 X 1.25MM




Material Key
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EN: Electroless Nickel, **P:** Zinc Plated Carbon Steel, **T:** Titanium
GOODRIDGE
 FLUID TRANSFER SYSTEMS

Metric & JIC/UNF Banjo Adaptors and Banjo Bolts


Filing Type: Re-usable
 Material: P, D, C, CH

Colours Available:
 Coloured anodised aluminium
 'Colour'
 BX = Black, D = Blue


STRAIGHT BANJO ADAPTOR			
PART NO.	MATERIAL	THREAD	TO SUIT BOLT
592-03	C, CH, DBK, PE	-3	3/8, 10MM
592-03-04	C, CH, PE	-3	7/16
592-03-M12	CH	-3	12MM




30° BANJO ADAPTOR			
PART NO.	MATERIAL	THREAD	TO SUIT BOLT
593-03	C, CH, DBK, PE	-3	3/8, 10MM
593-03-04	C, CH, PE, DBK	-3	7/16
593-03-M12	CH	-3	12MM




50° BANJO ADAPTOR			
PART NO.	MATERIAL	THREAD	TO SUIT BOLT
599-03	C, CH, DBK, PE	-3	3/8, 10MM
599-03-04	BK, CH, DBK, PE	-3	7/16



SINGLE BANJO ADAPTOR			
PART NO.	MATERIAL	THREAD	TO SUIT BOLT
776-02	C	-2	5/16
776-02-03	C	-2	3/8, 10MM
776-03	C, CH, D, P	-3	3/8, 10MM
776-03-04	C, CH, D, P	-3	7/16
776-04	C, P	-4	7/16
776-04-03	D, P	-4	3/8
776-04-M12	D, P	-4	12MM
776-04-M14	D, DBK	-4	14MM
776-04-06	D, P	-4	9/16
776-06	D	-6	9/16
776-06-04	D	-6	7/16



TWIN BANJO ADAPTOR			
PART NO.	MATERIAL	THREAD	TO SUIT BOLT
779-02	C	-2	5/16
779-03	C, D, P	-3	3/8, 10MM
779-04	D	-4	7/16
779-04-06	D	-4	9/16
779-06	D	-6	9/16
779-06-04	D	-6	7/16
779-08	D	-8	3/4



30° BANJO ADAPTOR			
PART NO.	MATERIAL	THREAD	TO SUIT BOLT
593-03	C, CH, DBK, PE	-3	3/8, 10MM
593-03-04	C, CH, PE, DBK	-3	7/16
593-03-M12	CH	-3	12MM

50° BANJO ADAPTOR			
PART NO.	MATERIAL	THREAD	TO SUIT BOLT
599-03	C, CH, DBK, PE	-3	3/8, 10MM
599-03-04	BK, CH, DBK, PE	-3	7/16



08

Ancillary

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Section: 08 Ancillary

Material Key
B: Brass, **C:** Stainless Steel, **CH:** Chrome Plated, **D:** Aluminum, **E:** Electroless Nickel, **P:** Zinc Plated Carbon Steel, **T:** Titanium

GOODRIDGE
 FLUID TRANSFER SYSTEMS

Washers and Seals

Fitting Type: **O-Ring**
 Application: Suitable for all petroleum products
 Please Note: These O-rings conform to AN6290 specifications.
 To Suit: AN920, AN921, AN922, AN814SD and swivel G-Line fittings

086290

PART NO.	SECTION (INCHES)	LD (INCHES)	SECTION (MM)	LD (MM)
086290-03	0.064 ± 0.003	0.301 ± 0.005	1.6	7.65
086290-04	0.072 ± 0.003	0.351 ± 0.005	1.8	8.92
086290-06	0.078 ± 0.003	0.468 ± 0.005	2.0	11.89
086290-08	0.087 ± 0.003	0.644 ± 0.005	2.2	16.36
086290-10	0.097 ± 0.003	0.755 ± 0.005	2.5	19.18
086290-12	0.116 ± 0.004	0.924 ± 0.006	2.9	23.47
086290-16	0.116 ± 0.004	1.171 ± 0.006	2.9	29.74



NOTE: VITON® O-RINGS ARE AVAILABLE - JUST ADD A 'V' TO THE PART NO. EXAMPLE: 086290-03V

445/CW

PART NO.	I.D.	O.D.	THICKNESS
44514	8.00MM	11.00MM	1.00MM
44516 (-03)	3/8" (10MM)	0.590"	0.050"
44517	10.00MM	14.00MM	2.00MM
44518 (-04)	0.437"	0.685"	0.050"
44518HD	11.50MM	16.00MM	1.50MM
44519	12.50MM	15.00MM	1.30MM
44520	14.50MM	18.00MM	1.50MM
CWV-M12	12.25MM	16.00MM	1.50MM
CWV-M14	14.30MM	18.40MM	1.20MM
CWV-M16	16.00MM	22.50MM	1.00MM
CWV-M18	18.20MM	24.20MM	2.00MM



Application: Sealing

Sealing washer for use with chrome plated steel, mild steel and stainless fittings.

445/CW901

PART NO.	I.D.	O.D.	THICKNESS
44515 (-3)	0.400"	0.590"	0.050"
CW901-04	0.443"	0.683"	0.050"
CW901-06	0.568"	0.808"	0.050"
CW901-08	0.755"	0.995"	0.050"
CW901-10	0.880"	1.120"	0.050"
CW901-12	1.068"	1.370"	0.050"
CW901-M12	12.20MM	17.90MM	1.1MM
CW901-M14	14.50MM	19.0	1.4MM
CW901-M16	16.30MM	19.8MM	1.4MM
CW901-M18	18.20MM	24.00MM	2.00MM



Application: Sealing

Sealing washer for use with aluminum fittings.

SS902

PART NO.	I.D.	O.D.	THICKNESS
SS902-03	3/16	11.4	1.25
SS902-04	1/4	12.7	1.25
SS902-06	5/16	15.3	1.25
SS902-08	3/8	16.9	1.25
SS902-07	7/16	19.2	1.25
SS902-08	1/2	22.2	1.25
SS902-09	9/16	27.0	1.25
SS902-10	5/8	30.2	1.25
SS902-12	3/4	33.4	1.5
SS902-14	7/8	28.3	1.5



Application: Sealing

The stat-o-seal is the best sealing washer available. It consists of a synthetic rubber 'O' ring mechanically locked to the I.D. of an aluminum crush washer. This provides the advantages of an O ring seal, but with ease of fitting. Stat-o-seals will tolerate temperatures from: -30°C (-22°F) to 253°C (450°F)

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Large Capacity Fuel Filter Part No.: FF572

Application:
All Fuel and Oil systems

A 1.49 micron fuel or oil filter designed to be placed in line. These filters have a fine mesh filter which can be removed and cleaned.

FF572

LARGE CAPACITY FUEL FILTER	THREAD	SIZE	APPLICATIONS
FF572-04	7/16 X 20	GAIZE	OL/FUEL
FF572-06	9/16 X 18	GAIZE	OL/FUEL
FF572-08	3/4 X 16	GAIZE	OL/FUEL
FF572-10	7/8 X 14	GAIZE	OL/FUEL



Application:
All filtration requirements

A. High capacity fuel or oil filter designed to be placed in line. These filters have a fine mesh filter which can be removed and cleaned.

FF

FUEL FILTER	PART NO.	MATERIAL	COLOR	THREAD
FF	FF-06	DB	BLACK	-06
FF	FF-08	DB	BLACK	-08



Alloy Check (Flap) Valve Part No.: FCV

Application:
All Fuel and Oil systems

Alloy casted flap check valves for low pressure oil and fuel applications.

FCV

ALLOY CHECK VALVE	PART NO.	THREAD
FCV	FCV-04	-04
FCV	FCV-06	-06
FCV	FCV-08	-08
FCV	FCV-10	-10



Fuel Shut-off Taps Part No.: PV72

Application:
Fuel systems

Lightweight and compact tap, allowing full flow or 100% shut-off.

PV72

FUEL SHUT OFF TAPS	PART NO.	MATERIAL	INLET THREAD	OUTLET THREAD
PV72	PV72-04	CH	1/4" NPT	1/4" NPT
PV72	PV72-06	D	3/8" NPT	9/16 X 18 JIC UNF
PV72	PV72-08	D	3/8" NPT	3/4 X 16 JIC UNF



Section: 08 Ancillary

Material Key
B: Brass, **C:** Stainless Steel, **CH:** Chrome Plated, **D:** Aluminium,
EN: Electroless Nickel, **P:** Zinc Plated Carbon Steel, **T:** Titanium
GOODRIDGE
 FLUID TRANSFER SYSTEMS

Fireproof Sleeve: Part No: FG900

Application:
 Insulation and fire retardant,
 1099°C (2000°F) short term flame
 protection.

Operating Temp:
 -54°C (-65°F) to 260°C (500°F)
 To Suit Hose: All
 Material: Silicone

A silicone covered sleeve which acts as a fire retardant, an insulator and a chafe protector. Installed by inserting the hose into the sleeve prior to hose fitting assembly. The standard colour is silver, but also available in orange on request.



FIREPROOF SLEEVE		TUBE O.D. SIZE TO BE COVERED	TO SUIT HOSE
PART NO.	FG900-03S	1/4	600-02/03/04
	FG900-06S	3/8	600-06/200-04
	FG900-08S	1/2	200-36/08
	FG900-12S	3/4	200-10/12
	FG900-16S	1	200-16
	FG900-20S	1 1/4	710-16

Textalul: Part No: TEXTALU

Application:
 Insulation and fire retardant
 protection.

Material: Silicone
 Temp:
 Under continuous use:
 Up to 220°C (428°F)

An insulative fibreglass sleeving with a silicone coating designed to protect components in high temperature areas where the heavier fireproof sleeving is not required. It provides superior insulation to components that must maintain stable temperatures to assure performance efficiency. Its braided construction allows good flexibility in temperatures as low as -40°C.



TEXTALU		TO SUIT HOSE
PART NO.	TEXTALU-3/8	600-03 / 04
	TEXTALU-1/2	200-04
	TEXTALU-5/8	200-06
	TEXTALU-3/4	200-08
	TEXTALU-1	200-10 / 12

Raychem Heatshrink: Part No: DR-25

Application:
 Heat, abrasion and chemical
 resistant covering, capable of
 withstanding temperatures from:
 -75°C (-103°F) to 150°C (302°F)

To Suit Hose:
 600, 200, 210, 910, 710, 811, 510
 Material: Raychem
 Colour: Black

An insulative fibreglass sleeving with a silicone coating designed to protect components in high temperature areas where the heavier fireproof sleeving is not required. It provides superior insulation to components that must maintain stable temperatures to assure performance efficiency. Its braided construction allows good flexibility in temperatures as low as -40°C.



RAYCHEM HEATSHRINK		TO SUIT HOSE
PART NO.	DR-25-1/4	600-02
	DR-25-3/8	600-03/04
	DR-25-1/2	200-06
	DR-25-3/4	200-06/08
	DR-25-1	200-10/12
	DR-25-1 1/2	710-12/200-16
	DR-25-2	ANY 2 INCH APPLICATION

Aluminized Fibreglass: Part No: TCD

Application:
 Aluminized Fibreglass Sleeving offers
 continuous temperature protection,
 withstanding temperatures to:
 343°C (650°F) and short term
 temperatures of 538°C (1000°F)

To Suit Hose: All
 Material: Aluminized Fibreglass

Aluminized Fibreglass Sleeving offers continuous temperature protection to 650°F and short term thermal exposure to 1000°F. The sleeve reflects 90% of radiant heat energy.



ALUMINIZED FIBREGLASS		TO SUIT HOSE
PART NO.	TCD-2066	-6 GLASS LINE SLEEVE
	TCD-2066	-8 GLASS LINE SLEEVE
	TCD-2106	-10 GLASS LINE SLEEVE
	TCD-2126	-12 KEVLAR LINE SLEEVE
	TCD-212K	-12 KEVLAR LINE SLEEVE
	TCD-2166	-16 GLASS LINE SLEEVE

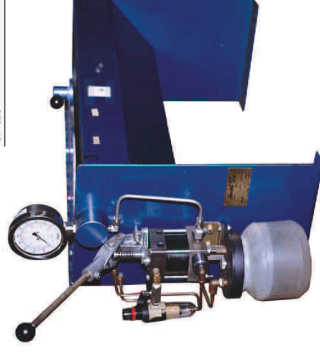
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Universal Test Rig Part No: SP-825

Application:
 The universal test rig allows hose assemblies to be pressure tested at up to 10,000 psi. A compressed air supply is required. A 7/16" x 20 UNF female port is provided for connecting assemblies.

UNIVERSAL TEST RIG	
PART NO.	SP-825



Crimper Part No: GR30H

Application:
 The GR30H crimper is a self contained, hand operated hydraulic crimper used to crimp G-Line XF hose assemblies.

This versatile machine comes in a fitted steel box with enough space to store all the tooling and a full set of dies.

Please Note:
 Additional power alternatives are available on request - Electric pump or pneumatic foot operated pump.



PART NO.	DESCRIPTION
GR30H	CRIMPER WITH HAND PUMP
GR30P	CRIMPER WITH PNEUMATIC PUMP

Crimper Die Part No: SP800 series

Application:
 Crimper Die
 To Suit:
 Crimper GR30H

Please Note:
 Special dies for other applications are available on request



PART NO.	DIE	TO SUIT COLLAR
101083-04	-04	RC9390-04
101073-06	-06	RCC9390-06
101073-08	-08	RC9390-08
101073-10	-10	RC9390-10
101073-12	-12	RC9390-12
101073-16	-16	RC9390-16
101073-20	-20	RC9390-20

Material Key
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EN: Electroless Nickel, **P:** Zinc Plated Carbon Steel, **T:** Titanium

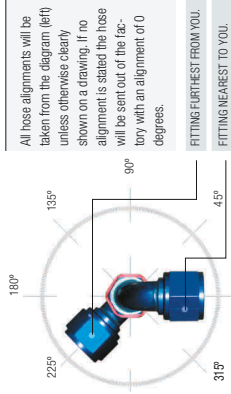
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Technical Information

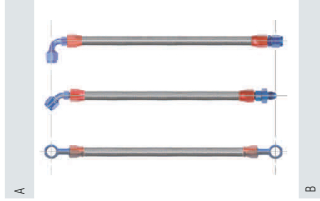
Correct Alignments



All hose alignments will be taken from the diagram (left) unless otherwise clearly shown on a drawing. If no alignment is stated the hose will be sent out of the factory with an alignment of 0 degrees.

FITTING FURTHEST FROM YOU.
 FITTING NEAREST TO YOU.

Correct Measurements



The following instructions are designed to eliminate confusion and ensure that correct hose lengths are supplied for assembly. When ordering hose assemblies please make sure the following instructions are followed.

All measurements are taken from the center of seat A to the center of seat B. This will apply in all cases unless CLEAR instructions are given on purchase order or a drawing supplied.

Hose Assembly Instructions

Whenever a hose assembly is used in either a static or dynamic flexing application, it is necessary to ensure that the center line bend radius is not taken below the minimum bend radius for the hose.

Hose assemblies should not be installed in such a manner that a torque loading is imposed, either during installation, or in subsequent use. Torque loading of the hose creates stresses in the hose, which can shorten the hose life, or cause the hose to collapse.

Whilst assembling the second end fitting, especially if it is a female union type or fitting, it is necessary to ensure that the final tightening of the nut does not also rotate the spigot, thus imposing the torque to the hose.

In the case of fit-usable fittings the hex on the body should be held with a spanner to prevent rotation.

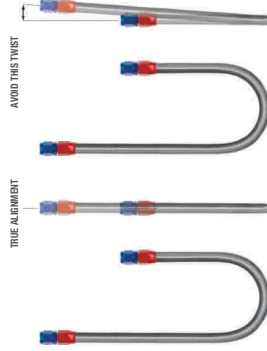
When the hose includes elbow fittings at both ends, it is important to ensure the correct alignment of the elbows relative to each other during hose manufacture. It is important to ensure that the hose is connected the right way round when installed. When the hose has an elbow at one end and a straight fitting the other end, always connect the elbow end first, to prevent possible mis-alignment.

In applications where the hose undergoes dynamic flexing, it is necessary to ensure that all bends in the hose are in one plane.

A hose which is bent in two or more planes and then flexed is subject to torsional forces which may damage the hose.

Damage
 Any visible evident damage to the hose, such as broken strands of braid, or severe distortion of the hose, or damage to the end fittings is cause for the hose to be withdrawn from service. The cause of the damage should then be identified, and steps taken to ensure that it does not re-occur.

TRUE ALIGNMENT



Terms and Conditions of Sale

Prices

Prices are in US dollars and are subject to change without notice. Quoted prices are valid for 30 days. Prices are suggested prices and possession of a price list does not guarantee the purchaser the prices therein. Your resale number must be provided for an opening order or sales tax may be charged depending on the state parts are delivered to. All prices exclude any freight charge or sales tax. Title of product transfers to buyer when product is paid in full.

Terms

Terms are Net 30 upon approval of credit. Orders can also ship COD or be paid with a credit card at time of shipment. Account is put on hold at 60 days from invoice date.

No shipments will be made until account is current. Finance charges of 1 1/2% per month will be assessed on any past due amount retroactive to the original invoice date.

Freight

All orders are F.O.B. Goodridge USA Inc. locations in Torrance, CA, Mooresville, NC or Tijuana, Mexico. Please inspect all packages immediately. Any damaged goods or shortages must be reported promptly to the freight carrier and it is the buyer's responsibility to file a claim with the freight carrier. Non-shipping related damaged goods or shortages must be reported to the originating Goodridge facility within seven days of receipt of goods.

Returns

All sales are considered final. Authorization must be obtained before returning any merchandise and is at the sole discretion of Goodridge USA Inc. Please contact the originating facility of the goods to obtain the RGA number. All returns are subject to the inspection of the item by Goodridge. All returned items must be in resalable condition in their original sealed packaging. All unauthorized returns, those shipped freight collect or those that do not mark the RGA number on the outside of the carton will be refused and returned at the buyer's expense.

Any special orders cannot be returned unless incorrect or defective. An RGA number must be obtained from the originating Goodridge facility and a 35% handling charge will be deducted from the credit. Special order goods will not be accepted after 7 days from the delivery date.

Warranty

Goodridge USA Inc. warrants that all Goodridge products will be free from defects in material and workmanship for 90 days from the date of the original purchase. Goodridge will not be liable for any defect in the goods based on any drawing, design or specification provided by the buyer, for any defect based on wear and tear, willful damage, negligence, misuse, improper installation, alteration or repair, or if the parts have not been paid in full.

This warranty is limited to the repair or replacement of parts and shall not exceed the original price of the goods. The buyer must obtain an RGA number from the originating Goodridge facility and send the parts back at the buyer's expense. If the cause of failure is determined to be defective material or workmanship and not misuse, abuse, accident or improper installation, then Goodridge will repair or replace the product free of charge and return the product to the buyer at Goodridge expense. Goodridge shall not be liable for any special, incidental, progressive or consequential damages.

Material Key

B: Brass, **C:** Stainless Steel, **CH:** Chrome Plated, **D:** Aluminium, **EN:** Electroless Nickel, **P:** Zinc Plated Carbon Steel, **T:** Titanium

GOODRIDGE
FLUID TRANSFER SYSTEMS



PARTS INDEX

PART NO	PG	PART NO	PG	PART NO	PG	PART NO	PG	PART NO	PG	PART NO	PG	PART NO	PG
910-04	2	40776	7	GQD05PS06F	15	1136-01	21	185-45	31	AN837	41	993	54
910-06	2	4001DFLM	7	GQD05PS06LF	15	1136-45	21	185	31	AN938	42	773	54
910-08	2	4091DFM	7	GQD08PP06F	15	1136-90	21	185-06	31	AN924	42	1013	54
910-10	2	4824	7	GQD08PP06BF	15	1136-120	21	185-10	31	AN919	42	BL775	54
910-12	2	RCC910	7	GQD08PS06F	15	1136-150	21	185-01	31	AN971	42	BL992	54
910-16	2	4431	8	GQD08PS06LF	15	1136-180	21	185-90	31	AN824	42	BL993	54
910-20	2	4445	8	GQD08PP08F	15	1136-01	22	600-02	34	919	43	BN506	55
811-04	2	4446	8	GQD08PP08BF	15	1136-30	22	600-03	34	AN894	43	BN507	55
811-06	2	4046-08	8	GQD08PS08F	15	1136-120	22	600-03BK	34	AN95	43	BN508	55
811-08	2	4046-10	8	GQD08PS08LF	15	1136-150	22	600-03SB	34	10100	44	BN510	55
811-10	2	4461	8	GQDPC08	15	1136-45	22	600-03CB	34	10120	44	BN704	55
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4091DFL	5	GQD05BS04F	14	200-12	18	536-90	29	700K-03BU	37	CPL-816	50		
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