

CATALOGUE

2017

POWERSPORTS



MAGURA

MAGURA.COM

GO YOUR OWN WAY

WITH MAGURA
POWERSPORTS

MAGURA has excelled as an acknowledged OEM leader for the global two-wheel industry for over 90 years, setting standards in safety, comfort and innovation. MAGURA is a pioneer in the world of hydraulics. It's no surprise to find long-established international companies such as BMW, KTM, Triumph, Ducati and many more turning to MAGURA when it comes to steering, brake and clutch products. MAGURA has been on board with BMW, for example, from their very first machine right through to the present day!

Improved safety and the development of innovative hydraulics technology have been the motivating forces driving the MAGURA brand for over nine decades. For high performance motor racing or everyday comfort – MAGURA makes an important contribution to ensuring that safety is a top priority for cyclists and MOTORCYCLE riders.

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Each major product assembly is identified with a model number and specific 7 digit order code. [Example: Model 73 brake lever, order code 0116934]. Always use the 7 digit order code for ordering, this will assure receiving the correct item. **B** after the order code indicates the item is out of production, available only as long as supply lasts.

Pricing delivery and other terms and conditions are those in effect at time of delivery.

HIGH- LIGHTS

2017

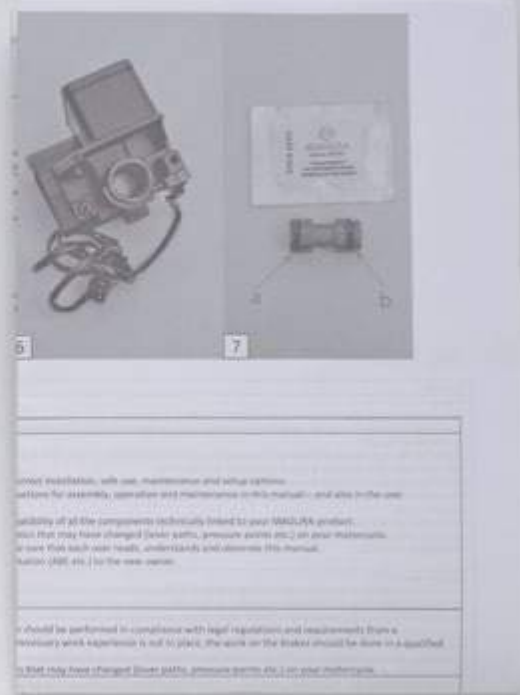
HCT RESERVOIR COVERS. MACHINED FROM HIGHEST GRADE ALUMINIUM, BLACK ANODISED AND LASERED - THESE ADD OPTICAL VALUE TO EVERY MAGURA MASTER CYLINDER FLUID RESERVOIR AND SUITABLE FOR USE ON ALL HC¹ AND HC³ MODELS. DETAILS FROM PAGE 60





HC³ BLACK – PREMIUM GRADE ALUMINIUM ALLOY - ANODISED BLACK WITH RED FEATURES. THESE MASTER CYLINDERS ARE A HIGHLIGHT ON EVERY MOTORCYCLE AND IMPROVE THE PERFORMANCE OF THE CLUTCH AND BRAKE. DETAILS FROM PAGE 20.

NEW PRODUCTS



MAGURA ANTIBUG: KEEPING YOUR VISION CLEAR.

WITH ITS NEW ANTIBUG VISOR CLEANING SPONGE, MAGURA HAS A CHEMICAL-FREE ALTERNATIVE TO KEEP YOUR HELMET VISOR FREE FROM INSECTS AND DIRT.

ORDER CODE: 2701163

PACKING UNIT: 50 PIECES



REPAIR KIT 288 (20 MM)

The repair kit 288 is suitable for all 20 mm master cylinders which began production with the first BMW K1 model and were also used in the first 4V 1100cc boxer models up to the introduction of the 1150 range. This kit includes all you require to repair a model 288 master cylinder. Before ordering please ensure that the cylinder is not internally scratched or worn.

Order Code: 2701122

MODEL	YEAR
K1	1988 – 1993
K 1100 RS	1991 – 1996
K 1100 LT	1991 – 1998
R 850 R	1994 – 2001
R 850 GS	1998 – 2000
R 1100 RS	1993 – 2001
R 1100 GS	1994 – 1999
R 1100 R	1994 – 1999
R 1100 RT	1995 – 2001

THE RADIAL
FAMILY

HCT

POWERSPORTS
TECHNOLOGY





HARD CORE TECHNOLOGY

HCT

BRAKE AND CLUTCH LIKE A PRO

The new patented MAGURA technology significantly improves the responsiveness of brake and clutch. Developed for the racetrack, the system inspires motorcycle professionals and recreational riders alike. In extreme conditions like racing, the novel "Advanced Seal Technology" prevents air from penetrating the hydraulic system. The HCT design diminishes internal friction, emphatically improving brake and clutch performance. The HCT hydraulic system uses a slotted piston with a stationary primary seal. It is fully compatible with all brake systems, with or without ABS (as of 2017). Damage caused by ABS kickbacks is also prevented. With its innovative HCT, MAGURA is once again setting the trends for comfort, safety and riding enjoyment.



TWO VERSIONS OF THE BRAKE AND CLUTCH SYSTEMS
BASED ON HCT TECHNOLOGY ARE CURRENTLY AVAILABLE.
MAGURA OFFERS PERFECTION FOR ALL MOTORBIKE
AFICIONADOS FROM COMFORT-ORIENTED TOURING
RIDERS AND DISCERNING CUSTOM BIKE FANS TO
RACING PROFESSIONALS.

POWERED WITH



HC¹ RADIAL
MASTER CYLINDER

280 cc

STREET KING



AT A GLANCE:

- For superbikes, supermotors and road sports specialists
- Optimal lever kinematics
- Brake lever reach is individually adjustable
- Highest possible manufacturing quality
- Lever and cylinder parts are forged
- Direct pressure point
- Sensitive and powerful braking and clutch operation
- Space-saving design
- Unmatched price-performance ratio
- ABS-compatible
- Leading international stunt riders rely on the HC¹



THE COMPACT

HCT1



HC¹ BRAKE MASTER

ORDER CODE	DESCRIPTION
2100453	HC ¹ Brake Master Piston diameter 18 mm, long lever blade
2100451	HC ¹ Brake Master Piston diameter 15 mm, long lever blade
2100452	HC ¹ Brake Master Piston diameter 12 mm, short lever blade

HC¹ CLUTCH MASTER

ORDER CODE	DESCRIPTION
2100457	HC ¹ Clutch Master Piston diameter 16 mm (for DOT), long lever blade
2100489	HC ¹ Clutch Master Piston diameter 13 mm (for DOT), long lever blade
2100454	HC ¹ Clutch Master Piston diameter 12 mm (for DOT), long lever blade
2100456	HC ¹ Clutch Master Piston diameter 13 mm (for mineral oil*), long lever blade
2100455	HC ¹ Clutch Master Piston diameter 12 mm (for mineral oil**), long lever blade




* Suitable for use with BMW and KTM mineral oil clutch activation systems.
** Suitable for MAGURA HYMEC applications.

OPTIONAL EXTRAS

(must be ordered separately)

- Short brake lever
- Mirror mount clamp
- Double banjo connector for 2 brake lines
- Radial adapter for HYMEC pressure line
- Various reservoir options
- HCT reservoir covers

 **SPARE PARTS AND ACCESSORIES**
ON PAGES 60-61

ITEMS INCLUDED WITH DELIVERY

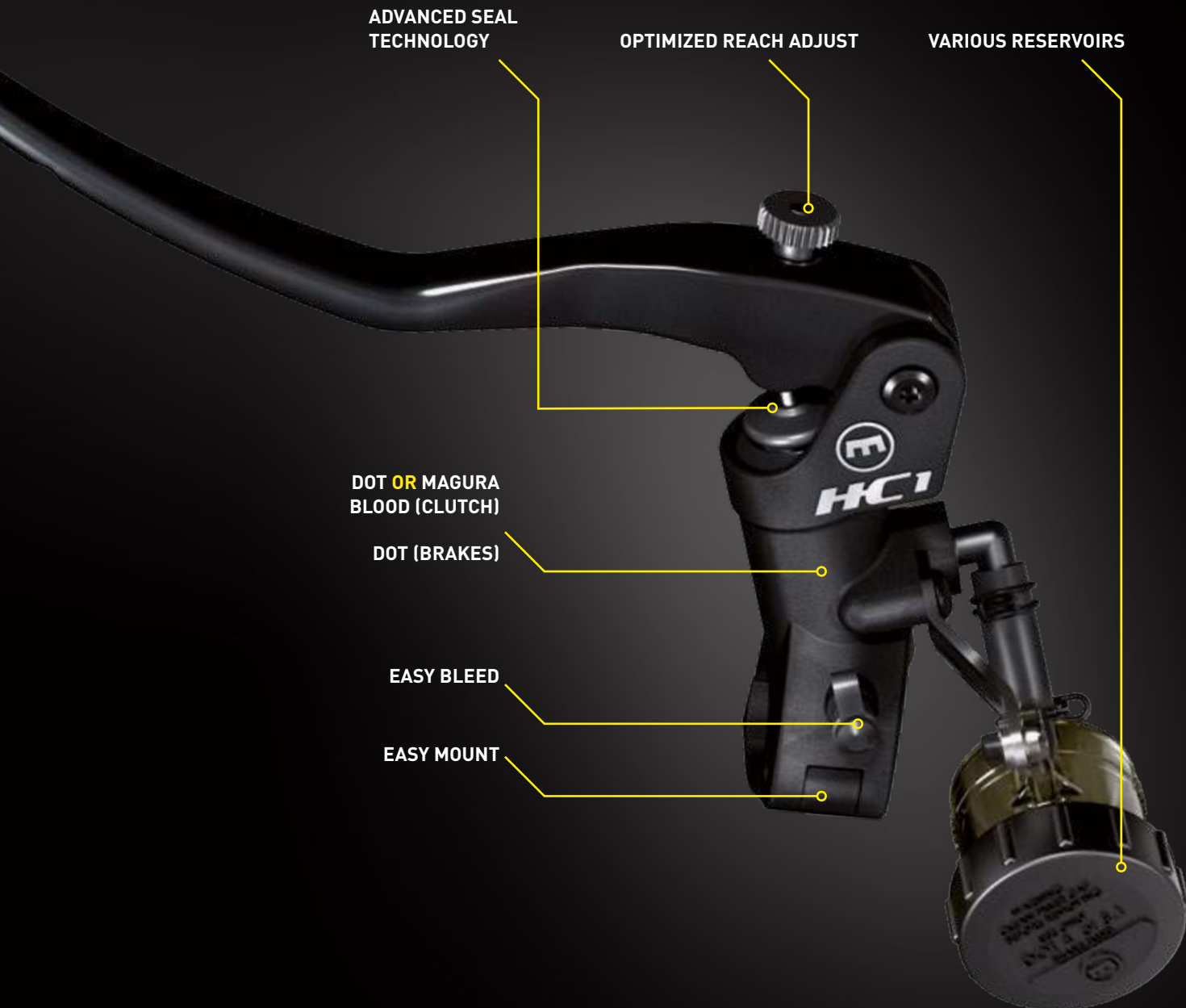
Every ready-to-mount HC¹ is delivered with these package contents:

- Banjo bolt with sealing rings (M10x1)
- Remote reservoir
- Standard clamp (without mirror mount)
- Brake light or start safety switch
- ABE for brake fitments
- Owner's Manual

IF YOUR OWN REQUIREMENTS IN DRIVING DYNAMICS, SAFETY AND COMFORT ARE MORE DEMANDING AND YOU WANT TO MAKE A GOOD BIKE EVEN BETTER, THEN IT'S TIME FOR THE NEW HC¹ FROM MAGURA. THE DECISION TO OPTIMISE YOUR OWN MOTORCYCLE IS MADE EASY BY THIS COMPACTLY-DESIGNED RADIAL FITMENT.

Every real fan of motorcycles will love the confidence-inspiring sensation of being able to brake and operate the clutch much more precisely, and the feeling of the strong, direct pressure point. We truly believe that you won't want to do without the performance of a MAGURA radial master cylinder once you've experienced it. Thanks to the pump's diagonal inclination, the HC¹ is also very easy to mount. Like all brand products from MAGURA, this ABS-compatible radial fitment stands out from the rest with its cutting-edge technology, sophisticated ergonomics and of course the outstanding MAGURA craftsmanship down to the last detail.

The HC¹ is supplied with a pre-mounted brake light switch and a compensating reservoir. Levers in two different lengths are available as spare parts, as well as various types of reservoir with matching holders and mirror mounting brackets.



HC³ RADIAL
MASTER CYLINDER

90°

TAKE THE LEAD





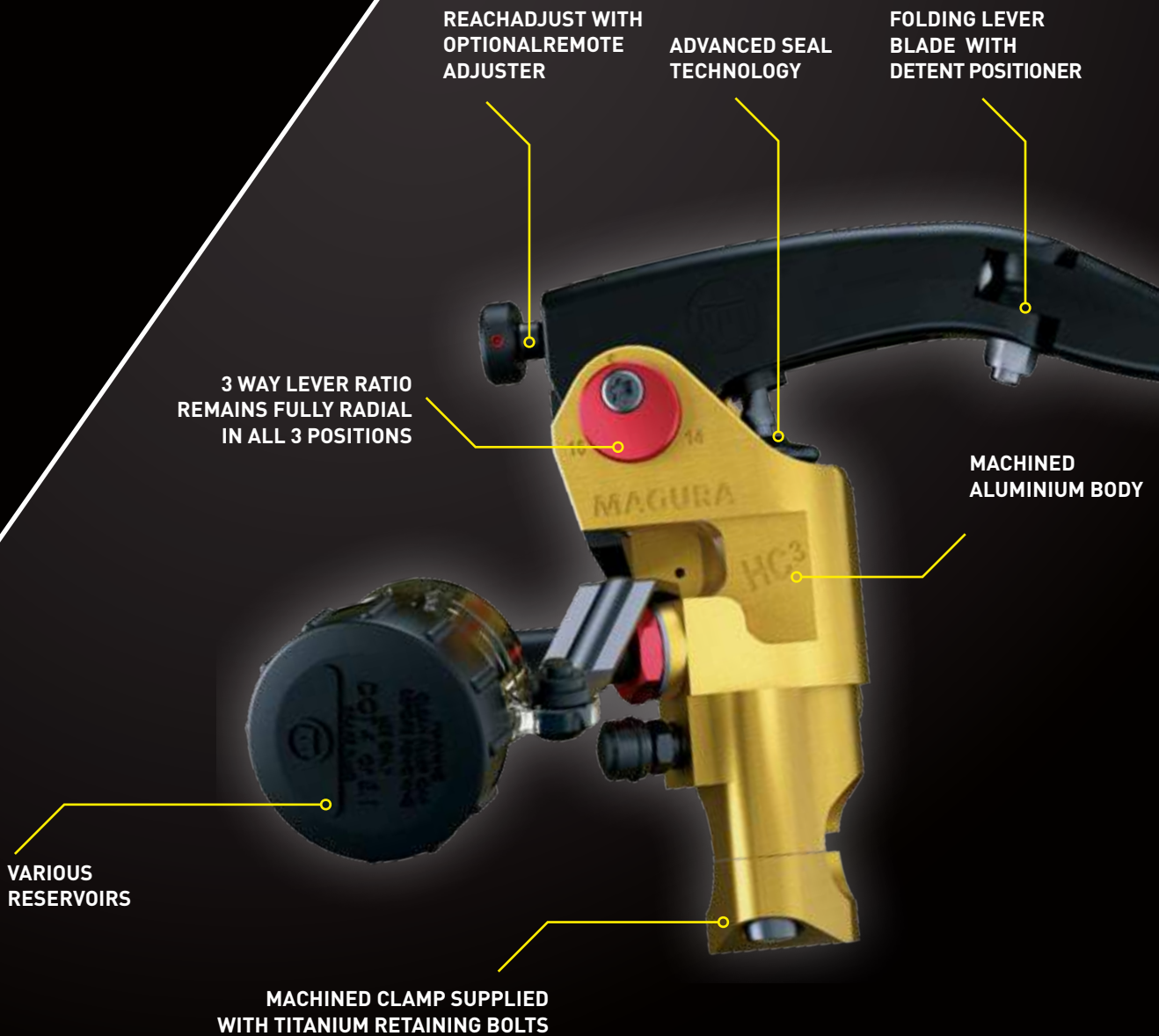
AT A GLANCE:

- For superbikes, supermotos and road sports specialists
- CNC-machined aluminium housing
- 90° radial design
- 3-way adjustable lever bearing point
- Folding lever
- Advanced Seal Technology
- Reservoir kit
- Titanium fixing screws
- ABS-compatible

THE PROFESSIONAL

HC3

APPROVED BY
MATTIE GRIFFIN, RS RACING,
MARKUS VOLZ, RAPTOR RACING
AND MEDAZA CYCLES.



MACHINED ALUMINIUM BODY – this master cylinder body has been produced from high grade aluminium alloy to ensure a lightweight design combined with maximum rigidity which has been built to last.

90° FULL RADIAL DESIGN – Pushrod and cylinder at right angle to handlebar results in decreased friction and more direct brake feeling for improved control.

FULL ABS COMPATIBILITY – MAGURA “HCT” is approved for continuous use with all ABS systems without loss of performance due to pressure compensation (ABS-Kickback). (Status 03.2017)

3 WAY LEVER RATIO – The hand activated master cylinder lever has a clever 3 way adjustable point of support. This mimics the effect of using a piston size 1 mm below and above the selected hydraulic ratio. Simply remove and reposition the lever support retaining bolt for a softer or harder pressure point. All 3 positions offer 90° full radial activation.

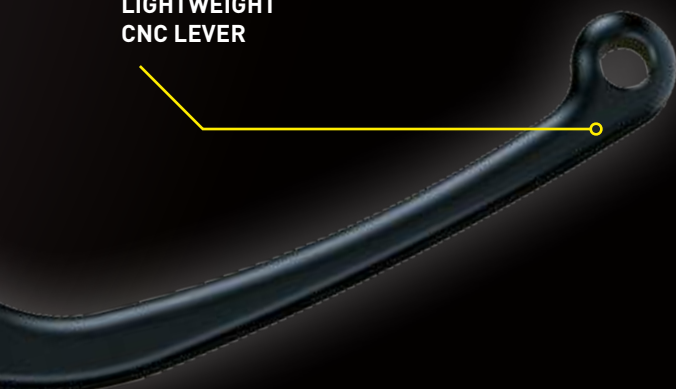
FOLDING LEVER BLADE – Reduces the force exerted on the master cylinder body in the event of a fall over. This will increase the possibility to continue riding following a fall over incident.

ADVANCED SECONDARY SEAL TECHNOLOGY – The rear piston seal has been specially designed to prevent the introduction of air through secondary seal ingress. The advanced X-Ring seal design will reduce or eliminate this problem common on racing motorcycles at higher RPM.

RESERVOIR MOUNT – The master cylinder is supplied with an external reservoir and mounting bracket designed to use minimum space and with smoked glass to optically determine the level and condition of the brake fluid at all times.

TITANIUM RETAINING BOLTS – Lever and clamp retaining bolts are high grade titanium saving weight while remaining strong and durable.

LIGHTWEIGHT
CNC LEVER



HC³ BRAKE MASTER

ORDER CODE	MODEL
2100299	HC ³ Brake Master Piston diameter 18 mm = 17 to 19 mm (fully ABE approved)
2100297	HC ³ Brake Master Piston diameter 15 mm = 14 to 16 mm (fully ABE approved)
2100298	HC ³ Brake Master Piston diameter 12 mm = 11 to 13 mm, short lever blade, without switch and ABE (race version)

HC³ CLUTCH MASTER

ORDER CODE	MODEL
2100300	HC ³ Clutch Master - Piston diameter 15 mm = 14 to 16 mm (for brake fluid use - DOT)
2100301	HC ³ Clutch Master - Piston diameter 12 mm = 11 to 13 mm (for mineral oil use*)

* Suitable for use with BMW and KTM mineral oil clutch activation systems
Suitable for use with MAGURA HYMEC applications

OPTIONAL EXTRAS

(must be ordered separately)

- Short fold lever*
- Mirror mount clamp
- Remote lever adjuster
- Double banjo connector for 2 brake lines
- Radial adapter for HYMEC pressure line
- HCT reservoir covers

* Standard equipment on 12 mm HC³ Brake Master for racing

 **SPARE PARTS AND ACCESSORIES**
ON PAGES 62-63

DELIVERY INCLUDES

Each HC³ master cylinder comes ready to install and delivery includes:

- 3 Way Lever Ratio (mimics ±1mm hydraulic ratio adjustment)
- Banjo Connector with sealing rings
- Remote Reservoir
- Standard Clamp (without mirror mount)
- Pre-Installed Switch (for brake or clutch activation)
- ABE (German TÜV Approval) for Ø 15 mm and Ø 18 mm brake master
- Owner's Manual

THE PROFESSIONAL

HC3

BLACK

APPROVED BY
MATTIE GRIFFIN, RS RACING,
MARKUS VOLZ, RAPTOR RACING
AND MEDAZA CYCLES.

REACH ADJUST WITH
OPTIONAL REMOTE
ADJUSTER

ADVANCED SEAL
TECHNOLOGY

FOLDING LEVER
BLADE WITH
DETENT POSITIONER

3 WAY LEVER RATIO
REMAINS FULLY RADIAL
IN ALL 3 POSITIONS

MACHINED
ALUMINIUM BODY

VARIOUS
RESERVOIRS

MACHINED CLAMP SUPPLIED
WITH TITANIUM RETAINING BOLTS

MACHINED ALUMINIUM BODY – this master cylinder body has been produced from high grade aluminium alloy to ensure a lightweight design combined with maximum rigidity which has been built to last.

90° FULL RADIAL DESIGN – Pushrod and cylinder at right angle to handlebar results in decreased friction and more direct brake feeling for improved control.

FULL ABS COMPATIBILITY – MAGURA “HCT” is approved for continuous use with all ABS systems without loss of performance due to pressure compensation (ABS-Kickback). (Status 03.2017)

3 WAY LEVER RATIO – The hand activated master cylinder lever has a clever 3 way adjustable point of support. This mimics the effect of using a piston size 1 mm below and above the selected hydraulic ratio. Simply remove and reposition the lever support retaining bolt for a softer or harder pressure point. All 3 positions offer 90° full radial activation.

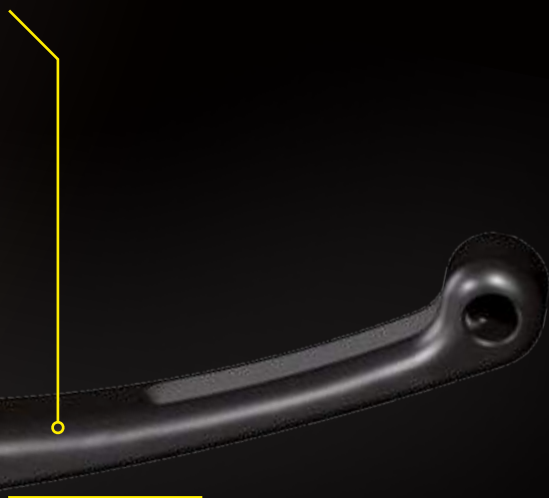
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RESERVOIR MOUNT – The master cylinder is supplied with an external reservoir and mounting bracket designed to use minimum space and with smoked glass to optically determine the level and condition of the brake fluid at all times.

TITANIUM RETAINING BOLTS – Lever and clamp retaining bolts are high grade titanium saving weight while remaining strong and durable.

LIGHTWEIGHT CNC LEVER



HC³ BRAKE MASTER

ORDER CODE	MODEL
2100691	HC ³ Brake Master Piston diameter 18 mm = 17 to 19 mm (fully ABE approved)
2100689	HC ³ Brake Master Piston diameter 15 mm = 14 to 16 mm (fully ABE approved)
2100690	HC ³ Brake Master Piston diameter 12 mm = 11 to 13 mm, short lever blade, without switch and ABE (race version)

HC³ CLUTCH MASTER

ORDER CODE	MODEL
2100692	HC ³ Clutch Master - Piston diameter 15 mm = 14 to 16 mm (for brake fluid use - DOT)
2100693	HC ³ Clutch Master - Piston diameter 12 mm = 11 to 13 mm (for mineral oil use*)

* Suitable for use with BMW and KTM mineral oil clutch activation systems
Suitable for use with MAGURA HYMEC applications

OPTIONAL EXTRAS

(must be ordered separately)

- Short fold lever*
- Mirror mount clamp
- Remote lever adjuster
- Double banjo connector for 2 brake lines
- Radial adapter for HYMEC pressure line
- HCT reservoir covers

* Standard equipment on 12 mm HC³ Brake Master for racing

 **SPARE PARTS AND ACCESSORIES**
ON PAGES 62-63

DELIVERY INCLUDES

Each HC³ master cylinder comes ready to install and delivery includes:

- 3 Way Lever Ratio (mimics ±1mm hydraulic ratio adjustment)
- Banjo Connector with sealing rings
- Remote Reservoir
- Standard Clamp (without mirror mount)
- Pre-Installed Switch (for brake or clutch activation)
- ABE (German TÜV Approval) for Ø 15 mm and Ø 18 mm brake master
- Owner's Manual

HC¹ AND HC³ | ABE RECOMMENDED FITMENT TABLE

MAKE/MODEL	CCM	TYP	ABE	AB	HC ¹			HC ³	
					12 MM	15 MM	18 MM	15 MM	18 MM
APRILIA									
Shiver	750	RA	e11*0619*	2008		x		x	
Shiver SL GT	750	RA	e11*0619*	2009		x		x	
SL 750 Shiver	750	RA	e11*0619*	2007		x		x	
SL 750 Shiver ABS	750	RA	e11*0619*05	2009		x		x	
Tuono V4	1000	TY	e11*1156*	2011					x
Tuono V4 APRC	1000	TY	e11*1156*	2011					x
Tuono V4 APRC ABS	1000	TY	e11*1156*	2011					x
Tuono V4 Factory	1000	TY	e11*1156*	2011					x
RSV 1000 R	1000	RR	e11*0093*02	2006					x
RSV Mille R	1000	RR	e11*0093*	2004					x
RSV Mille R Factory	1000	RR	e11*0093*	2004					x
Tuono 1000	1000	RR	e11*0093*02	2006					x
RSV 1000 /R	1000	RP	e11*0027*	2000					x
RSV 1000 Tuono	1000	RP	e11*0027*	2002					x
RSV 4 ABS	1000	RK	e11*0749*04	2013			x		x
RSV 4 Factory	1000	RK	e11*0749*	2009			x		x
RSV 4 Factory APRC	1000	RK	e11*0749*02	2010			x		x
RSV 4 Factory APRC ABS	1000	RK	e11*0749*05	2013			x		x
RSV 4 R	1000	RK	e11*0749*	2009			x		x
RSV 4 R APRC	1000	RK	e11*0749*02	2010			x		x
RSV 4 RF	1000	RK	e11*0749*06	2015			x		x
RSV 4 RR	1000	RK	e11*0749*06	2015			x		x
Dorsoduro 1200 ABS	1200	TV	e11*1052*	2011		x		x	
BENELLI									
TRE-K 899	899	TK	e1*0312*02	2007			x		x
TRE-K 899 Amazonas	899	TK	e1*0312*02	2009			x		x
TRE-K 899 M.Y. 2011	899	TK	e1*0312*04	2011			x		x
TRE-K 1130	1130	TK	e1*0312*	2007			x		x
TRE-K 1130 Amazonas	1130	TK	e1*0312*01	2008			x		x
TRE-K 1130 M.Y. 2011	1130	TK	e1*0312*04	2011			x		x
BIMOTA									
DB5 R	992	DB05	e11*0251*01	2006			x		x
DBX	1078	DB0X	e11*1659*	2013			x		x
DB6 R	1078	DB06	e11*0443*03	2008			x		x
DB5 R	1078	DB05	e11*0251*03	2007			x		x
Tesi 3D	1078	BT3D	e11*0622*	2007			x		x
DB9 Brivido S	1198	DB09	e11*1515*	2012			x		x
DB11	1198	DB08	e11*0987*03	2013			x		x
DB8	1198	DB08	e11*0987*	2010			x		x
BMW MORE 2V BOXER AND K MODELS SEE ABE HC¹ - MAGURA.COM									
R 45	650	BMW248	A682/1	81	x				
R 65	650	BMW247	A339/2	85		x			
R 65	650	BMW247	A339/3	89		x			
R 65	650	BMW248	A682/1	81		x			
R 65	650	BMW248	A682/1	93		x			
R 65 GS	650	BMW247	B791/1	80	x				
R 65 RT	650	BMW247	A339/2	85		x			
R 65 RT	650	BMW247	A339/3	93		x			
R 65 LS	650	BMW248	A682/1	81		x			
K 75	750	BMW75	D796	85		x			
K 75	750	BMW75	D796/1	92		x			
K 75 RT	750	BMW75	D796	85		x			
K 75 RT	750	BMW75	D796/1	92		x			
K 75 S	750	BMW75	D796	85		x			
K 75 S	750	BMW75	D796/1	93		x			
R 80	800	BMW247	A339/1	81		x			
R 80	800	BMW247	A339/2	85		x			
R 80	800	BMW247	A339/3	89		x			
R 80 RT	800	BMW247	A339/1	82		x			
R 80 RT	800	BMW247	A339/2	85		x			
R 80 RT	800	BMW247	A339/3	89		x			
R 80 RT	800	BMW247	A339/3	93		x			
R 80 RT	800	BMW247E	B791/1	85		x			
Paris Dakar 800	800	BMW247E	B791	81		x			
R 80 GS	800	BMW247E	B791	81		x			
R 80 GS	800	BMW247E	B791	83		x			

If your motorcycle model is not listed here please write to powersports@magura.com including details on your current master cylinder and request a recommendation.

SERVICE

To obtain the full performance from your HC master you will need to return it to **MAGURA** or to a certified service partner to have it serviced. We recommend a service every 100,000 km or 10 years.

MAKE/MODEL	CCM	TYP	ABE	AB	HC ¹			HC ³	
					12 MM	15 MM	18 MM	15 MM	18 MM
BMW MORE 2V BOXER AND K MODELS SEE ABE HC1 - MAGURA.COM									
R 80 GS	800	BMW247E	B791/1	88		x			
R 80 GS Paris Dakar	800	BMW247E	B791/1	87		x			
F 800 GT	800	E8ST	e1*0283*06	2012		x		x	
F 800 R	800	E8ST	e1*0283*02	2009		x		x	
F 800 S	800	E8ST	e1*0283*	2006		x		x	
F 800 ST	800	E8ST	e1*0283*	2006		x		x	
R 100	1000	BMW247	A339/1	81		x			
R 100	1000	BMW247	A339/2	84		x			
R 100	1000	BMW247	A339/3	89		x			
R 100 CS	1000	BMW247	A339/1	81		x			
R 100 CS	1000	BMW247	A339/2	85		x			
R 100 CS	1000	BMW247	A339/3	89		x			
R 100 RS	1000	BMW247	A339/1	81		x			
R 100 RS	1000	BMW247	A339/1	81		x			
R 100 RS	1000	BMW247	A339/1	84		x			
R 100 RS	1000	BMW247	A339/2	85		x			
R 100 RS	1000	BMW247	A339/3	89		x			
R 100 RT	1000	BMW247	A339/1	81		x			
R 100 RT	1000	BMW247	A339/2	85		x			
R 100 GS	1000	BMW247E	A339/1	87		x			
R 100 GS	1000	BMW247E	A339/1	89		x			
R 100 GS Dakar	1000	BMW247E	A339/1	88		x			
HP4	1000	K10	e1*0421*04	2012			x		x
S 1000 R	1000	K10	e1*0421*05	2014			x		x
S 1000 RR	1000	K10	e1*0421*	2009			x		x
S 1000 RR	1000	K10	e1*0421*06	2015			x		x
S 1000 RR ABS	1000	K10	e1*0421*	2009			x		x
S 1000 RR HP4	1000	K10	e1*0421*04	2013			x		x
S 1000 XR	1000	K10	e1*0421*07	2015		x			x
R 1100 S	1100	R2S	e1*0102*	2001			x		x
R 1100 S	1100	R11S	e1*0210*	2004			x		x
R 1100 S Boxer Cup Replika	1100	R11S	e1*0210*	2004			x		x
HP2 Enduro	1200	RHP2	e1*0254*	2006		x		x	
HP2 Megamoto	1200	RHP2	e1*0254*02	2007			x		x
R 1200 R	1200	R1ST	e1*0230*	2006			x		x
R 1200 R	1200	R1ST	e1*0230*08	2011			x		x
R nine T	1200	R1ST	e1*0230*10	2014			x		x
R 1200 R LC	1200	R12WR	e1*0650*	2015		x		x	
R 1200 RS LC	1200	R12WR	e1*0650*01	2015		x		x	
HP2 Sport	1200	R12S	e1*0284*01	2008			x		x
K 1300 GT	1300	K12S	e1*0217*06	2008			x		x
K 1300 R	1300	K12S	e1*0217*06	2008			x		x
K 1300 S	1300	K12S	e1*0217*06	2008			x		x
K 1600 GT	1600	K16GT	e1*0498*	2011			x		x
K 1600 GTL	1600	K16GT	e1*0498*	2011			x		x
K 1600 GTL Exclusive	1600	K16GT	e1*0498*02	2014			x		x
DUCATI									
Monster 659	659	M5	e3*0497*09	2011			x		x
Monster 659 ABS	659	M5	e3*0497*09	2011			x		x
Monster 696	696	M5	e3*0497*	2008			x		x
Monster 696 20th Anniversary	696	M5	e3*0497*12	2012			x		x
Monster 696 ABS	696	M5	e3*0497*04	2010			x		x
Monster 796	796	M5	e3*0497*06	2010			x		x
Monster 796 ABS	796	M5	e3*0497*06	2010			x		x
Monster 795	796	M1	e3*0579*	2012			x		x
Monster 795 ABS	796	M1	e3*0579*	2012			x		x
Hypermotard 796	796	B1	e3*0458*01	2009			x		x
Scrambler Classic	803	K1	e9*6054*	2015		x		x	
Scrambler Classic (Thai)	803	K1	e9*6053*	2015		x		x	
Scrambler Full Throttle	803	K1	e9*6054*	2015		x		x	
Scrambler Full Throttle (Thai)	803	K1	e9*6053*	2015		x		x	
Scrambler Icon	803	K1	e9*6054*	2015		x		x	
Scrambler Icon (Thai)	803	K1	e9*6053*	2015		x		x	
Scrambler Urban Enduro	803	K1	e9*6054*	2015		x		x	
Scrambler Urban Enduro (Thai)	803	K1	e9*6053*	2015		x		x	
Monster 821	821	M7	e9*6038*	2014			x		x

The complete ABE listing with recommended fitting for more motorcycle models is available to download at magura.com

HC¹ AND HC³ | ABE RECOMMENDED FITMENT TABLE

MAKE/MODEL	CCM	TYP	ABE	AB	HC ¹			HC ³	
					12 MM	15 MM	18 MM	15 MM	18 MM
DUCATI									
Monster 821	821	M6	e9*6025*01	2014			x		x
Hypermotard 821	821	B1	e9*6016*	2013			x		x
Hypermotard SP 821	821	B1	e9*6016*	2013			x		x
Hyperstrada 821	821	B1	e9*6016*	2013			x		x
Streetfighter 848	848	F1	e3*0539*03	2012			x		x
Panigale 899	899	H8	e3*0586*03	2014			x		x
999	999	H4	e3*0147*	2002			x		x
999 R	999	H4	e3*0147*	2002			x		x
999 S	999	H4	e3*0147*	2002			x		x
1098	1098	H7	e3*0436*	2006			x		x
1098/ R / S / Tricolore / Bayliss	1098	H7	e3*0436*	2006			x		x
Monster 1100	1100	M5	e3*0497*02	2008			x		x
Monster 1100 20th Anniversary	1100	M5	e3*0497*12	2012			x		x
Monster 1100 ABS	1100	M5	e3*0497*04	2010			x		x
Monster 1100 evo ABS	1100	M5	e3*0497*08	2011			x		x
Monster 1100 S	1100	M5	e3*0497*02	2008			x		x
Monster 1100 S ABS	1100	M5	e3*0497*04	2010			x		x
Monster Diesel	1100	M5	e3*0497*11	2012			x		x
Hypermotard 1100	1100	B1	e3*0458*	2007			x		x
Hypermotard 1100 evo	1100	B1	e3*0458*02	2009			x		x
Hypermotard 1100 evo SP	1100	B1	e3*0458*02	2009			x		x
Hypermotard 1100 S	1100	B1	e3*0458*	2007			x		x
1098 R / Bayliss	1198	H7	e3*0436*02	2008			x		x
1198	1198	H7	e3*0436*03	2009			x		x
1198 R	1198	H7	e3*0436*04	2010			x		x
1198 S	1198	H7	e3*0436*03	2009			x		x
1198 SP	1198	H7	e3*0436*04	2011			x		x
Diavel ABS	1198	G2	e9*0528*	2012			x		x
Diavel Carbon ABS	1198	G2	e9*0528*	2012			x		x
Diavel	1198	G1	e3*0575*	2011			x		x
Diavel Carbon	1198	G1	e3*0575*	2011			x		x
Panigale 1199	1199	H8	e3*0586*	2012			x		x
Panigale 1199 ABS	1199	H8	e3*0586*	2012			x		x
Panigale 1199 R	1199	H8	e3*0586*	2012			x		x
Panigale 1199 S	1199	H8	e3*0586*	2012			x		x
Panigale 1199 S ABS	1199	H8	e3*0586*	2012			x		x
Panigale 1199 S Tricolore ABS	1199	H8	e3*0586*	2012			x		x
Panigale 1199 Superleggera	1199	H8	e3*0586*04	2014			x		x
Monster 1200	1200	M6	e9*6025*	2014			x		x
Monster 1200 S	1200	M6	e9*6025*	2014			x		x
Multistrada 1200	1200	AA	e3*168/2013*0001*	2015			x		x
Multistrada 1200 (Thai)	1200	AA	e3*168/2013*0002*	2015			x		x
Multistrada 1200 D Air	1200	AA	e3*168/2013*0001*01	2015			x		x
Multistrada 1200 D Air (Thai)	1200	AA	e3*168/2013*0002*	2015			x		x
Multistrada 1200 Pikes Peak	1200	AA	e3*168/2013*0001*	2015			x		x
Multistrada 1200 Pikes Peak (Thai)	1200	AA	e3*168/2013*0002*	2015			x		x
Multistrada 1200 S	1200	AA	e3*168/2013*0001*	2015			x		x
Multistrada 1200 S (Thai)	1200	AA	e3*168/2013*0002*	2015			x		x
Multistrada 1200	1200	A3	e24*0139*	WW			x		x
Multistrada 1200 D-Air	1200	A3	e24*0139*02	2014			x		x
Multistrada 1200 S	1200	A3	e24*0139*	2013			x		x
Multistrada 1200 S Granturismo	1200	A3	e24*0139*	2013			x		x
Multistrada 1200 S Granturismo D-Air	1200	A3	e24*0139*02	2014			x		x
Multistrada 1200 S Pikes Peak	1200	A3	e24*0139*	2013			x		x
Multistrada 1200 S Pikes Peak D-Air	1200	A3	e24*0139*02	2014			x		x
Multistrada 1200 S Touring D-Air	1200	A3	e24*0139*02	2014			x		x
Multistrada 1200	1200	A1	e3*0595*	2013			x		x
Multistrada 1200 S	1200	A1	e3*0595*	2013			x		x
Multistrada 1200 S Granturismo	1200	A1	e3*0595*	2013			x		x
Multistrada 1200 S Pikes Peak	1200	A1	e3*0595*	2013			x		x
Panigale 1299	1299	H9	e49*0001*	2015			x		x
Panigale 1299 R	1299	H9	e49*0001*	2015			x		x
Panigale 1299 S	1299	H9	e49*0001*	2015			x		x
ZZR 1400 ABS	1400	ZXT40A	e4*0912*	2006			x		x
GTR 1400	1400	ZGT40E	e1*0647*	2015			x		x

If your motorcycle model is not listed here please write to powersports@magura.com including details on your current master cylinder and request a recommendation.

SERVICE

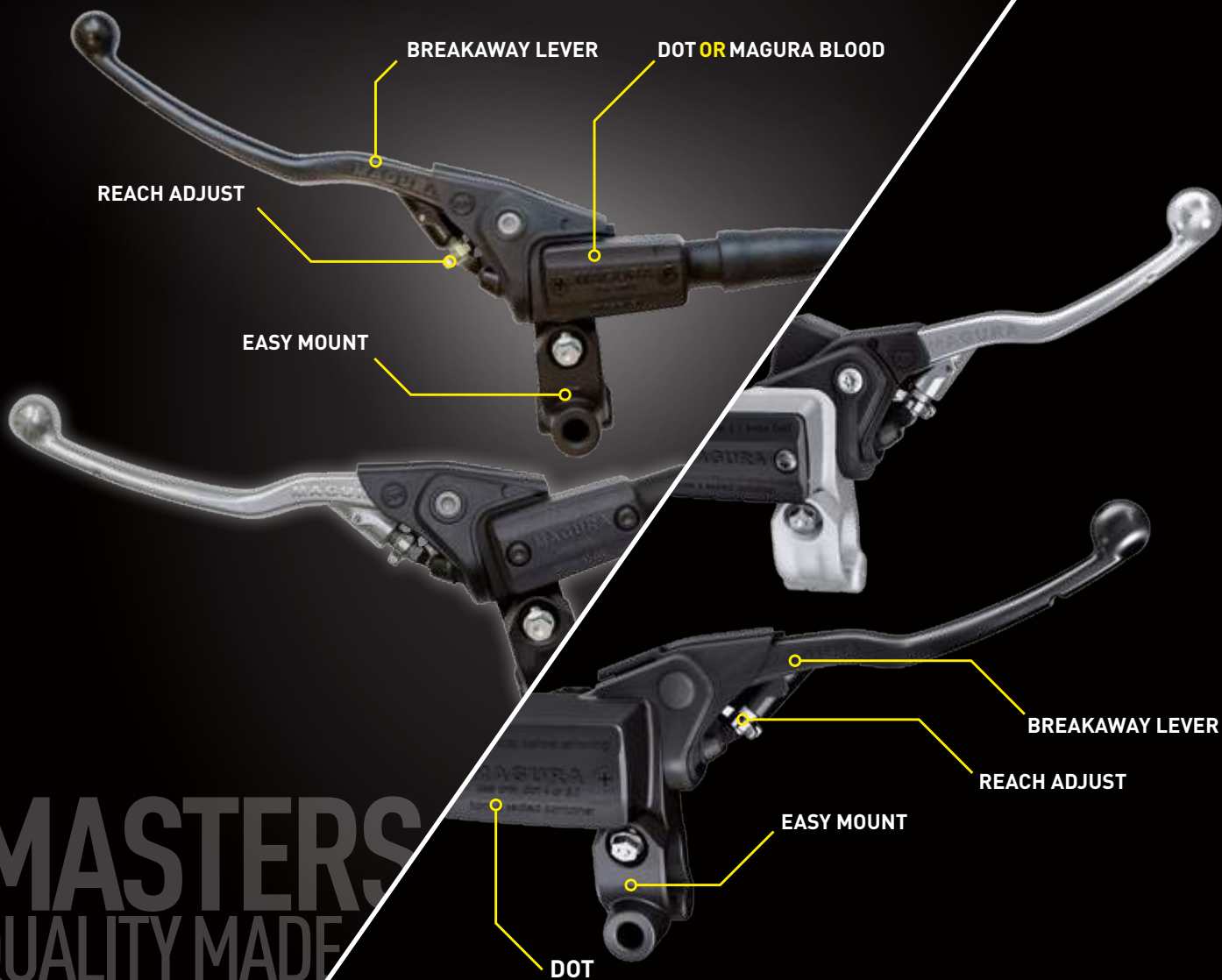
To obtain the full performance from your HC master you will need to return it to **MAGURA** or to a certified service partner to have it serviced. We recommend a service every 100,000 km or 10 years.

MAKE/MODEL	CCM	TYP	ABE	AB	HC ¹			HC ³	
					12 MM	15 MM	18 MM	15 MM	18 MM
HONDA									
CBR 600 RR ABS	600	PC40	e4*1247*03	2013			x		x
CBR 600 RR	600	PC37	e4*0190*02	2005			x		x
VFR 800 X Crossrunner	800	RC80	e4*3110*	2015			x		x
CBR 900 RR Fireblade	900	SC50	e13*0052*	2002			x		x
CB 900 F Hornet	900	SC48	e13*0051*	2001		x		x	
CBR 1000 RR Fireblade	1000	SC59	e4*1726*	2008			x		x
CBR 1000 RR Fireblade ABS	1000	SC59	e4*1726*02	2009			x		x
CBR 1000 RR Fireblade ABS	1000	SC59	e4*1726*04	2012			x		x
CBR 1000 RR Fireblade SP	1000	SC59	e4*1726*06	2014			x		x
VFR 1200 F	1200	SC63	e4*2383*	2010			x		x
CB 1300 F	1300	SC54	e4*0187*	2003		x		x	
HOREX									
VR6 Classic	1200	HX	e1*0586*	2013			x		x
VR6 Roadster	1200	HX	e1*0586*	2013			x		x
HUSQVARNA									
TE	511	A6	e3*0574*	2011	x				
SM 630	600	A4	e3*0557*	2010	x				
TE 630	600	A4	e3*0557*	2010	x				
Nuda 900	900	A7	e3*0585*	2012		x		x	x
Nuda 900 R	900	A7	e3*0585*	2012		x		x	x
KAWASAKI									
Z 300	300	ER300A	e1*0663*	2015		x		x	
ZX 6R Ninja	600	ZX600R	e4*2077*	2009			x		x
ZX 6R Ninja 636	636	ZX636E	e1*0571*	2013			x		x
ZX 6R Ninja 636 ABS	636	ZX636E	e1*0571*	2013			x		x
Z 800 e	800	ZR800C	e4*2909*	2013		x		x	
Z 800 e ABS	800	ZR800C	e4*2909*	2013		x		x	
Z 800	800	ZR800A	e4*2908*	2013		x		x	
Z 800 ABS	800	ZR800A	e4*2908*	2013		x		x	
H2 R	1000	ZXT00N	EBE	2015			x		x
Z 1000 SX	1000	ZXT00L	e1*0611*	2014			x		x
Z 1000 SX ABS	1000	ZXT00L	e1*0611*	2013			x		x
ZX 10R Ninja	1000	ZXT00J	e4*2548*	2011			x		x
ZX 10R Ninja ABS	1000	ZXT00J	e4*2548*	2011			x		x
Z 1000 SX	1000	ZXT00G	e1*0486*	2011			x		x
Z 1000 SX ABS	1000	ZXT00G	e1*0486*	2011			x		x
ZX 10R Ninja	1000	ZXT00F	e1*0443*	2010			x		x
ZX 10R Ninja	1000	ZXT00E	e1*0350*	2008			x		x
Z 1000	1000	ZRT00F	e4*3009*	2014			x		x
Z 1000 ABS	1000	ZRT00F	e4*3009*	2014			x		x
Z 1000	1000	ZRT00D	e4*2374*	2010			x		x
Z 1000 ABS	1000	ZRT00D	e4*2374*	2010			x		x
Z 1000	1000	ZRT00B	e4*1275*	2007			x		x
Z 1000 ABS	1000	ZRT00B	e4*1275*	2007			x		x
Versys 1000	1000	LZT00B	e4*3111*	2015		x		x	
ZX 14R	1400	ZXT40E	e4*2810*	2012			x		x
ZZR 1400 ABS	1400	ZXT40E	e4*2810*	2012			x		x
ZZR 1400	1400	ZXT40C	e4*1560*	2007			x		x
ZZR 1400 ABS	1400	ZXT40C	e4*1560*	2007			x		x
ZZR 1400	1400	ZXT40A	e4*0912*	2006			x		x
ZZR 1400 ABS	1400	ZXT40A	e4*0912*	2006			x		x
GTR 1400	1400	ZGT40E	e1*0647*	2015			x		x
KTM									
RC 390	390	KTM IS RC	e1*0646*	2014		x		x	
Duke 390	390	KTM IS Duke	e1*0512*04	2013		x		x	
690 SMC R	690	KTM 690 LC4	e1*0354*04	2011		x		x	
950 Supermoto	950	KTM LC8 SM	e1*0249*	2005			x		x
990 Supermoto T	990	KTM LC8 SM	e1*0249*	2008			x		x
990 Superduke	990	KTM LC8 EFI	e1*0232*	2005			x		x
990 Superduke R	990	KTM LC8 EFI	e1*0232*	2005			x		x
RC8	1200	KTM RC8	e1*0379*	2008			x		x
RC8 R	1200	KTM RC8	e1*0379*01	2009			x		x
1290 Superduke R	1290	KTM Superduke	e1*0620*	2014			x		x

HC¹ AND HC³ | ABE RECOMMENDED FITMENT TABLE

MAKE/MODEL	CCM	TYP	ABE	AB	HC ¹			HC ³	
					12 MM	15 MM	18 MM	15 MM	18 MM
MOTO GUZZI									
V7 CLASSIC	750	LW	e11*0671*	2008		x		x	
V7 CLASSIC CAFE	750	LW	e11*0671*	2009		x		x	
V7 RACER	750	LW	e11*0671*	2011		x		x	
Breva 1100	1100	LP	e11*0152*	2005			x		x
Breva 1100 ABS	1100	LP	e11*0152*	2005			x		x
MOTO GUZZI									
V7 CLASSIC	750	LW	e11*0671*	2008		x		x	
V7 CLASSIC CAFE	750	LW	e11*0671*	2009		x		x	
V7 RACER	750	LW	e11*0671*	2011		x		x	
Breva 1100	1100	LP	e11*0152*	2005			x		x
Breva 1100 ABS	1100	LP	e11*0152*	2005			x		x
MV AGUSTA									
F3 675	675	F3	e3*0587*	2012			x		x
F3 675 Oro	675	F3	e3*0587*	2012			x		x
Brutale 675	675	B3	e3*0590*	2012			x		x
Brutale 675	675	3B	e3*0591*	2012			x		x
Rivale 800	800	S3	e3*0603*	2013			x		x
Rivale 800 ABS	800	S3	e3*0603*01	2014			x		x
Stradale 800 ABS	800	S3	e3*0603*	2013			x		x
F3 800	800	F3	e3*0587*01	2013			x		x
Dragster 800	800	B3	e3*0590*03	2014			x		x
Brutale	921	B5	e3*0554*01	2011			x		x
F4 1000	1000	F6	e3*0564*01	2011			x		x
F4 1000 RR	1000	F6	e3*0564*01	2011			x		x
F4 R ABS	1000	F6	e3*0564*	2011			x		x
F4 RC	1000	F6	e3*0564*	2011			x		x
F4 RR ABS	1000	F6	e3*0564*	2011			x		x
Brutale R	1090	B5	e3*0554*02	2011			x		x
Brutale RR	1090	B5	e3*0554*02	2011			x		x
SUZUKI									
GSX R 600	600	WVCV	e4*1756*	2008			x		x
GSX R 600	600	C3	e4*2578*	2011			x		x
GSX R 750	750	WVCW	e4*1852*	2008			x		x
GSX R 750	750	WVBD	e4*0068*	2000			x		x
GSX R 750	750	C4	e4*2587*	2011			x		x
GSX R 1000	1000	WVCY	e4*2132*02	2012			x		x
GSX R 1000	1000	WVCY	e4*2132*	2009			x		x
DL 1000 V-Strom	1000	WVBS	e4*0142*	2007			x		x
GSX 1300 R Hayabusa	1300	WVCK	e4*1618*	2008		x		x	
TRIUMPH									
Street Triple	675	L67LR3	e11*1533*	2012		x		x	
Street Triple	675	L67LR	e11*1512*	2012		x		x	
Street Triple R	675	L67LR	e11*1512*	2012			x		x
Daytona 675	675	H67	e11*1592*	2013			x		x
Daytona 675 R	675	H67	e11*1592*	2013			x		x
Speed Triple	1050	515NV	e11*1049*	2011			x		x
Speed Triple R	1050	515NV	e11*1049*02	2012			x		x
Speed Triple S	1050	515NJ	e11*0135*	2005		x		x	
Tiger Sport 1050	1050	115NG	e11*1604*	2013			x		x
VYRUS									
987 C3 4V	1198	984	e11*0672*01	2011			x		x
YAMAHA									
MT-250	250	RG10	e13*0742*01	2016			x		x
YZF R250	250	RG10	w13*0742*	2015			x		x
MT-03	300	RH07	e13*0741*01	2016			x		x
YZF R3	300	RH07	e13*0741*	2015			x		x
YZF R6	600	RJ15	e13*0223*01	2010			x		x
YZF R6	600	RJ15	e13*0223*	2008			x		x
MT-09	900	RN29	e13*0643*	2013			x		x
YZF R1	1000	RN23	EBE	2009			x		x
YZF R1	1000	RN22	e13*0325*	2009			x		x
YZF R1	1000	RN22	e13*0325*01	2012			x		x
FZS 1000 Fazer	1000	RN14	e13*0021*	2005			x		x
V-Max	1700	RP21	e13*0298*	2009			x		x

The complete ABE listing with recommended fitting for more motorcycle models is available to download at magura.com




MASTERS
 QUALITY MADE
 IN GERMANY

167 HYDRAULIC BRAKE AND CLUTCH MASTER CYLINDER

Hydraulic brake and clutch control, one piece aluminium cylinder with reservoir, forged and break-optimised alloy lever blade, improved reach adjust, easy to fit with a folding clamp, the compact construction avoids collisions when riding extreme off road. The cylinder and lever blade pivot are protected against the elements with a rubber cap. Available for use with mineral oil or brake fluid.

ORDER CODE	MODEL	PISTON-Ø IN MM	MEDIUM	DESCRIPTION/APPLICATION
CLUTCH MASTER				
2700183	Clutch Master 167.2ls	9,5	Mineral oil	Black Off-Road Master cylinder, silver lever blade 146 mm, deco lever, clutch switch, mirror-mounting bracket
2700186	Clutch Master 167.1 ls	10,5	Mineral oil	Black Off-Road Master cylinder, silver lever blade 146 mm, deco lever, clutch switch, mirror-mounting bracket
2700184	Clutch Master 167.2ls	9,5	DOT4/5.1	Black Off-Road Master cylinder, silver lever blade 146 mm, deco lever, clutch switch, mirror-mounting bracket
2700187	Clutch Master 167.1 ls	10,5	DOT4/5.1	Black Off-Road Master cylinder, silver lever blade 146 mm, deco lever, clutch switch, mirror-mounting bracket
0723295	Clutch Master 167.2ls	9,5	Mineral oil	Black Street Master cylinder, black lever blade 163 mm, deco lever, clutch switch, mirror-mounting bracket
2700185	Clutch Master 167.1 ls	10,5	Mineral oil	Black Street Master cylinder, black lever blade 163 mm, deco lever, clutch switch, mirror-mounting bracket
2700482	Clutch Master 167.6 ls	12	Mineral oil	Black Street Master cylinder, black lever blade 163 mm, clutch switch BMW, mirror-mounting bracket BMW (M10x1.5 mm)
BRAKE MASTER				
2701418	Brake Master 167.51 ls	13	DOT4/5.1	Black Off-Road Master cylinder, black lever blade 163 mm, with brake light switch and mirror mount
2701419	Brake Master 7035 ef	9,5	DOT4/5.1	Silver Off-Road Master cylinder, silver lever blade 123 mm, with brake light switch and standard mount

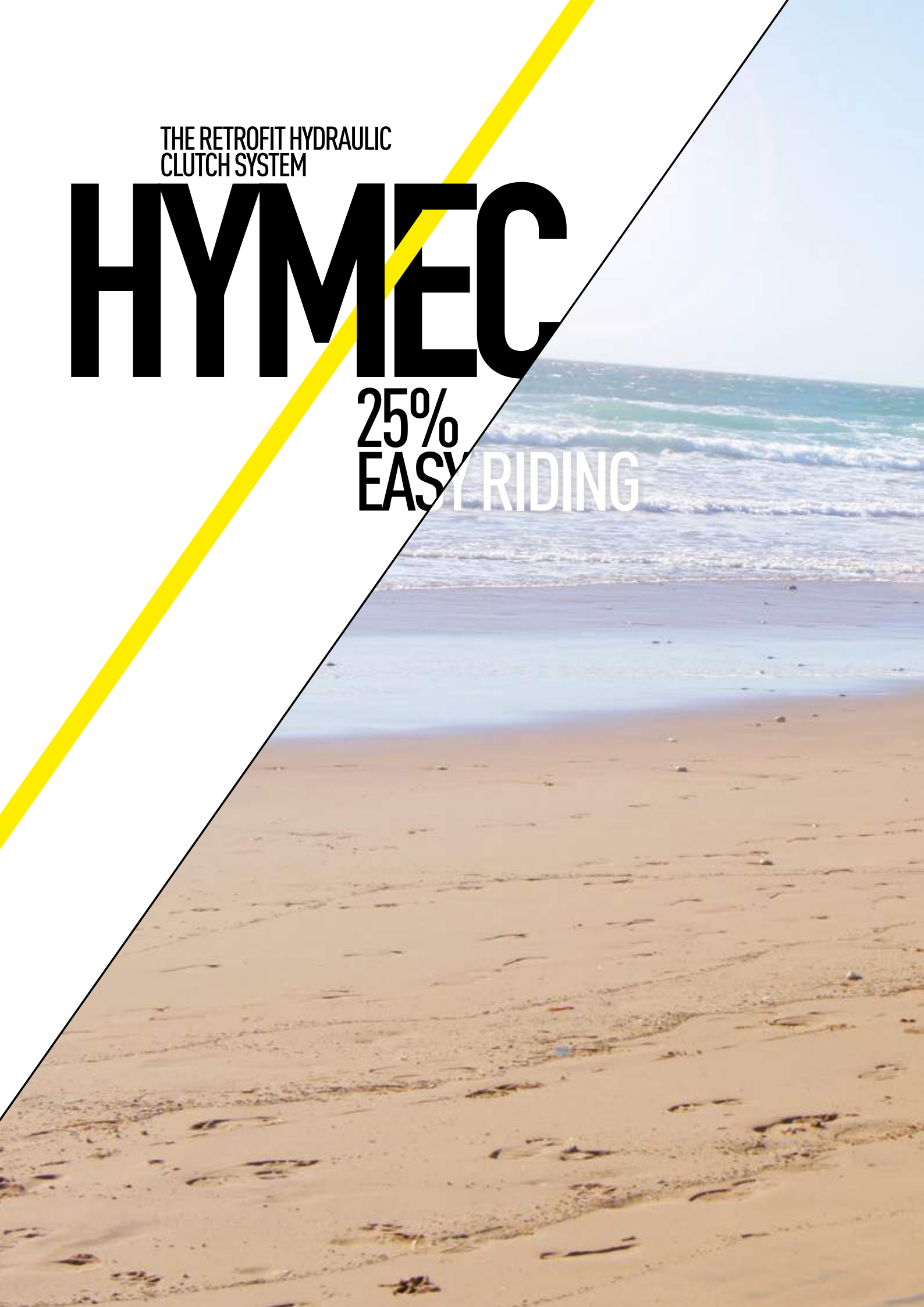
 **SPARE PARTS AND ACCESSORIES**
 ON PAGE 68

* Find clutch switches page 64-65 and 73
 Maximum stroke | 13.8 mm
 Lever ratio | 1:4
 Tubing fitting | M 10x1

THE RETROFIT HYDRAULIC
CLUTCH SYSTEM

HYMEC

25%
EASY RIDING



Switch to HYMEC now for hydraulic clutch action. On-road or off-road, on long tours or your home circuit – with HYMEC every trip is just that bit more comfortable. Up to 20 percent less strength needed for clutch action and a clearly defined, constant bite point. HYMEC for an easier biking life.

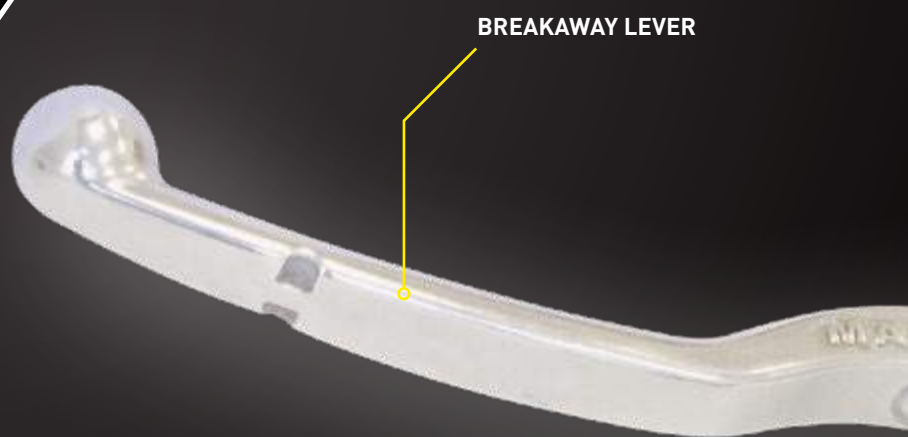
- robust
- easy to mount
- excellent modulation
- reduced maintenance



167 HYMEC

OFF-ROAD

APPROVED BY GIACOMO REDONDI
(WORLD JUNIOR ENDURO CHAMPION 2016)
AND TEAM HRC REDMOTO RACING



BREAKAWAY LEVER

REACH ADJUST

ROTATABLE HOSE ROUTING

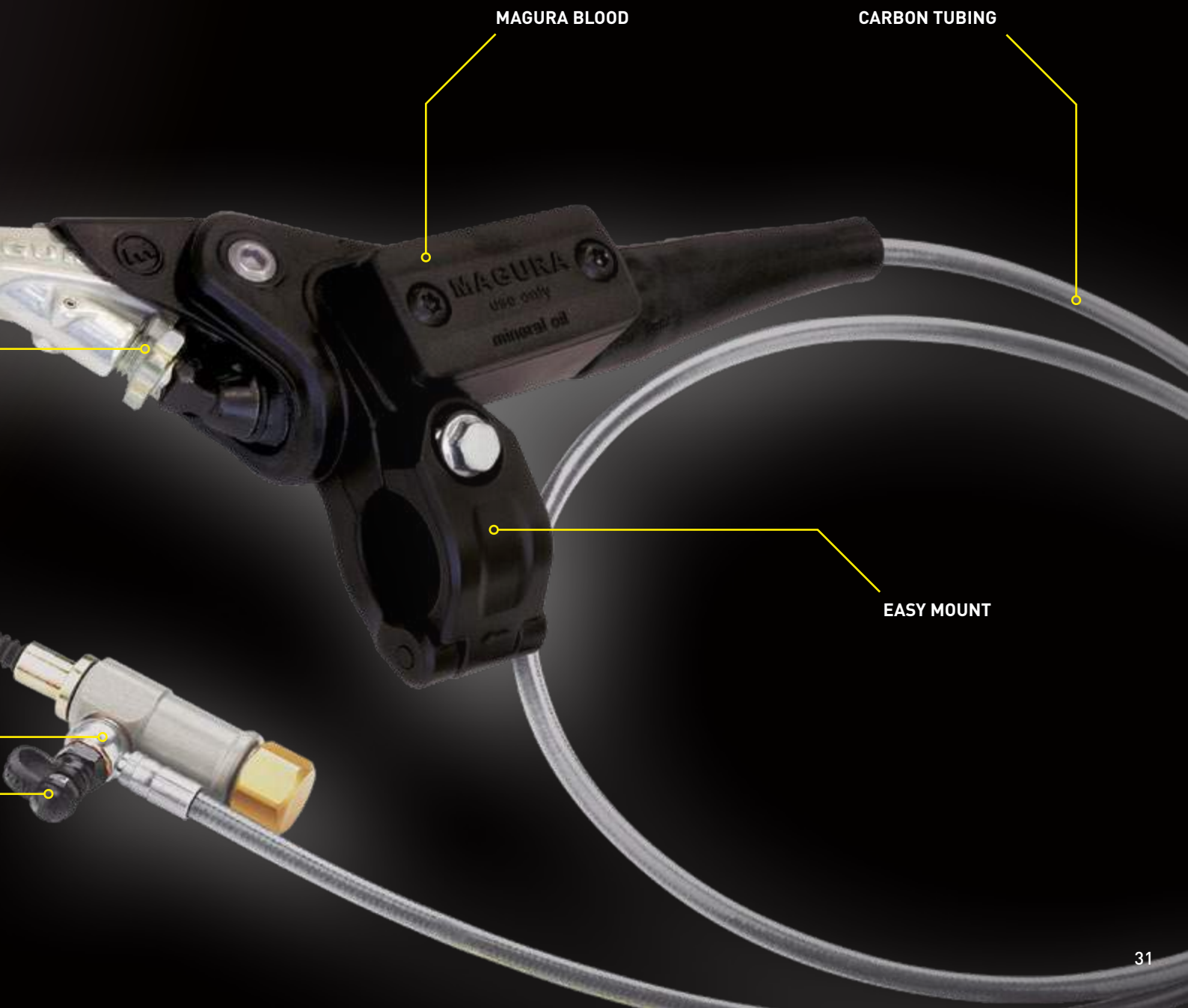
EASY FILL



MAGURA HYMEC – AN EASY TO INSTALL ALTERNATIVE TO A MECHANICAL CLUTCH. THIS SYSTEM REPLACES THE CLUTCH LEVER AND CABLE – WITH A SMALL LIGHTWEIGHT HYDRAULIC SYSTEM FOR IMPROVED CLUTCH CONTROL.

The HYMEC ensures an easier operating pressure, a constant pressure point, no more cable adjustment and smooth clutch actuation to ensure the perfect take-off every time.

Clutch operation with the MAGURA hydraulic kick. The thousand-fold proven hydraulic clutch operating system for Motocross and Enduro. Superior technology which unites an abundance of unique advantages into one: No fading, superfine modulation, almost maintenance-free, automatic compensation for clutch wear and up to 20 % less actuating force! HYMEC provides a uniquely sensitive operation and significantly improves vehicle control. A weight saving of up to 150 grams is possible depending on the model.



167 HMEC OFF-ROAD

MAKE	MODEL	YEAR	SYSTEM ORDER CODE
AJP	PR5	09 → 16	2100006**
HONDA	CRF 150	08 → 17	2100004
	CR 250 R	90 → 03	2100019
	CR 250 R	04 → 07	2100007**
	CRF 250 R	04 → 09	2100009
	CRF 250 R	10 → 13	2100005
	CRF 250 R	14 → 17	2100307
	CRF 450 R	04 → 08	2100010
	CRF 450 R	09 → 12	2100005
	CRF 450 R	13 → 14	2100030
	CRF 450 R	15 → 16	2100363
	CRF 450 R	2017	2100688
KAWASAKI	CR 500 R	84 → 03	2100019
	KX 250	90 → 98	2100004**
	KX 250 F	04 → 08	2100019**
	KX 250 F	09 → 16	2100006
	KX 250 F	2017	2100302
	KX 450 F	09 → 14	2100007
	KX 450 F	2015	2100364
	KX 450 F	16 → 17	2100545
KTM	KX 500	90 → 03	2100004**
	250 SX 300/360	90 → 94	2100019
SUZUKI	RM 125	98 → 08	2100578
	RM 250	97 → 08	2100019
	RM-Z 250	04 → 05	2100019
	RM-Z 250	09 → 11	2100011
	RM-Z 250	11 → 17	2100302
	RM-Z 450	08 → 17	2100012
YAMAHA	YZ 125	04 → 16	2100578
	YZ 250	88 → 98	2100004**
	YZ 250	99 → 09	2100019
	YZ 250	09 → 11	2100578
	YZ 250	11 → 16	2100019
	WR 250 R	08 → 16	2100302**
	YZ 250 FX	15 → 17	2100008**
	YZ 250 F	09 → 13	2100008
	YZ 250 F	14 → 17	2100302
	YZ 450 F	03 → 05	2100019**
YZ 450 F	09 → 17	2100008	

H + = Slave attached from rear cap with: REARMOUNT or REARMOUNT VARIO

* All spare slave cylinders will be issued with standard cap and bracket – this model uses a slave cylinder with a different cap

** Extra Parts are required to fit this Hymec kit to this motorcycle - check separate table on page S. 33



SPARE PARTS AND ACCESSORIES
ON PAGES 64-65



	CLUTCH MASTER CYLINDER				SLAVE CYLINDER			PRESSURE LINE		EXTRA
	PISTON-Ø	MASTER	LEVER	PISTON KIT	SLAVE NO.	ASSEMBLY	REAR CAP	LENGTH	PRESSURE LINE	BRACKET
	9,5 mm	2700183	0723290	0723184	0120651	65	0430217	1120 mm	0722137	
	9,5 mm	2700183	0723290	0723184	2100003	70	0430217	1045 mm	0722138	0430224
	9,5 mm	2700183	0723290	0723184	0120655	52	0430217	1045 mm	0722138	0430987
	9,5 mm	2700183	0723290	0723184	0120649	41	0430998	1045 mm	0722138	
	9,5 mm	2700183	0723290	0723184	0120655	57	0430217	1045 mm	0722138	0430224
	9,5 mm	2700183	0723290	0723184	0120655	57	0430217	1045 mm	0722138	0430224
	9,5 mm	2700183	0723290	0723184	2100308*	32 (H+)	0430998	1045 mm	0722138	2401084
	9,5 mm	2700183	0723290	0723184	0120649	41	0430998	1045 mm	0722138	0431001
	9,5 mm	2700183	0723290	0723184	0120655	57	0430217	1045 mm	0722138	0430224
	10,5 mm	2700186	0723290	0723185	0120652	59	0430217	1045 mm	0722138	0430224
	9,5 mm	2700183	0723290	0723184	2100308*	32 (H+)	0430998	1045 mm	0722138	2401330
	9,5 mm	2700183	0723290	0723184	0120655*	52	0430217	1045 mm	0722138	0430987
	9,5 mm	2700183	0723290	0723184	0120655*	52	0430217	1045 mm	0722138	0430987
	9,5 mm	2700183	0723290	0723184	2100003	70	0430217	1045 mm	0722138	
	9,5 mm	2700183	0723290	0723184	0120655	52	0430217	1045 mm	0722138	
	9,5 mm	2700183	0723290	0723184	0120651	65	0430217	1120 mm	0722137	0430224
	9,5 mm	2700183	0723290	0723184	0120655*	57	0430998	1045 mm	0722138	0430990
	9,5 mm	2700183	0723290	0723184	0120649	44 (H+)	0430998	1045 mm	0722138	0431002
	9,5 mm	2700183	0723290	0723184	0120648	47 (H+)	0430998	1045 mm	0722138	2401327
	9,5 mm	2700183	0723290	0723184	0120659	77	0430217	1045 mm	0722138	2402034
	9,5 mm	2700183	0723290	0723184	2100003	70	0430217	1045 mm	0722138	
	9,5 mm	2700183	0723290	0723184	0120655*	52	0430217	1045 mm	0722138	0430987
	9,5 mm	2700183	0723290	0723184	0120648	47	0430217	1045 mm	0722138	0430987
	9,5 mm	2700183	0723290	0723184	0120655*	52	0430217	1045 mm	0722138	0430987
	9,5 mm	2700183	0723290	0723184	0120655*	52	0430217	1045 mm	0722138	0430987
	9,5 mm	2700183	0723290	0723184	0120649*	44 (H+)	0430998	1045 mm	0722138	0430990
	9,5 mm	2700183	0723290	0723184	0120655*	57 (H+)	0430998	1045 mm	0722138	0430990
	9,5 mm	2700183	0723290	0723184	0120649*	44 (H+)	0430998	1045 mm	0722138	0430991
	9,5 mm	2700183	0723290	0723184	0120648	47	0430217	1045 mm	0722138	0430987
	9,5 mm	2700183	0723290	0723184	2100003	70	0430217	1045 mm	0722138	
	9,5 mm	2700183	0723290	0723184	0120655*	52	0430217	1045 mm	0722138	0430987
	9,5 mm	2700183	0723290	0723184	0120648	47	0430217	1045 mm	0722138	0430987
	9,5 mm	2700183	0723290	0723184	0120655*	52	0430217	1045 mm	0722138	0430987
	9,5 mm	2700183	0723290	0723184	0120655	57	0430217	1045 mm	0722138	0430224
	9,5 mm	2700183	0723290	0723184	0120652	59	0430217	1120 mm	0722137	0430224
	9,5 mm	2700183	0723290	0723184	0120652	59	0430217	1120 mm	0722137	0430224
	9,5 mm	2700183	0723290	0723184	0120655	57	0430217	1045 mm	0722138	0430224
	9,5 mm	2700183	0723290	0723184	0120655	52	0430217	1045 mm	0722138	
	9,5 mm	2700183	0723290	0723184	0120652	59	0430217	1120 mm	0722137	0430224

**** EXTRA PARTS
ADDITIONALLY
REQUIRED!**

MAKE / MODEL	YEAR	HMEC-NO.
AJP PR 5	09 → 15	2100006
HONDA CR 250 R	04 → 06	2100007
KAWASAKI KX 250	90 → 98	2100004
KAWASAKI KX 250 F	04 → 08	2100019
KAWASAKI KX 500	90 → 03	2100004
SUZUKI RM-Z 250	04 → 05	2100019
YAMAHA YZ 250	88 → 98	2100004
YAMAHA WR 250 F	08 → 16	2100302
YAMAHA YZ 250 FX	15 → 17	2100008
YAMAHA YZ 450 F	03 → 05	2100019

ORDER CODE
0723115
0430987
0412310
0430240
0412310
0430240
0412310
2700177
2700177
0430240

ORDER CODE
2700177
0488255
0451530 (x3)
0723189
0451530 (x3)
0723189
0451530 (x3)
0723187
0723189

ORDER CODE
0412310
0412310
0412310

STREET- HYMEC

ON-ROAD

The HYMEC ensures an easier operating pressure, a constant pressure point, no more cable adjustment and smooth clutch actuation to ensure the perfect take-off every time. HYMEC significantly improves vehicle performance – it allows the user to feel the point where the clutch releases and actuates. This product has been developed over many years and been tested under the toughest conditions possible in the world of motorcycle Off-Road sport. It has been used by world champion riders who all agree as to the benefits but it is just as useful to the complete novice who stalls at the traffic lights. Due to demand MAGURA now offers the HYMEC system for various road going motorcycles.

BREAKAWAY LEVER

REACH ADJUST

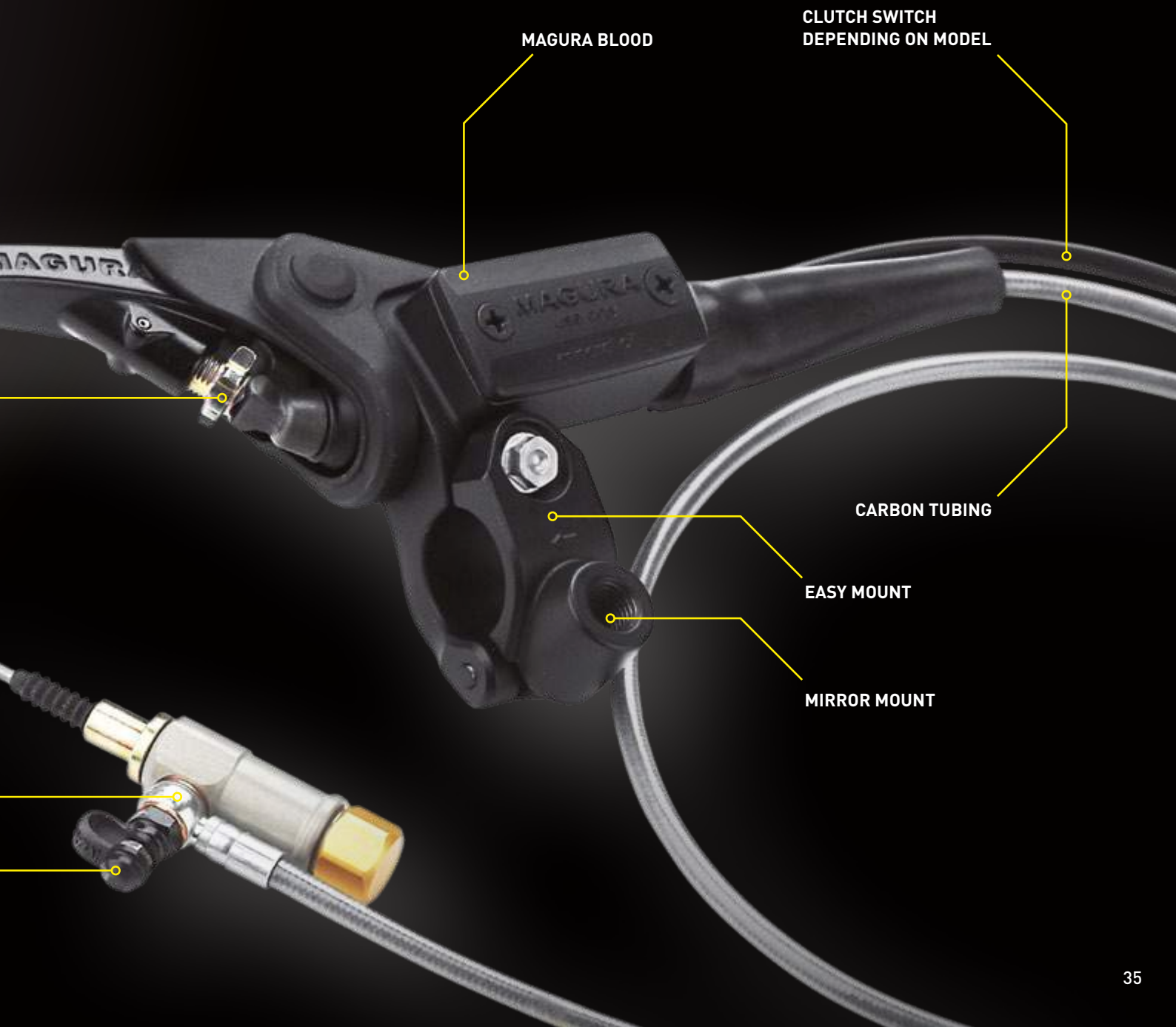
RHR ROTATABLE
HOSE ROUTING

EASY FILL

MAGURA HYMEC – AN EASY TO INSTALL ALTERNATIVE TO A MECHANICAL CLUTCH. THIS SYSTEM REPLACES THE CLUTCH LEVER AND CABLE – WITH A SMALL LIGHTWEIGHT HYDRAULIC SYSTEM FOR IMPROVED CLUTCH CONTROL.



HYMEC for Harley





MAKE	MODEL	YEAR	SYSTEM ORDER CODE
BOMBARDIER	DS 650 ATV	04 → 09	2100020 B
BMW	F 800	06 → ALL	2100021
Suitable for application on F 800 GS (without Handguards) / F 700 GS / F 650 GS (08 - 12) / F 800 S / F 800 ST / F 800 X			
HARLEY DAVIDSON	Sportster	96 → 16	0120601
	Sportster	96 → 16	0120611
For inch handlebars (25.4mm) - 80" = 2032 mm and 57" = 1448 mm - Line length. Only suitable for Sportster models without clutch switch.			
HONDA	CBF 600 S / N (PC38)	04 → 07	2100001
	CBF 600 (PC43)	08 → 14	2100001
	NC 700 S	12 → 14	2100001
	NC 700 X	12 → 14	2100001
	NC 750 S	15 → 17	2100001
	NC 750 X	15 → 17	2100001
HUSQVARNA	Nuda	12 → 14	2100021
KAWASAKI	ER-6N	06 → 09	0120689
	Versys 650	07 → 10	0120689
	Z 750	04 → 12	2100309
	Z 750 S	05 → 06	2100309
	Z 750 R	11 → 12	2100309
	Z800	13 → 16	2100309
	Z1000	03 → 17	2100309
SUZUKI	SV 650	99 → 10	0120689
	GSX-S 1000	15 → 17	2100629
	GSX-S 1000 F	15 → 17	2100629
TRIUMPH	Street Triple 675	12 → 16	2100303
	Speed Triple 1050	11 → 15	2100001
	Tiger 800 / 800 XC	10 → 14	2100303
	Tiger 800 XR	15 → 17	2100303
YAMAHA	SR 400/500	All	2100020* B
	FZ6	07 → 10	0120689

H + = Slave attached from rear cap with: REARMOUNT oder REARMOUNT VARIO
 * Yamaha SR 400 + 500 requires Deco lever 0723189





	CLUTCH MASTER CYLINDER					SLAVE CYLINDER			PRESSURE LINE		EXTRA
	MASTER TYPE	PISTON-Ø	MASTER	LEVER	PISTON KIT	SLAVE NO.	ASSEMBLY	REAR CAP	LENGTH	ORDER CODE	BRACKET
	167 Black	9,5 mm	0723295	2700244	0723184	0120653	73	0430217	1045 mm	0722138	0430224
	167 Black	12 mm	2700482	0723296	2700489	2100022	55 - 75	0430217	1045 mm	0722138	
00 GT / F 800 R	80" Black	10,5 mm	0722163	0722167	0722164	0722160	71	0430217	2030 mm	0722162	
	80" Chrome	10,5 mm	0722180	0722182	0722164	0722160	71	0430217	2030 mm	0722162	
	167 Black	10,5 mm	2700185	2700244	0723185	0120651	64	0430217	1045 mm	0722138	0430224
	167 Black	10,5 mm	2700185	2700244	0723185	0120651	61	0430217	1045 mm	0722138	0430224
	167 Black	10,5 mm	2700185	2700244	0723185	0120651	61	0430217	1045 mm	0722138	0430224
	167 Black	10,5 mm	2700185	2700244	0723185	0120651	61	0430217	1045 mm	0722138	0430224
	167 Black	10,5 mm	2700185	2700244	0723185	0120651	61	0430217	1045 mm	0722138	0430224
	167 Black	10,5 mm	2700185	2700244	0723185	0120651	61	0430217	1045 mm	0722138	0430224
	167 Black	12 mm	2700482	0723296	2700489	2100022	55 - 75	0430217	1045 mm	0722138	
	167 Black	9,5 mm	0723295	2700244	0723184	0120651	65	0430217	1045 mm	0722138	0430224
	167 Black	9,5 mm	0723295	2700244	0723184	0120651	65	0430217	1045 mm	0722138	0430224
	167 Black	10,5 mm	2700185	0723296	0723185	0120655	55	0430217	1045 mm	0722138	0430224
	167 Black	10,5 mm	2700185	0723296	0723185	0120655	55	0430217	1045 mm	0722138	0430224
	167 Black	10,5 mm	2700185	0723296	0723185	0120655	55	0430217	1045 mm	0722138	0430224
	167 Black	10,5 mm	2700185	0723296	0723185	0120655	55	0430217	1045 mm	0722138	0430224
	167 Black	10,5 mm	2700185	0723296	0723185	0120655	55	0430217	1045 mm	0722138	0430224
	167 Black	9,5 mm	0723295	2700244	0723184	0120651	65	0430217	1045 mm	0722138	0430224
	167 Black	10,5 mm	2700185	2700244	0723185	2100003	66	0430217	1045 mm	0722138	2402149
	167 Black	10,5 mm	2700185	2700244	0723185	2100003	66	0430217	1045 mm	0722138	2402149
	167 Black	10,5 mm	2700185	2700244	0723185	2100308*	32 (H+)	2100018	1120 mm	0722137	
	167 Black	10,5 mm	2700185	2700244	0723185	0120651	64	0430217	1045 mm	0722138	0430224
	167 Black	10,5 mm	2700185	2700244	0723185	2100308*	32 (H+)	2100018	1120 mm	0722137	
	167 Black	10,5 mm	2700185	2700244	0723185	2100308*	32 (H+)	2100018	1120 mm	0722137	
	167 Black	9,5 mm	0723295	2700244	0723184	0120653	73	0430217	1045 mm	0722138	0430224
	167 Black	9,5 mm	0723295	2700244	0723184	0120651	65	0430217	1045 mm	0722138	0430224

OPTIONAL EXTRAS FOR YOUR SLAVE CYLINDER



REARMOUNT:

If your slave cylinder is attached with a rearmount together with any of the mounting adapters listed on page 64, pos. 28 you may require this REARMOUNT cap.

Order Code 0430998



NIPPLE:

If your clutch cable has a large attachment nipple you will require a nipple for the end of your HYMEC slave cylinder activation rod.

Order Code
0412310 14 mm
2402033 11 mm



REARMOUNT VARIO:

This kit enables the fitment of the HYMEC slave cylinder STANDARD as a REARMOUNT VARIO option. The VARIO option allows for adjustment and extends the fitment length by 55 to 77mm and can be used with all of the slave cylinders listed on page 39.

Order Code 2100018



Sleeve for 2 Stroke Models: If the HYMEC slave cylinder is located under the clutch cover it may be necessary to use one of the sleeves in conjunction with an o-ring.

Sleeve for 2-stroke models:

Order Code
0430985 15 mm long version
0430987 12 mm short version
0488255 O-ring fits both of the above versions

REPLACEMENT HYMEC CLUTCH SLAVE CYLINDERS

If you have an older HYMEC clutch activation system and require a replacement slave cylinder but are not aware of the correct part number we have devised a method to make it easier for you to establish the part number for the replacement. Remove the slave cylinder from the motorcycle and activate the master cylinder until the slave cylinder activation rod is fully retracted and withdrawn. The piston in the slave cylinder is now contacting the bronze cap at the back of the slave cylinder and the rod length should be measured as shown on top of page 39. If the slave cylinder is no longer working it can be removed from the pressure line and forced slowly and carefully into the slave cylinder for the measurement.

Please note – the length you are measuring is not the activation length – the activation length is 16mm longer than the withdrawn length. Following the measurement please do not disregard your old slave cylinder you may require the cap or the support. All of our replacement HYMEC slave cylinders are delivered with the standard cap and standard support as shown in the pictures. If the slave cylinder you require lies between two different activation lengths – always order the longer version and use spacers between the support and the cable attachment to increase the activation length to suit your motorcycle.

SPECIAL REPLACEMENT HYMEC SLAVE CYLINDERS

STANDARD VARIO



BMW F 800

- F 700 GS
- F 800 GS
- F 800 R
- F 800 S
- F 800 ST
- F 800 GT
- F 650 GS (2-Zylinder)
- HUSQVARNA NUDA

activation length 57-78 mm

ORDER CODE 2100022

STANDARD BOLT



HARLEY SPORTSTER FROM 1996

Spacer block for assembly should be removed after installation.

ORDER CODE 0722160

STANDARD BOLT

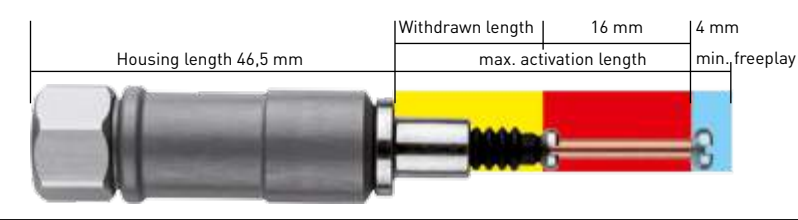


BUELL XB-MODELLE 2002 – 2010

Spacer block for assembly should be removed after installation.

ORDER CODE 0120624

EXAMPLE



STANDARD

Replacement HYMEC Slave Cylinders – to measure your slave cylinder – activate the master cylinder until the pull rod is fully withdrawn.

	WITHDRAWN LENGTH	ACTIVATION LENGTH	
A	16 mm	31–33 mm	ORDER CODE 2100308
B	24 mm	39–41 mm	ORDER CODE 0120649
C	31 mm	46–48 mm	ORDER CODE 0120648
D	35 mm	51–53 mm	ORDER CODE 0120655
E	41 mm	56–58 mm	ORDER CODE 0120652
F	45 mm	60–62 mm	ORDER CODE 0120651
G	50 mm	65–67 mm	ORDER CODE 2100003
H	55 mm	70–72 mm	ORDER CODE 0120653
J	67 mm	82–84 mm	ORDER CODE 0120659
K	90 mm	105–107 mm	ORDER CODE 0120657

**BUILD YOUR OWN
HYMEC HYDRAULIC
CLUTCH!**

Hymec is the solution for riders with small hands, reduced hand operating force and riders who require a precise clutch activation with a constant pressure point. Due to the number of enquiries we receive for HYMEC systems for motorcycles we have not measured, or have no ready to fit option for, we have completed this double page to assist you in the configuration of a new system. This should enable you to check if the system will fit your motorcycle and which parts list you will require to do so.

The MAGURA HYMEC-System is world renowned as a hydraulic conversion for cable operated mechanical clutch systems. The system is compatible with most clutch activations and offers a direct and constant pressure point. The advantages of this system are well documented in the press and riders forums.

WHAT DO I NEED TO BUILD A HYMEC FOR MY BIKE?

1. MASTER CYLINDER + 2. SLAVE CYLINDER + 3. PRESSURE LINE, FITTINGS AND OIL + 4. SPECIFIC SPARE PARTS

1. MAGURA OFFER 3 MASTER CYLINDER OPTIONS:

Master Cylinder – as the system requires mineral oil and cannot be used with brake fluid the master cylinder should be mineral oil compatible.



HC¹ SLANTED RADIAL MASTER
ORDER CODE 2100455
Max. slave stroke: 10 -13 mm*
Full details on page 14

HC¹ – Reservoir, switch and banjo bolt included

Optional extras on page 60/61



HC³ HC³ FULLY RADIAL MASTER
ORDER CODE 2100301
Max. slave stroke: 8 -13 mm*
Full details on page 18

HC³ - Reservoir, switch and banjo bolt included

Optional extras on page 62/63



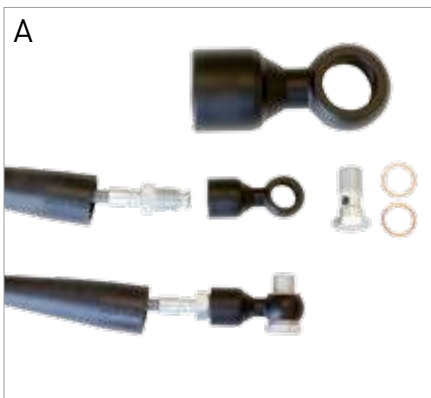
167 AXIAL MASTER
Ø 9,5 Street (Light operation)
ORDER CODE 0723295
Max. slave stroke: 8-10 mm*
Ø 10,5 Street (Sports clutch)
ORDER CODE 2700185
Max. slave stroke: 10-12 mm*
Full details on page 27
167 Street Master – switch, mirror clamp and black street lever included

Optional extras on page 68

2. PRESSURE LINE, FITTINGS AND SERVICE-KIT

PART DESCRIPTION	ORDER CODE	HC ¹	HC ³	167
A Radial Pressure Line Adapter	2700499	x	x	-
B Pressure Line L=1500 mm cut to size	0722679	- ¹⁾	- ¹⁾	x
B Pressure Line carbon L=1045 mm fixed length	0722138	x	x	x
B Pressure Line carbon L=1120 mm fixed length	0722137	x	x	x
C Banjo Bolt with Bleeder for slave	0722136	x	x	x
D Service-Kit HYMEC (Fill and Bleed Kit)	0722152	x	x	x

¹⁾ Pressure Line 0722679 is not suitable for use with radial pressure line adapter 2700499
Only one pressure line is required – there are 3 options available – please measure the cable before ordering



* Max. Slave stroke refers to possible max. stroke with lever adjusted to largest reach position.

3. SLAVE CYLINDER

In order to ascertain the correct slave cylinder for your motorcycle you will need to cut the template slave cylinder from this page, fit to the motorcycle and cut to size. If you do not feel qualified to remove the clutch cable please seek assistance from your local motorcycle technician.

There are 2 basic forms of slave cylinder attachment:

1. STANDARD cable fitting: Slave template 1

2. REARMOUNT VARIO – Slave template 2

The REARMOUNT VARIO fitting can be adjusted to fit correctly using the rear locknut.



STANDARD template 1

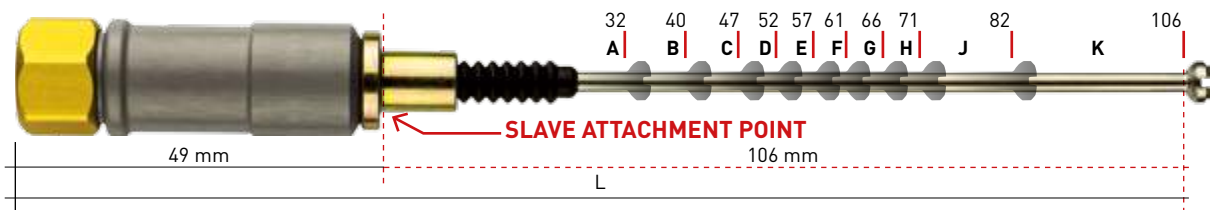


REARMOUNT VARIO template 2

STANDARD

Carefully cut the template out and fit to your motorcycle. The clutch activation arm at the engine should be pushed with your finger as far forward towards the slave cylinder as possible and the template should then be cut at the next longest available point.

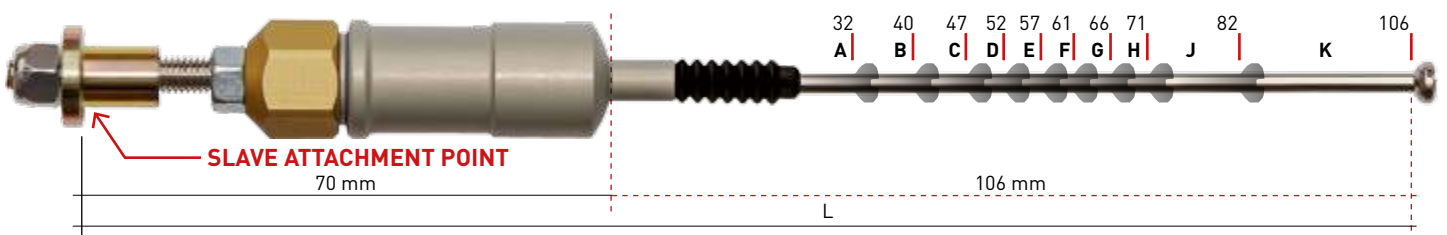
Then compare the number on the template to the list on pages 32/33 to pick the correct slave cylinder. If the slave is too long it can be shortened by placing spacer washers between the slave and the mounting point – if it is too short it will not work correctly. If in doubt choose the longer version.



REARMOUNT VARIO

Carefully cut the template out and fit to your motorcycle. The clutch activation arm at the engine should be pushed with your finger as far forward towards the slave cylinder as possible and the template should then be cut at the next longest available point.

Then compare the number on the template to the list on pages 32/33 to pick the correct slave cylinder – you will also require **Order Code 2100018 REARMOUNT VARIO Kit** to mount the slave from behind. The threaded attachment kit at the rear should allow for sufficient adjustability when installing the slave cylinder.



POSSIBLE SLAVE CYLINDER DEVIATIONS

Some motorcycle models require a large nipple to attach to the clutch activation arm. Some 2 stroke models have the cable fitted beneath an engine casing and require a special 2 stroke bracket.



ORDER CODE
0412310 14 mm
2402033 11 mm



ORDER CODE
0430985 15 mm long version
0430987 12 mm short version
0488255 O-ring fits both of the above versions

BEFORE INSTALLING YOUR NEW HYMEC PLEASE DOWNLOAD THE CURRENT HYMEC-MANUAL FROM OUR WEBSITE! HYMEC DOES NOT AFFECT YOUR VEHICLE REGISTRATION.

MAGURA HAVE BEEN SUPPLYING
PARTS TO BMW MOTORCYCLES ON
EVERY MODEL SINCE 1923.

PERFOR- MANCE PARTS FOR BMW

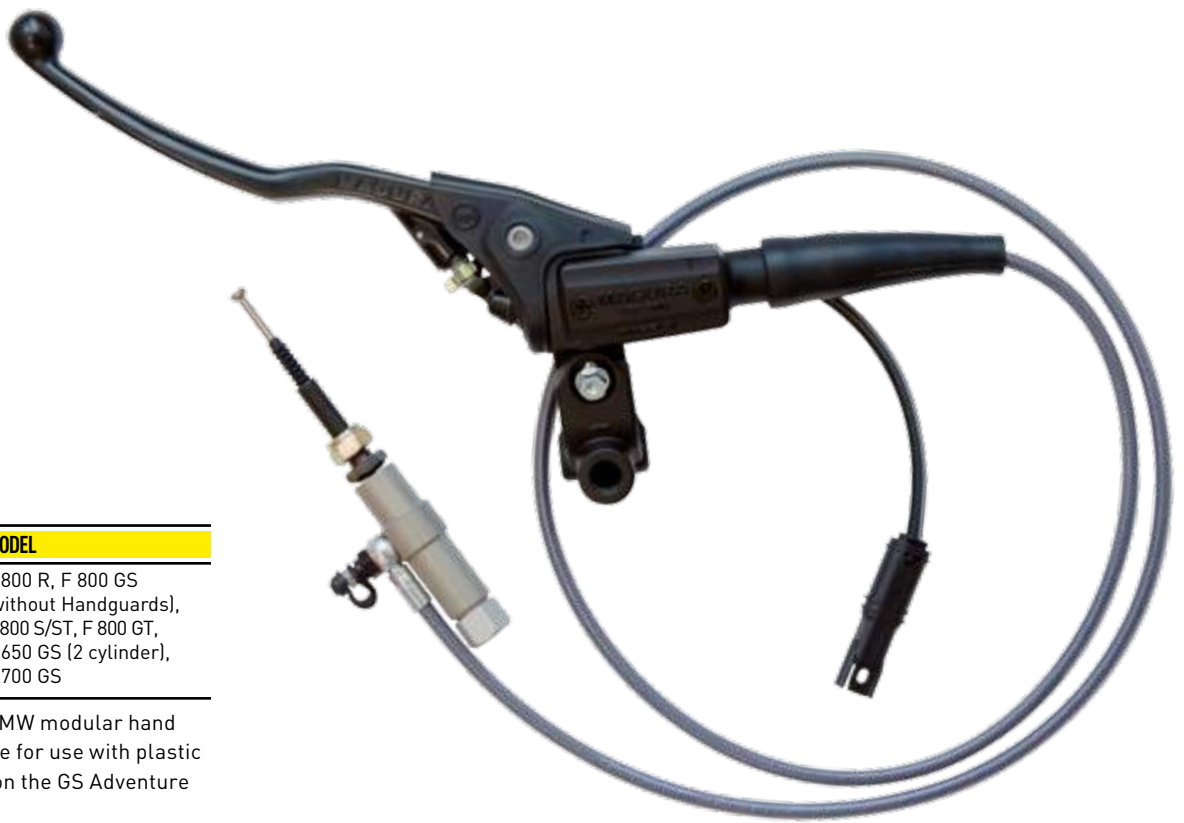




When it comes to control nobody does it better. The experience of over 90 years flows into our aftermarket products to ensure that an upgrade is just that.

Wunderlich

Wunderlich



HMEC FOR F800

ORDER CODE	MODEL
2100021	F 800 R, F 800 GS (without Handguards), F 800 S/ST, F 800 GT, F 650 GS (2 cylinder), F 700 GS

Suitable for use with BMW modular hand protectors. Not suitable for use with plastic hand protectors used on the GS Adventure models.



Order Code 2100017

Order Code 2100016

WITH ABE

REPLACEMENT LEVERS FOR BMW MOTORCYCLE.

MAGURA replacement levers represent an improvement on motorcycles since 1923. The ergonomics, material quality and finish are first class. Tested and approved by the TÜV organisation in Germany these levers meet and surpass the highest standards set for master cylinder operation on a motorcycle. Trust MAGURA to offer the best levers for your bike.

MODEL	YEAR	MODEL CODE	CLUTCH LEVER	BRAKE LEVER	
650/700	F 650 GS	2007 - 2012	K72	Not available	2100016
	F 700 GS	2013-	K72	Not available	2100016
800	F 800 GS/Adv	2007-	K72	Not available	2100016
	F 800 GT	2012-	K71	Not available	2100016
	F 800 R	2007-	K73	Not available	2100016
	F 800 S/ST	2007-	K71	Not available	2100016
	1200	R 1200 GS/Adv	2003 - 2013	K25	2100017
	R 1200 R	2006 - 2014	K27	2100017	2100016
	R 1200 S	2005 - 2009	K29	2100017	2100016
	R 1200 ST	2004 - 2008	K28	2100017	2100016
	HP2 Enduro	2005 - 2007	K25HP	2100017	2100016
	HP2 Megamoto	2007 - 2010	K25/03	2100017	2100016
	HP2 Sport*	2007 - 2010	K29HP	0722112	0722202
	K 1200 S	2005 - 2009	K40	2100017	2100016
	K 1200 R	2005 - 2009	K43	2100017	2100016
	K 1200 R Sport	2005 - 2009	K43	2100017	2100016
	K 1200 GT	2005 - 2009	K44	2100017	2100016
1300	K 1300 S	2009-	K40	2100017	2100016
	K 1300 R	2009-	K43	2100017	2100016
	K 1300 GT	2009 - 2012	K44	2100017	2100016

*This lever is not pictured on this page - please see 195 Radial Master Cylinder (on page 67)

APPROVED BY SIMON PAVEY, TOMM WOLF,
BMW OFF-ROAD INSTRUCTORS



Suitable for use on:

- R 1200 GS LC
- R 1200 GS LC Adventure
- R 1200 R LC
- R 1200 RT LC
- R 1200 RS
- R nineT

Not suitable for application on models Pure, Racer, Scrambler or Urban G/S



UPGRADE YOUR BMW WITH MAGURA PERFORMANCE PARTS

The new BMW R-models have established the benchmark in the Adventure-, Touring- and Urban category. How do you improve the best motorcycle controls available? Easy with MAGURA Performance Parts! To celebrate 90 years in the search for perfect control on a motorcycle we have prepared an upgrade kit for your new BMW Motorcycle with two optional elements.

MAGURA Performance Parts will add value to your motorcycle. They are designed to stand the test of time and can be ordered and fitted separately or together as you wish. The materials used are lightweight, extremely durable and strong. Each product contains 90 years of motorcycling know-how combined with our passion for perfection.



Order Code 2100546

Fold Away Lever Kit | Fold levers with position detent lock and reach adjust selector are machined from top grade aluminium. Fully ABE tested and approved.

Order Code 2100547



CNC Reservoir Cover Kit | Honed from top grade aluminium this kit will add optically to your new BMW. Reservoir breather remains fully functional and an optional fluid level sight glass protector is included just in case you intend to use the bike to cross continents.

MAGURA
HANDLEBARS

X-LINE

4 MM

THE SPECIAL ONE

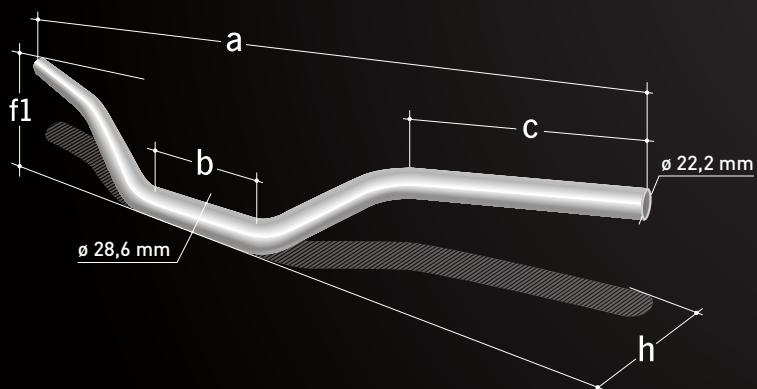




- Light
- Ergonomically designed
- Robust
- Reduced rider fatigue

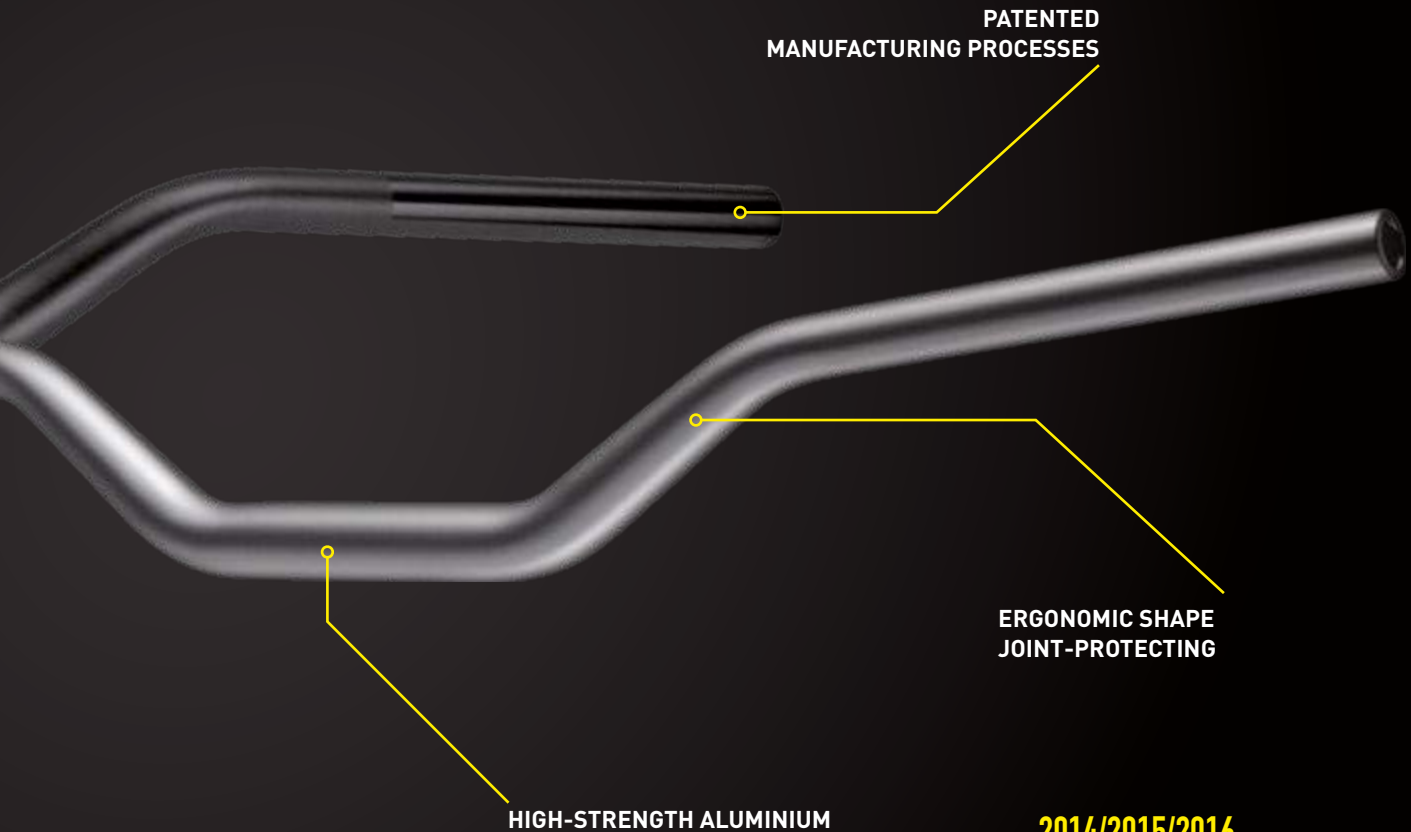
X-LINE

HANDLEBARS



ORDER CODE	MODEL	COLOR	DIMENSIONS IN MM				
			a	b	c	f1	h
0723198	AX2 Big-Enduro Handlebar	Silver	827	134	230	206	100
0721245	MX2 Motocross, Supermoto	Silver	808	135	189	119	77
0723050	CX »Street«	Silver	805	135	200	117	76
0721053	EX Enduro	Silver	795	135	186	120	87
0721055	SX Supercross, Supermoto, Motocross	Silver	808	135	189	120	63
0723248	TX Touring	Black	797	139	217	138	97
0723247	FX Streetfighter	Black	750	137	210	98	107
0723221	SX »Street«	Black	808	135	189	120	63
0723283	CPX – Chris Pfeiffer Edition	Black	797	131	231	113	76

THE BULGED ALLOY HANDLEBARS FROM MAGURA: LIGHT, STABLE, REDUCED RIDER FATIGUE! BALL BURNISHED FINISH FOR INCREASED LIFETIME DURABILITY. MAGURA-QUALITY HANDLEBARS ARE TÜV APPROVED.
PATENTED: US 5,950,497



2014/2015/2016
TECHNICAL PARTNER
TEAM HRC DAKAR -
HANDLEBAR SUPPLIER

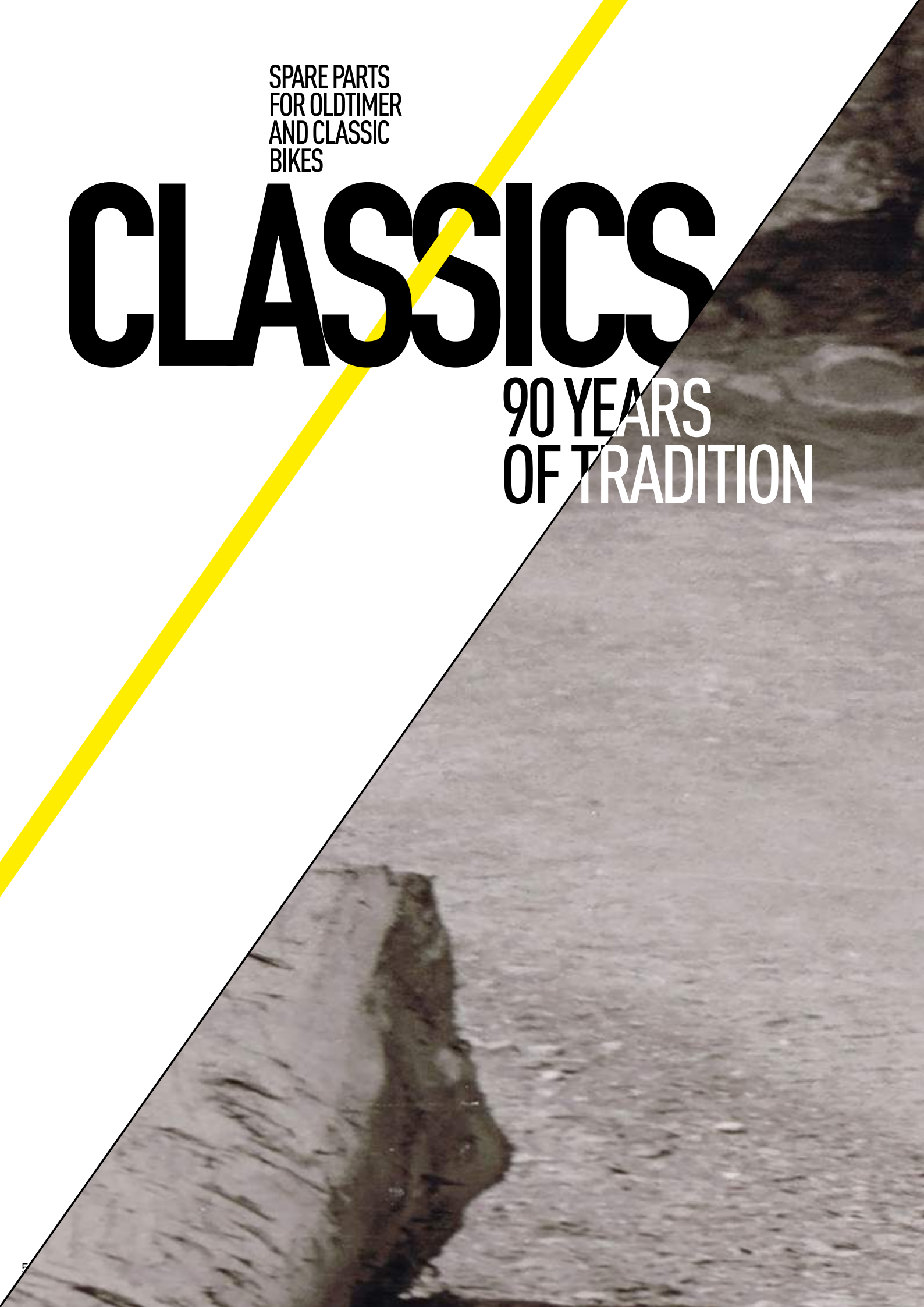
ACCESSORIES

<p>X-line fork clamp kit for bikes with split clamp. Screw M 10 x 70, with bushings.</p>	<p>X-line clamp kit for one piece clamp/fork bridges. Fits HONDA, YAMAHA, SUZUKI etc., hole distance 32-36 mm. Allows fitment of 28,6 mm tapered handlebar into a standard 22 mm clamp.</p>	<p>MAGURA-Barpad, black</p>	<p>Black X-line "Street" clamp kit for bikes with split clamp (complete). Screw M 10 x 70, with bushings.</p>	<p>Black X-line "Street" clamp kit for 22 mm clampconversion, clamping range 32-36 mm. Allows fitment of 28,6 mm tapered handlebar into a standard 22 mm clamp.</p>
<p>OFF-ROAD</p>	<p>OFF-ROAD</p>	<p>OFF-ROAD</p>	<p>ON-ROAD</p>	<p>ON-ROAD</p>
<p>Order Code 0720474</p>	<p>Order Code 0720488</p>	<p>Order Code 0723058</p>	<p>Order Code 0723270</p>	<p>Order Code 0723271</p>

SPARE PARTS
FOR OLDTIMER
AND CLASSIC
BIKES

CLASSICS

90 YEARS
OF TRADITION







73 SPORT BRAKE LEVER

Sport brake lever for mechanical brakes (drum brakes). Light weight forged alloy black split perch clamp and polished Eurostyle ball-end blade, 160 mm long, Ø 8.2 mm hole for rearview mirror.

ORDER CODE	MODEL	DESCRIPTION/APPLICATION	ACCESSORIES
0116933	B-lever 73.2	Thread 1/4" for brake light switch (0128496)	Nipple barrel, solder nipple, adjusting screw and protective cap

Technical data: Cable pull 20 mm | thread M7 for adjusting screw



73.202 SPORT BRAKE LEVER DUAL PULL

Sport brake lever for mechanical brakes (twin drum brakes). Light weight forged black split perch clamp and polished ball-end lever, 160 mm long, Ø 8.2 mm hole for rearview mirror.

ORDER CODE	MODEL	DESCRIPTION/APPLICATION	ACCESSORIES
0116934	B-lever 73.202	Dual-cable pull, with equalizer, to operate two drum brakes	Solder nipple

Technical data: Cable pull 20 mm | thread M7 for adjusting screw



74 SPORT CLUTCH LEVER

Sport clutch lever, light weight forged alloy black split perch clamp and polished, Eurostyle ball-end blade, 160 mm long, Ø 8.2 mm hole for rearview mirror

ORDER CODE	MODEL	DESCRIPTION/APPLICATION	ACCESSORIES
0116940	C-lever 74.1	Cable pull 20 mm at 3.9 ratio, HUSQVARNA, KTM, MAICO etc.	Nipple barrel, solder nipple, adjusting screw and protective cap

Technical data: Cable pull 20mm | lefthand thread M7 for cable adjusting screw



PROTECTION CAP SET

Protection cap set for 73 Sport brake lever and 74 Sport clutch lever

ORDER CODE	MODEL	DESCRIPTION/APPLICATION	ACCESSORIES
0735083	Protection cap set 73/516 ksz	Protection cap set for 73 Sport brake lever and 74 Sport clutch lever	



101 CLUTCH LEVER

Clutch lever with clamp for tube-Ø 22 mm, with thread M 6 for adjusting screw or supporting hole Ø 6.5 mm for cable.

ORDER CODE	MODEL	DESCRIPTION/APPLICATION	ACCESSORIES
0117380	C-lever 101.2.9	Black shank with thread for adjusting screw, black fibre reinforced lever blade, SPARTA	Adjusting screw, barrel, nipple
0117421	C-lever 101.4.8	Black shank with thread for adjusting screw, polished aluminium lever blade with stop notch	Barrel, nipple, s-nipple
0117496	C-lever 101.7.9	Black shank with supporting hole and thread for switch, black fibre reinforced lever blade with pull back spring, PUCH, TOMOS	Barrel, nipple
0117514	C-lever 101.8.9	Black shank with thread M 6 and thread for switch, black fibre reinforced lever blade with pull back spring	Adjusting screw, barrel, nipple

Technical data: Cable pull | 18 mm, length of lever blade 125 mm, blade with ball end Ø 18 mm



108 BRAKE LEVER

Brake lever righthand for tube-Ø 22 mm, cable supporting hole, alloy lever blade or reinforced fibre lever blade.

ORDER CODE	MODEL	DESCRIPTION/APPLICATION
0119570	B-lever 108.4.9	Righthand, black fibre reinforced lever blade, thread for brake light switch, pull back spring, supporting hole

Technical data: Cable pull | 18 mm



DECOMPRESSION LEVER

Decompression lever, shank Ø 22 mm with supporting hole Ø 6.7 mm, cable fixing with clamp screw, cable pull 16 mm.

ORDER CODE	MODEL	DESCRIPTION/APPLICATION
0011370	Hebel 12	Decompression lever, shank Ø 22 mm with supporting hole Ø 6.7 mm, cable fixing with clamp screw, cable pull 16 mm

Technical data: Cable pull | 18 mm



225 HYDRAULIC BRAKE AND CLUTCH LEVER

Features and benefits

Hydraulic brake and clutch lever, black painted housing with a (22 mm) clamp, polished alloy lever, thread for brake light switch and hole Ø 8.1 mm or thread M 8 for rear-view mirror, thread M 10 x1, plastic brake fluid reservoir. Obtainable as righthand and lefthand model. Fitting brake and clutch switch see page 50.

ORDER CODE	MODEL	PISTON Ø IN MM	DESCRIPTION/APPLICATION
RH 0122000	B-lever 225.2	13	Polished lever, hole-Ø 8.1 mm for mirror
0122020	B-lever 225.4	16	Polished lever, hole-Ø 8.1 mm for mirror
LH 0122110	C-lever 225.52	13	Polished lever, hole-Ø 8.1 mm for mirror
0122130	C-lever 225.54	16	Polished lever, hole-Ø 8.1 mm for mirror

Technical data: Stroke | 12 mm



234 THROTTLE TWIST GRIP WITH MECHANIC BRAKE

One cable pull with brake lever blade and integrated choke lever blade for F & S-wheel hub engine, black painted housing with thread for adjusting screw, black fibre reinforced lever blade.

ORDER CODE	MODEL	DESCRIPTION/APPLICATION	ACCESSORIES
0100270 B	Throttle twist grip 234.3.9	Without pull back spring in the grip tube, SACHS (Sachsonette)	Barrel, nipple, s-nipple, solder nipple

Technical data: Cable pull | throttle 18 mm, brake 15 mmm choke up to 1:16 mm, total 27 mm



270 THROTTLE TWIST GRIP WITH MECHANIC BRAKE

Rotation pulley throttle twist grip with alloy or fibre reinforced brake lever blade, one cable pull, closed housing (possibility for outer cable attachment), with pull back spring inside the grip tube.

ORDER CODE	MODEL	DESCRIPTION/APPLICATION	ACCESSORIES
VERSIONS WITHOUT DECOMPRESSION			
0101541	Throttle twist grip 270.9.8	Black housing with thread for brake light switch, polished alloy lever blade, KTM	Barrel, nipple, s-nipple
0101550 B	Throttle twist grip2 70.9.9	Black housing with thread for brake light switch, black fibre reinforced lever blade, SACHS	Barrel, nipple, s-nipple
0101591 B	Throttle twist grip 270.11.9	As above, but grip with longitudinal rips, SACHS	Barrel, nipple, s-nipple, adjusting screw
VERSIONS WITH DECOMPRESSION LEVER BLADE			
0101821	Throttle twist grip 270.52.8	Black housing, pull back spring and decompression lever blade, KTM, SACHS, SPARTA, MONARK	Barrel, nipple, s-nipple, solder nipple
0102133 B	Throttle twist grip 270.66.9	Black housing with thread for brake light switch, black fibre reinforced lever blade	Barrel, nipple, s-nipple

Technical data: Cable pull | throttle 26 mm at a rotation of 92°, brake 18 mm



273 THROTTLE TWIST GRIP WITH MECHANIC BRAKE

Straight pulley throttle twist grip with brake lever blade, one cable pull (possibility for outer attachment), black painted housing with supporting hole \varnothing 6.5 mm or adjusting screw for cable, polished alloy lever or fibre reinforced lever blade with or without pull back spring, sliding clamp for screwing or for solder nipple.

ORDER CODE	MODEL	DESCRIPTION/APPLICATION	ACCESSORIES
0123953	Throttle twist grip 273.6.8	Black housing with thread for brake light switch, sliding clamp, PUCH	Barrel, nipple
0123954	Throttle twist grip 273.6.8	As above, but without accessories	-
0124225 B	Throttle twist grip 273.56.8	Black housing with thread for brake light switch, supporting hole, pull back spring, sliding clamp for solder nipple, grip with longitudinal ribs, PUCH	-

Technical data: Cable pull | throttle 21 mm at a rotation of 104°, brake 18 mm



307 THROTTLE TWIST GRIP

Outer pulley throttle twist grip, single cable pull, straight cable up to 38 mm stroke, polished aluminium housing with trap door cover and adjusting screw for twist regulation, cable protection cover.

ORDER CODE	MODEL	DESCRIPTION/APPLICATION	ACCESSORIES
0125600 B	Throttle twist grip 307.1	For general using	Solder nipple, grub screw, cable protection cover

Technical data: Total stroke | 46 mm at a rotation of 115° for handlebars \varnothing 22 mm and 7/8"



309 THROTTLE TWIST GRIP

Throttle twist grip, one cable pull, with big rotation, two part housing of reinforced poly-carbon, protective sleeve.

ORDER CODE	MODEL	DESCRIPTION/APPLICATION	ACCESSORIES
0126003	Throttle twist grip 309.1	With grip "Street", SIMSON, SACHS, KTM, ZÜNDAPP	Cable support, cap, solder nipple

Technical data: Total stroke | 50 mm at a rotation of 213°



314 THROTTLE TWIST GRIP

Motocross throttle twist grip with single cable, parallel pull. DUO-settings (Motocross or Enduro). Cable routed over roller for ease of pull. Black reinforced poly carbon housing, pro-grid rubber grip, quick and easy cable change, without removing housing. Can be changed to enduro setting.

ORDER CODE	MODEL	DESCRIPTION/APPLICATION	ACCESSORIES
0730218	Twist grip set 314/029	In Motocross setting, with matching left grip	Solder nipple, rubber cable cover
0126386	Twist grip 314	In Motocross setting without matching left grip	Solder nipple, rubber cable cover

Technical data: Total stroke | 48 mm at a rotation of 103°/91°



317 ELECTRIC THROTTLE TWIST GRIP

Housing made of glass-fibre reinforced plastics for tube-Ø 22 mm. Overall length 150 mm, max. current-carrying capacity 1 Watt, resistor and range of control of the potentiometer see below. Outer diameter of connection cable-Ø 6 mm, cable up to 3 seels.

ORDER CODE	MODEL	DESCRIPTION/APPLICATION
0026471	Throttle twist grip/Poti 317.2	5 kOhm-potentiometer, working rate 0-5 kOhm, cable length 800 mm
0026474	Throttle twist grip/Poti 317.4	5 kOhm-potentiometer, working rate 0-5 kOhm, cable length 1800 mm
0026479	Throttle twist grip/Poti 317.9	5 kOhm-potentiometer, working rate 0-5 kOhm, cable length 225 mm, with Molex-plug, for MuZ-Scooter "Charly"

Technical data: Rotation angle 75°



700 MASTER BRAKE CYLINDER

Master brake cylinder for foot controlled rear disc brakes, tubing fitting M 10x1 to the brake calliper, without brake fluid reservoir, fitting for tubing connection to an external brake fluid reservoir.

ORDER CODE	MODEL	PISTON Ø IN MM	DESCRIPTION/APPLICATION
0131411	Master brake cylinder	16	Chrome painted housing, EML, KTM

Technical data: Stroke | 12 mm



SPARE PARTS AND
ACCESSORIES

SPARE PARTS

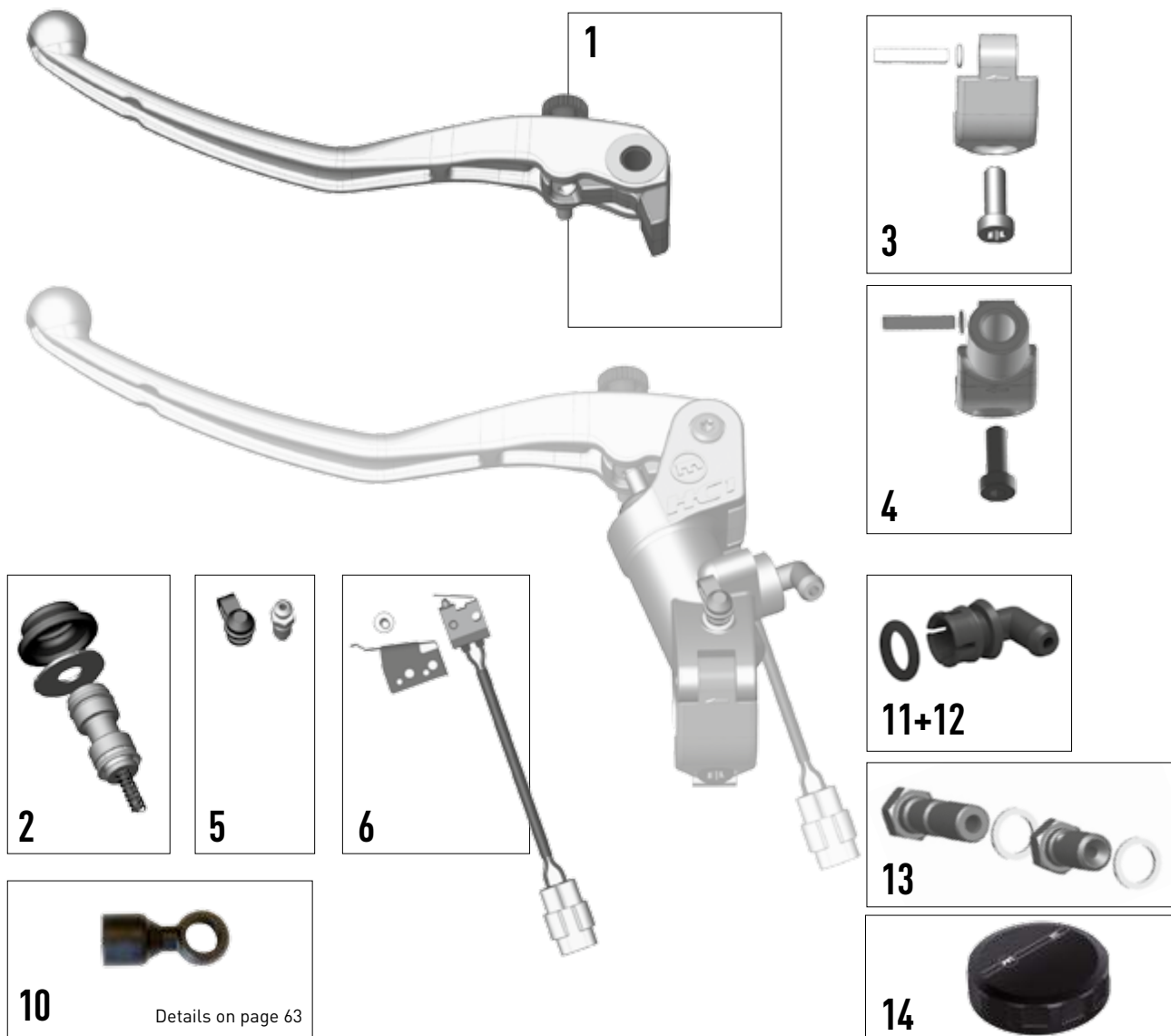
100%
PERFORMANCE



- 100% performance
- 100% precise fitment
- 100% flexible
- 100% MAGURA-quality



HC1 CLUTCH MASTER



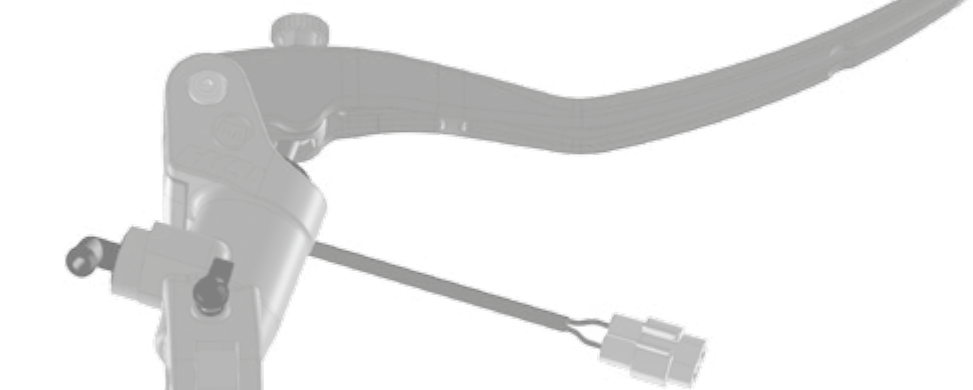
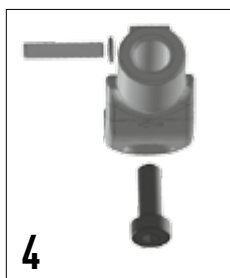
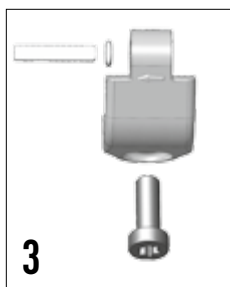
POSITION	DESCRIPTION	ORDER CODE
1	Clutch lever assembly large	2701156
	Piston kit Ø12 mineral oil	0723234
	Piston kit Ø13 mineral oil	0722110
2	Piston kit Ø12 DOT	0722211
	Piston kit Ø13 DOT	0722210
	Piston kit Ø16 DOT	0722209
3	Mounting bracket	2701161
4	Mirror mounting bracket	2701162
5	Bleeding valve	0722214
6	Start safety switch	2701168
7	Clutch reservoir 9 ml flange mount for mineral oil (compatible with HYMEC)	2700787
8	Clutch reservoir 9 ml remote mount for mineral oil	2700492
9	Clutch reservoir 9 ml remote mount for DOT	2700491
10	Radial Pressure Line Adapter Adapter converts banjo ring from axial to radial connection avoiding the requirement for a new brake or clutch pressure line. Suitable for brake and clutch applications Suitable for application with MAGURA HYMEC pressure lines	2700499
11	Socket	0428187
12	O-Ring for DOT	0428277
	O-Ring for mineral oil	0428175
13	Banjo Connector	0721786
	Double Banjo Connector (for 2 brake lines) Includes gasket washers	0721789
14	HCT reservoir covers -9 ml machined from high grade aluminium	2701401

10 Details on page 63

SERVICE

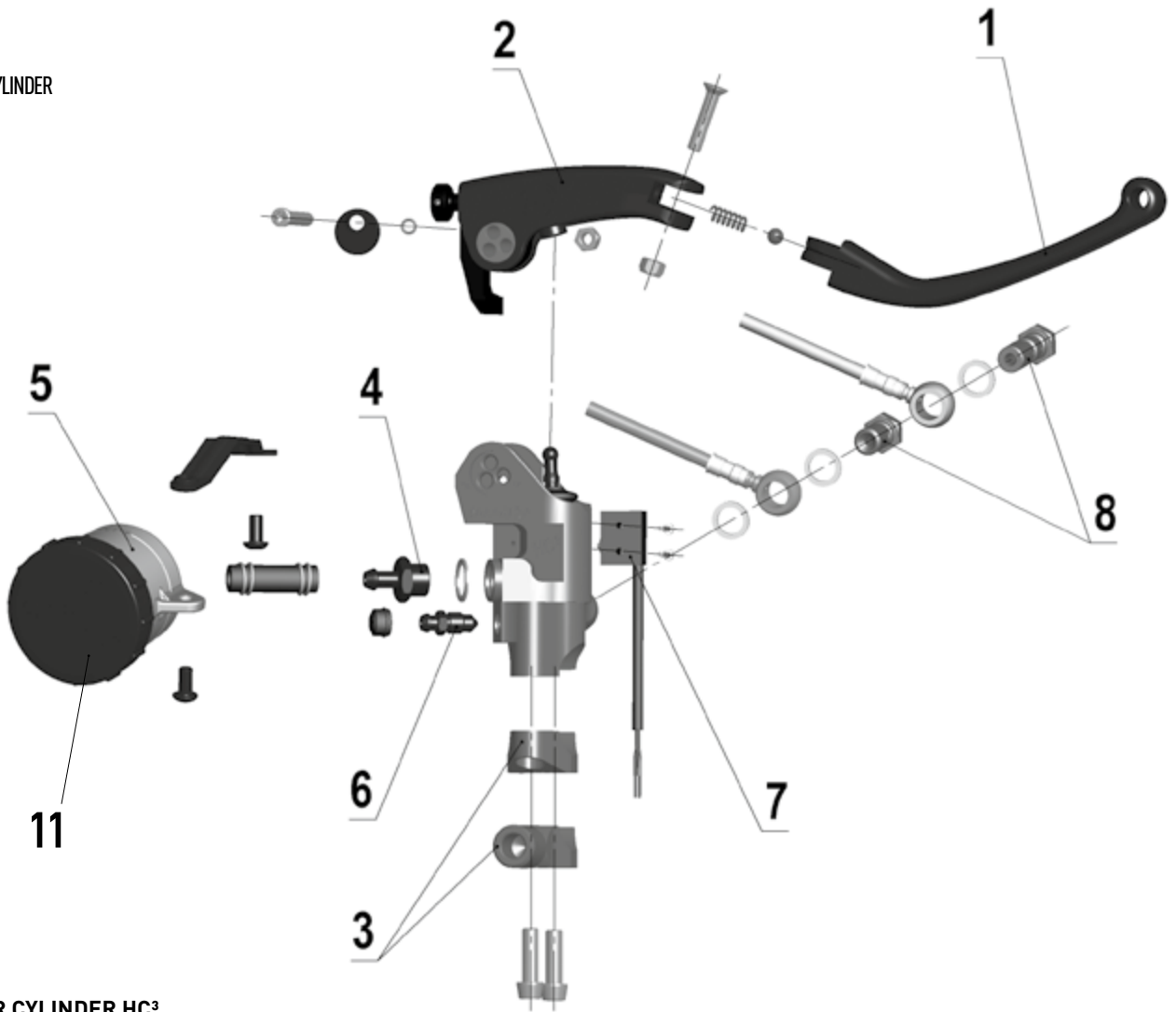
To obtain the full performance from your HC master you will need to return it to MAGURA or to a certified service partner to have it serviced. We recommend a service every 100,000 km or 10 years.

HC¹ BRAKE MASTER



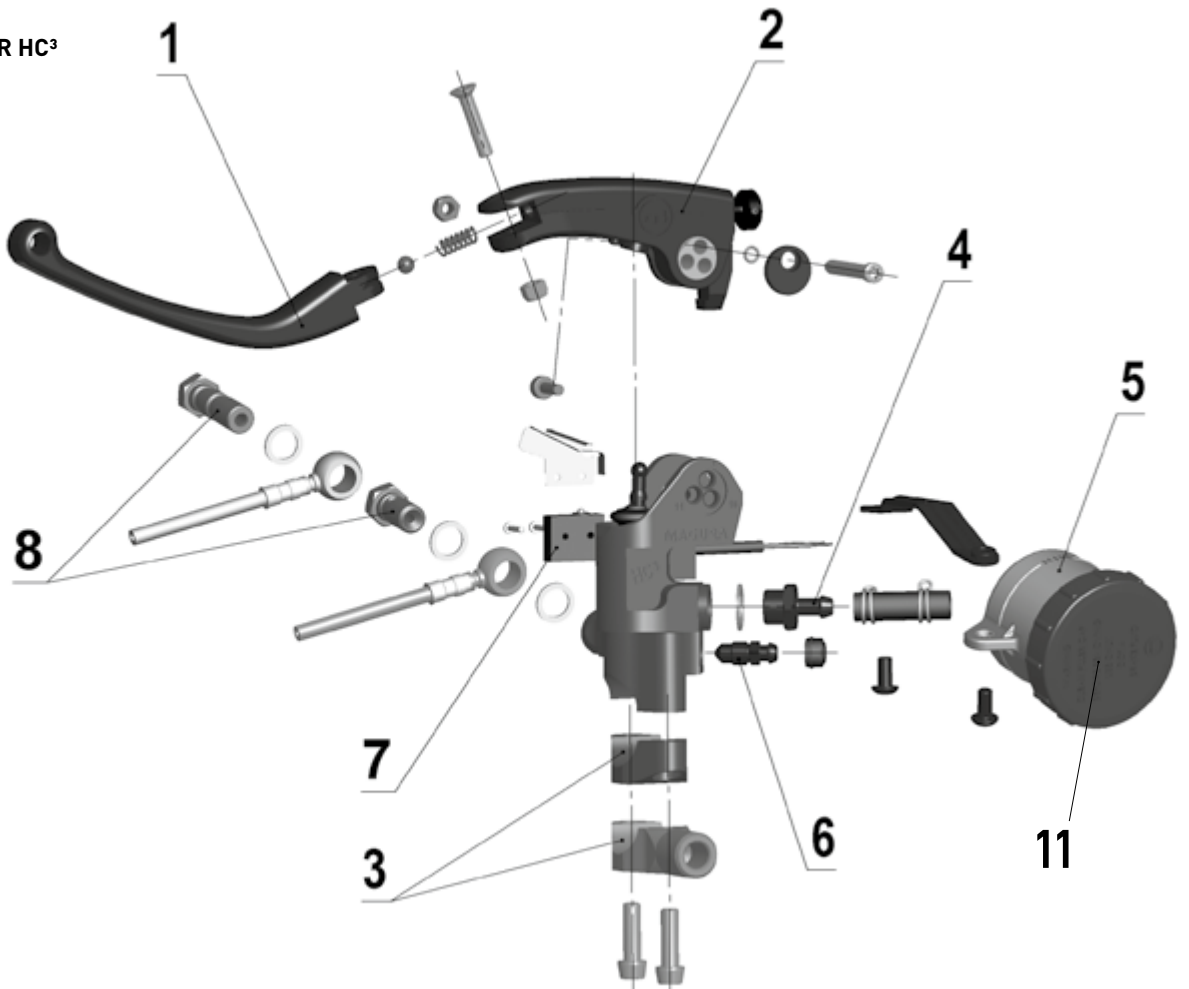
POSITION	DESCRIPTION	ORDER CODE
1	Brake lever assembly large	2701157
2	Brake lever assembly short	2701158
3	Mounting bracket	2701161
4	Mirror mounting bracket	2701162
5	Bleeding valve	0722214
6	Brake light switch	0722213
7	Brake reservoir 16 ml flange mount for single calliper brake systems	2700786
8	Brake reservoir 36 ml remote mount for double calliper brake systems	2700488
9	Brake reservoir 9 ml remote mount for single calliper brake systems	2700490
10	Radial Pressure Line Adapter Adapter converts banjo ring from axial to radial connection avoiding the requirement for a new brake or clutch pressure line. Suitable for brake and clutch applications Suitable for application with MAGURA HYMEC pressure lines	2700499
11	Socket (see on page 60)	0428187
12	O-Ring for DOT (see on page 60)	0428277
13	Banjo Connector Double Banjo Connector (for 2 brake lines) Includes gasket washers	0721786 0721789
14	HCT reservoir covers - 9 ml machined from high grade aluminium HCT reservoir covers - 16 ml machined from high grade aluminium HCT reservoir covers - 36 ml machined from high grade aluminium	2701401 2701402 2701403

Details on page 63



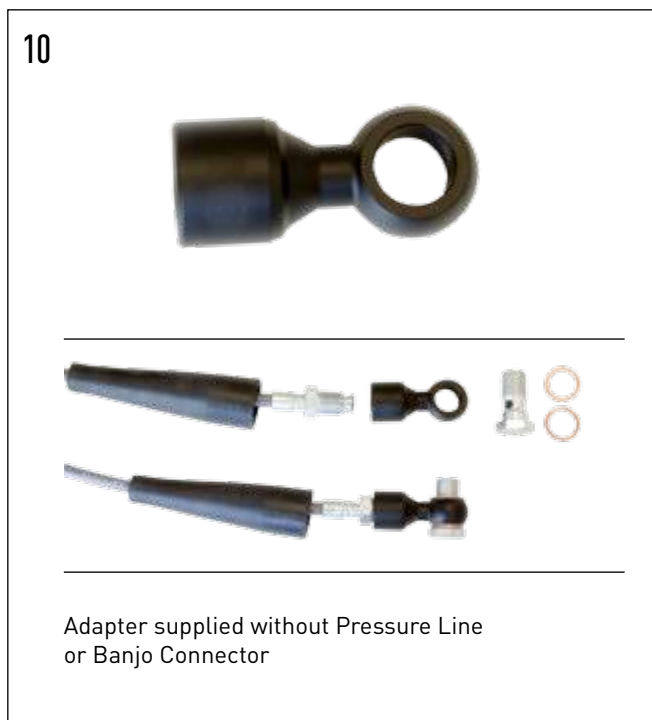
**BRAKE
MASTER CYLINDER HC³**

**CLUTCH
MASTER CYLINDER HC³**



SERVICE

To obtain the full performance from your HC master you will need to return it to MAGURA or to a certified service partner to have it serviced. We recommend a service every 100,000 km or 10 years.



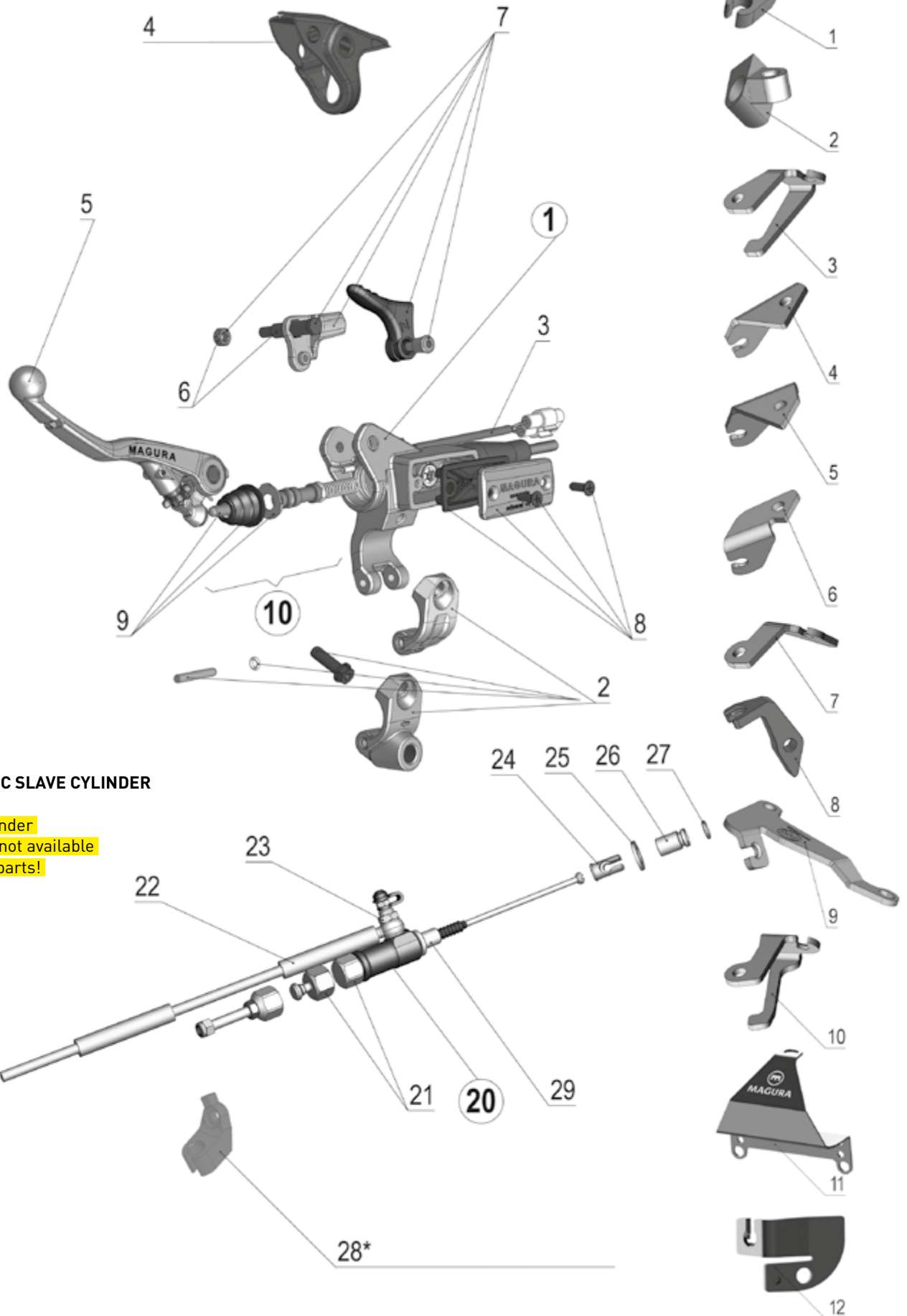
Adapter supplied without Pressure Line or Banjo Connector

HC³ | OPTIONAL AND SPARE PARTS



POSITION	DESCRIPTION	ORDER CODE
1	Folding Lever Blade long L = 193 mm	2700493
	Folding Lever Blade short L = 165 mm	2700494
	Includes retaining bolt, nut, spring and ball	
2	Lever Base - Brake	2700496
	Lever Base - Clutch	2700495
Includes reach adjust, bracket, piston activation rod, bellows and titanium lever securing bolt with self locking nut and o-ring		
3	Clamp	2700484
	Mirror Clamp	2700485
	Clamp Black	2701393
	Mirror Clamp Black	2701392
Includes 2 titanium clamp screws		
4	Reservoir Connector	2700486
Includes gasket washer		
5	Reservoir Radial HC Brake 36 ml	2700488
	Reservoir Radial HC Brake 9 ml	2700490
	Reservoir Radial HC Clutch 9 ml DOT	2700491
	Reservoir Radial HC Clutch 9 ml Mineral Oil	2700492
	Suitable for use with HC ¹ , HC ³ and Radial 195.	
Includes hose, security hose clamp (x2), retaining bracket and bolts.		
6	Bleed Nipple	0720527
Includes dust cover		
7	Switch-Kit Brake	0722213
	Switch-Kit Clutch	2700487
Includes retaining bolts		
8	Banjo Connector	0721786
	Double Banjo Connector (for 2 brake lines)	0721789
Includes gasket washers		
9	Remote Brake Lever Adjuster	2700497
On the fly lever reach adjustment for race track use.		
10	Radial Pressure Line Adapter	2700499
	Adapter converts banjo ring from axial to radial connection avoiding the requirement for a new brake or clutch pressure line.	
	Suitable for brake and clutch applications	
Suitable for application with MAGURA HYMEC pressure lines		
11	HCT reservoir covers - 9ml machined from high grade aluminium	2701401
	HCT reservoir covers - 36ml machined from high grade aluminium	2701403

167 HYMEC MASTER CYLINDER



167 HYMEC SLAVE CYLINDER

Slave cylinder
seal-kits not available
as spare parts!

167 HYMEC SPARE PARTS

POSITION	DESCRIPTION	ORDER CODE
1	Master cylinder*	Page 27
	Clamp black	2700176
	Clamp black for threaded mirror mount M 10 x 1.25 mm	2700177
2	Clamp black for threaded mirror mount M 10 x 1.5mm (BMW F 800 HYMEC) All supplied with fitting pin and retaining bolt	2700385
3	Clutch switch Clutch switch BMW F 800 HYMEC	0723187 2700384
4	Protection cover for lever without choke lever Protection cover for lever with choke lever	0723163 0723202
5	Lever Off-Road clutch silver long L = 146 mm Lever Off-Road clutch silver short L = 123 mm Lever Street clutch black L = 163 mm Lever Street clutch silver L = 163 mm	0723290 0723121 0723296 2700244
6	Screw for lever without deco	0723115
7	Deco lever black Hot start lever red	0723189 0723188
8	Reservoir cover for mineral oil use with bellow and screws Reservoir cover for DOT use with bellow and screws	2700501 2700215
9	Bellows with push rod and washer	0723116
10	Master piston-Ø 9,5 mm mineral oil 10,5 mm mineral oil 12 mm mineral oil	0723184 0723185 2700489
20	Slave cylinder	Page 38/39
21	Cap STANDARD Cap REAR MOUNT Cap REAR MOUNT VARIO	0430217 0430998 2100018
22	Pressure line kit CARBON with accessories L = 1.120 mm Pressure line kit CARBON with accessories L = 1.045 mm Pressure line kit ARAMID (cut to size) with accessories L = 1.500 mm	0722137 0722138 0722679
23	Banjo bolt with bleeding valve for carbon tubings M 6x16.5 mm	0722136
24	Nipple	0412310
25	Spacer/Washer	0451530
26	Sleeve for 2-stroke 15 mm Sleeve for 2-stroke 12 mm	0430985 0430987
27	O-ring (needed for sleeve 0430985 and 0430987)	0488255
28	1. Mounting adapter Suzuki RM-Z 250, model year 2004-2008 1. Mounting adapter Kawasaki KXF 250, model year 2004-2008 2. Mounting adapter Honda CRF 450 R, model year 2004 3. Mounting adapter Kawasaki KX 450 F, model year 2006 4. Mounting adapter Honda CRF 450 R, model year 2004-2009 5. Mounting adapter Suzuki RM-Z 250, from model year 2009 6. Mounting adapter Suzuki RM-Z 450, from model year 2009 7. Mounting adapter Kawasaki KX 450 F, from model year 2009 8. Mounting adapter Honda CRF 250 R, from model year 2014 9. Mounting adapter Honda CRF 450 R, model year 2015 10. Mounting adapter Kawasaki KX 450 F, model year 2015 11. Slave Protection Kawasaki KX 450 R, model year 2016 12. Mounting Adapter Honda CRF 450 R 2017	0430240 0430240 0430220 0430997 0431001 0430990 0430991 0431002 2401084 2401330 2401327 2402034 2402479
29	Support	0430224
30	MAGURA-Blood 100 ml - F/NL MAGURA-Blood 1 l - F/NL MAGURA-Blood 100 ml - D/E MAGURA-Blood 1l - D/E	2700818 2700819 0721820 0721821
31	Service-Kit HYMEC	0722152



HYMEC FOR HARLEY

0722163
Geberzylinder schwarz kpl. m. Hebel
master cylinder black cpl. with lever blade

0722180
Geberzylinder chrom kpl. m. Hebel
master cylinder chrome cpl. with lever blade

0722182
Hebel kpl., chrom +1)
lever blade cpl., chrome

0722167
Hebel kpl., poliert +1)
lever blade cpl., polished

0722165
Bolzen u. Clip
bolt and clip

0722166
Deckel schwarz
cover black

0722181
Deckel chrom
cover chrome

0720560
Balg
bellows

0722164
Geberkolben kpl.
master piston cpl.

0722179 **Big Twin**
Nehmerzylinder kpl.
slave cylinder cpl.

0722184 **Sportster**
Zubehör
accessory

0722185 **Big Twin**
Zubehör
accessory

0722136
Hohlschraube kpl.
banjo screw cpl.

0722161 **Sportster**
Leitung kpl. l=1450mm
hose cpl.

0722162 **Sportster**
Leitung kpl. l=2030mm
hose cpl.

195 RADIALMASTER CYLINDER

1



2



4



3 + 5 + 6



0722177
Kurzhebel (150 mm) silber f.
∅ 12 u. ∅ 13
short lever blade silver f.
∅ 12 and ∅ 13

0722202
Langhebel (175 mm)
silber f.
16 u. ∅ 20
long lever blade (175 mm)
silver f.
16 and ∅ 20

0722112
Langhebel (KUPPLUNG)
long lever (CLUTCH)

0722092
Hebelschraube kpl.
lever screw cpl.

0428187
Stutzen
socket

0722206
Halter (BREMSE)
bracket (BRAKE)

0722090
Halter (KUPPLUNG)
bracket (CLUTCH)

0722214
Entl.-ventil
bleeding valve

0722098
Einstellschraube
adjusting screw

0428175
O-Ring
(für Mineralöl)
o-ring
(for mineral oil)

0428277
O-Ring
(für Bremsflüssigkeit)
o-ring
(for brake fluid)

Bremsflüssigkeit
DOT 4 / 5.1
brake fluid
DOT 4 / 5.1

Mineralöl
mineral oil

0723234
Kolben kpl. f. ∅ 12
piston cpl. f. ∅ 12

0722110
Kolben kpl. f. ∅ 13
piston cpl. f. ∅ 13

0723025
Kolben kpl. f. ∅ 11
piston cpl. f. ∅ 11

0722211
Kolben kpl. f. ∅ 12
piston cpl. f. ∅ 12

0722210
Kolben kpl. f. ∅ 13
piston cpl. f. ∅ 13

0722209
Kolben kpl. f. ∅ 16
piston cpl. f. ∅ 16

0722208
Kolben kpl. f. ∅ 20
piston cpl. f. ∅ 20

0722100
Wippe kpl.
plate cpl.

0722213
Schalter kpl. (BREMSE)
switch cpl. (BRAKE)

0722102
Schalter kpl. (KUPPLUNG)
switch cpl. (CLUTCH)

0721786
Hohlschraube
hollow screw

0722146
Leitung kpl. mit
Anschlüssen
hose cpl. with
fittings

0722201
Spiegelschelle
mirror mounting
bracket

0722219
Schelle
mounting bracket

POSITION	MODEL	DESCRIPTION/APPLICATION	ORDER CODE
1	195 Brake reservoir	16 ml flange mount for single calliper brake systems	2700786
2	195 Brake reservoir	36 ml remote mount for double calliper brake systems	2700488
3	195 Brake reservoir	9 ml remote mount for single calliper brake systems	2700490
4	195 Clutch reservoir	9 ml flange mount for mineral oil (compatible with HYMEC)	2700787
5	195 Clutch reservoir	9 ml remote mount for mineral oil	2700492
6	195 Clutch reservoir	9 ml remote mount for DOT	2700491

167 CLUTCH MASTER CYLINDER

0723202

Schutzkappe
protection cap

2700244

Extra lang kpl. l=163mm silber
extra long cpl. l=163mm silver

0723296

Extra lang kpl. l=163mm schwarz
extra long cpl. l=163mm black

0723121

Kurzhebel kpl. l=123mm
short lever cpl. l=123mm

0723290

Langhebel kpl. l=146mm
long lever cpl. l=146mm

0723188

Hebel kpl. (Heissstarthebel/rot)
lever cpl. (lever for hot start/red)

0723189

Hebel kpl. (Dekohebel/schwarz)
lever cpl. (deco lever/black)

0723187

Schalter kpl.
(mit Stößel u. Schraube)
switch cpl.
(with ram and screw)

2700384

Schalter kpl.
BMW-Stecker
switch cpl.
BMW connector

0723115

Bundschraube M5
ohne Deko
shouldered screw M5
without deco

0723116

Balg (m. Druckstange u. Scheibe)
bellows (with push rod and washer)

0723184

Kolben kpl. \varnothing 9,5 Mineralöl
piston cpl. \varnothing 9,5 mineral oil

0723185

Kolben kpl. \varnothing 10,5 Mineralöl
piston cpl. \varnothing 10,5 mineral oil

2700489

Kolben kpl. \varnothing 12 Mineralöl
piston cpl. \varnothing 12 mineral oil

2700181

Kolben kpl. \varnothing 9,5 DOT
piston cpl. \varnothing 9,5 DOT

2700182

Kolben kpl. \varnothing 10,5 DOT
piston cpl. \varnothing 10,5 DOT

0723118 B

Schelle
mounting bracket

2700176

Schelle schwarz
mounting bracket black

0723183 B

Spiegelschelle
mirror mounting bracket

2700177

Spiegelschelle schwarz
mirror mounting bracket black

2700501

Deckel-Kit Mineralöl
cap-kit mineral oil

2700215

Deckel-Kit DOT
cap-kit DOT

167 BRAKE MASTER CYLINDER

0723115

Bundschraube M5
shouldered screw M5

0723114

Kappe
cap

0723123

Bremslichtschalter
brake light switch

0723073 B

Langhebel kpl. L=146mm
long lever cpl. L=146mm

0723292

Kurzhebel kpl. L=123mm
short lever cpl. L=123mm

0723116

Balg (m. Druckstange u. Scheibe)
bellow (with push rod and washer)

0723117

Kolben kpl. \varnothing 9,5 DOT
piston cpl. \varnothing 9,5 DOT

0723071

Kolben kpl. \varnothing 12,0 DOT
piston cpl. \varnothing 12,0 DOT

0723119

Balg
bellow

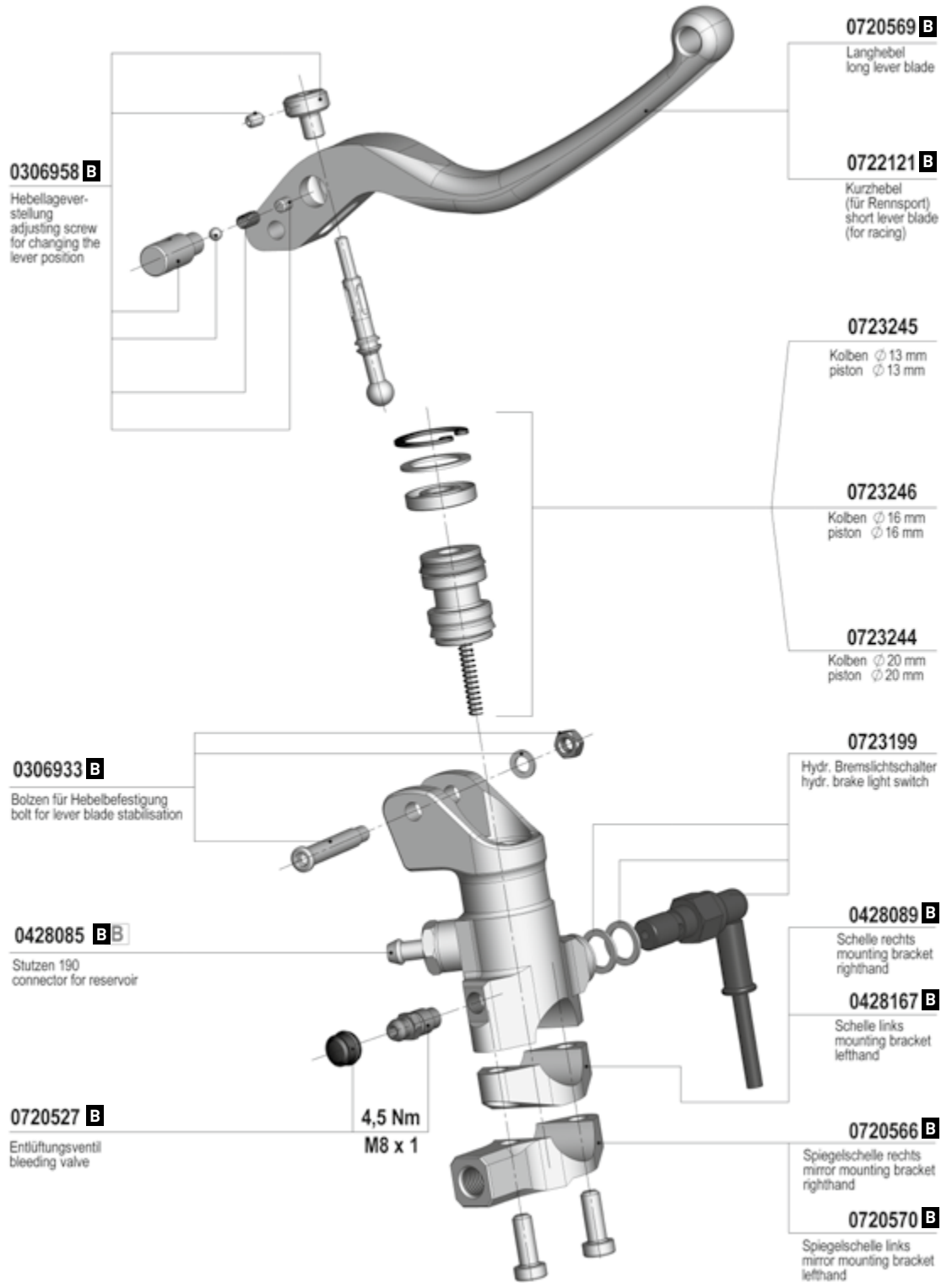
0723120

Deckel
cover

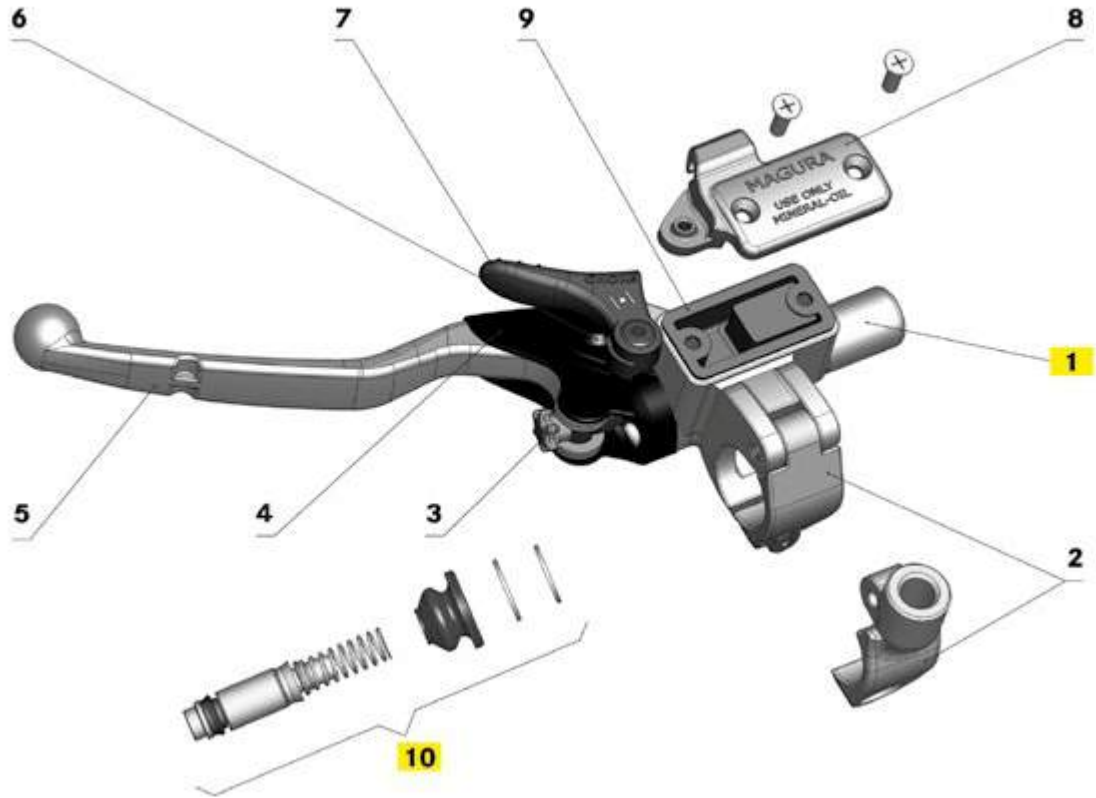
0723118

Schelle
mounting bracket

SPARE PARTS FOR 190 EBZ* MASTER CYLINDER



163 HYMEC MASTER CYLINDER



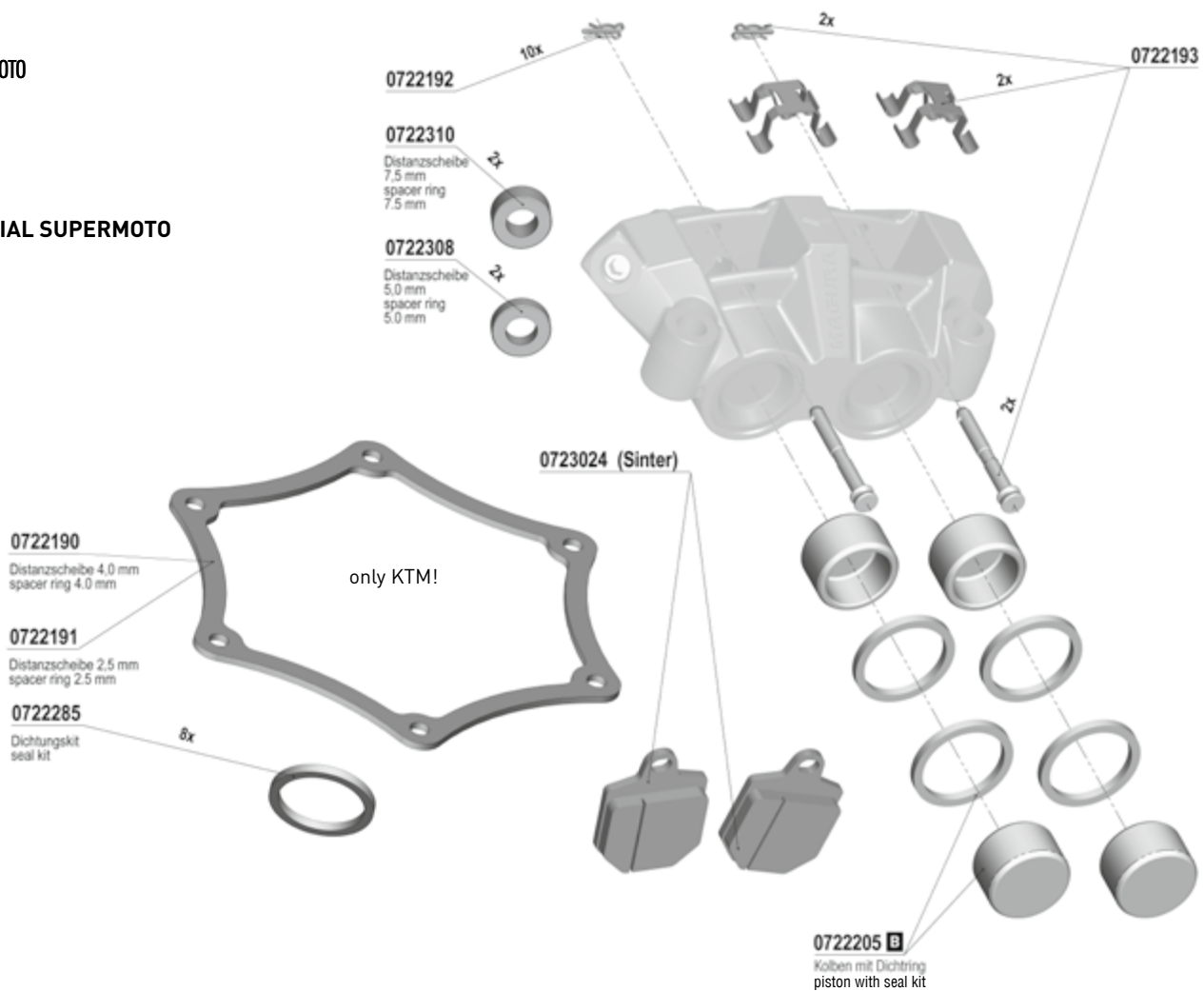
163 MASTER CYLINDER SPARE PARTS

POSITION	DESCRIPTION	ORDER CODE
1	Master cylinder - for replacement options see 167 master	Page 27
2	Clamp with spiral spin	0720546
	Clamp for threaded mirror mounting M 10x1.25 mm	0720543
	Clamp schwarz for threaded mirror mounting M 10x1.25 mm	0722026 B
3	Adjuster wheel for lever, red (packaging unit 10 pcs.)	0720572
4	Protection cover for lever	0429633
5	Long lever blade with accessories and coil spring l = 147 mm	0720598
	Short lever blade with accessories and coil spring l = 123.5 mm	0720600
	Special lever blade f. master cylinders with bigger space l = 152 mm	0722021
6	Screw for lever	0720504 B
7	Deco lever black	0720552
	Choke lever black	0722118
	Choke lever red	0722312
8	Cover without deco-/choke lever	0720544
	Cover with thread for deco lever	0720553
	Cover with hole for deco lever	0720559
	Cover for choke lever	0722139
	Cover black without deco-/choke lever	0720500 B
9	Reservoir membrane for mineral oil	0720560
	Reservoir membrane for DOT	0429560
10	Master piston Ø	
	9,0 mm Mineral oil	0722027
	9,5 mm Mineral oil	0720555
	10,5 mm Mineral oil	0720499
	9,5 mm DOT	0723293
10,5 mm DOT	0720525	

750

RADIAL SUPERMOTO

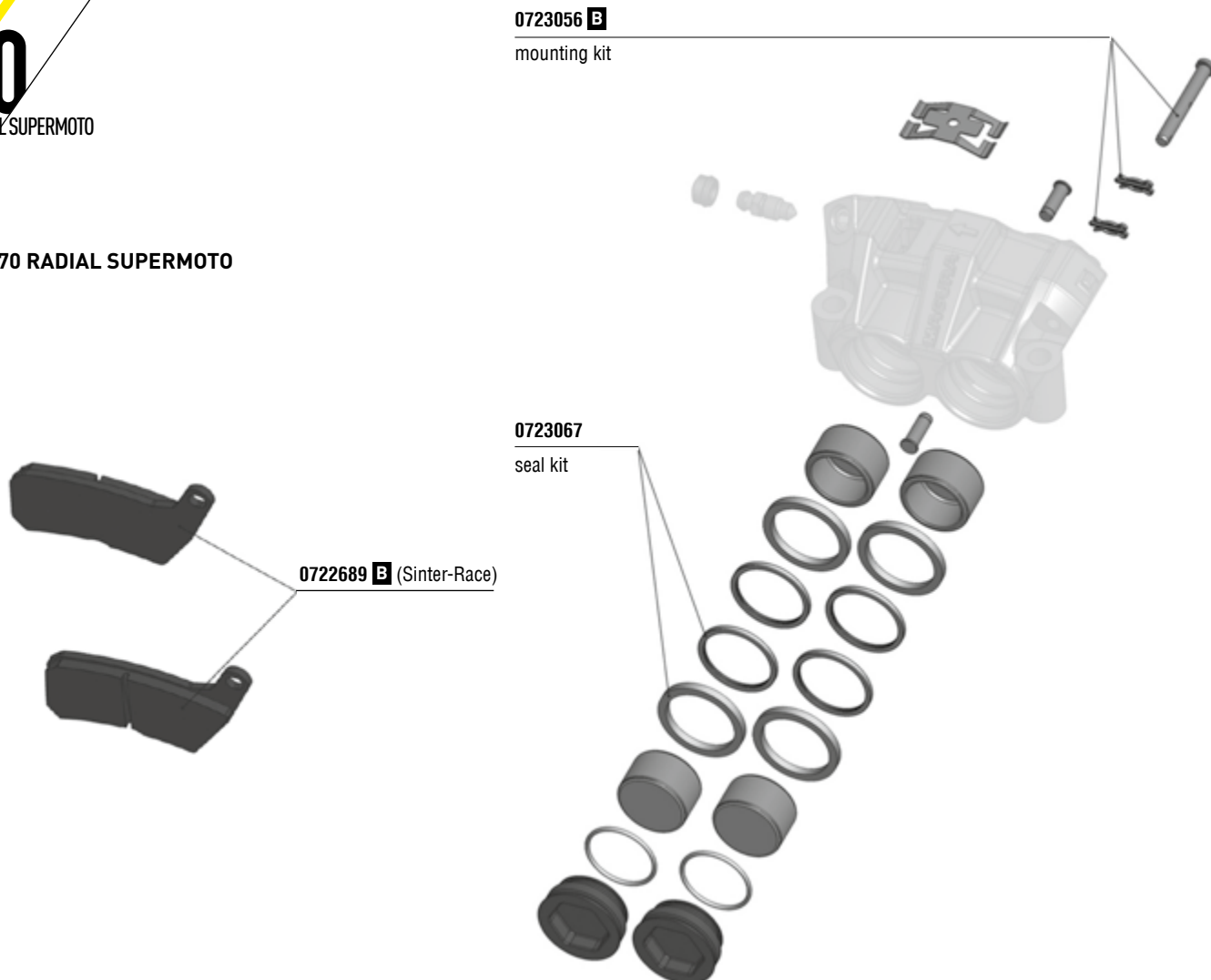
750 RADIAL SUPERMOTO



770

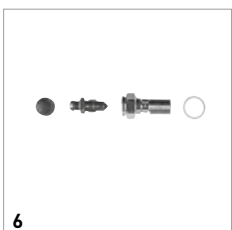
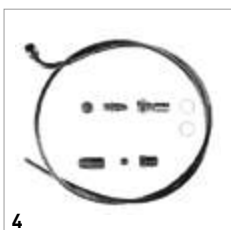
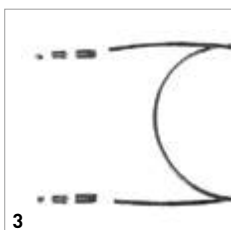
RADIAL SUPERMOTO

770 RADIAL SUPERMOTO



Z01 HYDRAULIK ACCESSORIES

ORDER CODE	MODEL	DESCRIPTION/APPLICATION
CARBON TUBINGS		
0722138	Carbon tubing kit	For HYMEC, length 1,045 mm
0722137	Carbon tubing kit	For HYMEC, length 1,120 mm
0722136	Banjo bolt	With bleeding valve M 6x16.5 mm for HYMEC
STEEL BRAIDED HOSES		
0722146	Steel braided hose	For MAGURA Brake System 750.1, length 1,185 mm, DOT
1 0722004	Steel braided hose	Length 1,025 mm
2 0722005	Steel braided hose	KTM 4-Stroke Racing, length 975 mm
0722015	Steel braided hose	KTM LC8, length 1,140 mm
0722016	Steel braided hose	KTM LC4, length 1,025 mm
0722023	Steel braided hose	Husaberg, length 1,020 mm
0722057	Steel braided hose	KTM 250/380, length 970 mm
1 0306956	Steel braided hose	KTM 2-Stroke 125/200, length 970 mm
6 0720505	Banjo bolt	To fix the clutch tubing with thread M 10x1, inclusive bleeding screw
5 0721786	Banjo bolt	For single brake line, without bleeding valve, M 10 x1
0721789	Banjo bolt	For two line fittings, M 10 x1
PA-TUBINGS		
4 0131890	PA-tubing kit	Length 1,025 mm
3 0131893	PA-tubing kit	With protection tube, length 1,045 mm
0131894	PA-tubing kit	KTM 65/85 SX, with protection tube, length 910 mm
0720551	PA-tubing kit	KTM 4-Stroke Racing, length 975 mm
0722679	PA-tubing kit	For HYMEC, length 1,500 mm, shortable
0431863	PA-tubing	5 m without accessories
7 0720308	Olive/packing unit 10 pcs.	To fix the clutch tubing in the sleeve screw 0720548
8 0720548	Sleeve screw/packing unit 10 pcs.	To connect the clutch tubing and the master cylinder, M 10x1
0722136	Banjo bolt	For HYMEC-versions with PA-tubing
0720581	Protection tube	For all MAGURA PA-tubing kits
SERVICE-KITS		
9 0722152	Service-Kit HYMEC	Contains everything you need to refill MAGURA's HYMEC
10 2700818	MAGURA-Blood 100 ml - F/NL	High quality hydraulic mineral based oil for HYMEC
10 2700819	MAGURA-Blood 1 l - F/NL	High quality hydraulic mineral based oil for HYMEC
10 0721820	MAGURA-Blood 100 ml - D/E	High quality hydraulic mineral based oil for HYMEC
10 0721821	MAGURA-Blood 1l - D/E	High quality hydraulic mineral based oil for HYMEC
11 0721630	MAGURA Royal Blood 100 ml	High quality hydraulic mineral based oil for hydraulic clutch systems
11 0721631	MAGURA Royal Blood 1 l	High quality hydraulic mineral based oil for hydraulic clutch systems




Z02 GRIPS, PAIRS OF GRIPS

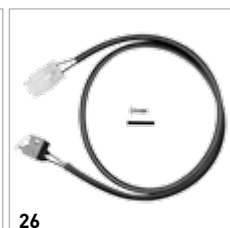
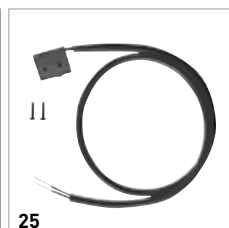
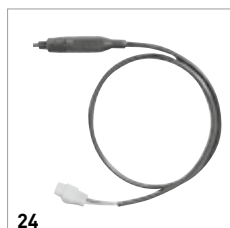
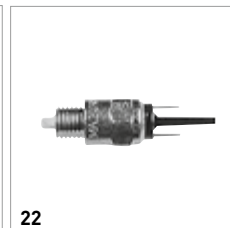
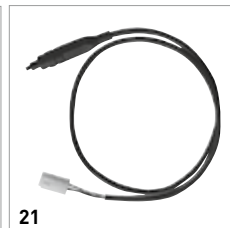


*
sz | rubber black
szw | rubber black, soft
ksz | fibre reinforced black
tsz | thermoplastic elastomer, black

ORDER CODE	MODEL	DESCRIPTION/APPLICATION	LENGTH IN MM	
PAIR OF GRIPS				
11	0720850	150 sz*/151 sz* for tube-Ø 25/22	BMW/5-models and older	129
12	0720851	125 sz* for tube-Ø 25/22	For Oldies and especially for Trial	125
13	0720853	312 szw* for tube-Ø 25/22	Special grip for Off-Road	125
14	0720854	250 ksz* for tube-Ø 25/22	For mopeds with automatic engines	114
15	0720855	289 tsz* for tube-Ø 25/22	Our soft grip for street bikes	126
16	0720856	250 ksz* for tube-Ø 25, Wulst-Ø 48	including BMW C1	116
17	0720920	316 ksz* for tube-Ø 25/22	Mopeds with gear grip	116
18	0720032	DAB6 sz for tube-Ø 27,5	Oldie grip for Heinkel Roller VE 10	120

Z03 SWITCHES

ORDER CODE	MODEL	DESCRIPTION/APPLICATION
18	0128496	Switch 558.61 On in paused position, white pusher, micro-switch with spring, for thread 1/4"
19	0128500	Switch 558.12 Off in paused position, black pusher, for thread 1/4", start safety switch for MAGURA-model 163
20	0128510	Switch 558.51 On in paused position, pluggable, blue pusher, for MAGURA-models 116/117, for Suzuki and Simson scooters
21	0306938	Switch 163  For Yamaha XT 660 – HYMEC, cable length 620 mm
22	0550993	Switch 558.34 On in paused position, white pusher, for thread M 8x1
	0723199	Switch 701 Hydraulic brake light switch
23	0420380	Protection cover 558 For all switch models 558 small inner-Ø 3.6/ big inner-Ø 10.5
24	0722014	Clutch switch 163 KTM-models LC 4 from 2003 and LC 8, for thread 1/4", cable length 550 mm
25	0722102	Switch 195 For RADIAL 195 Clutch
25	0722213	Switch 195 For RADIAL 195 Brake, cable length 400 mm
26	0723187	Clutch switch 167 For MAGURA model 167 (Clutch)
27	2700384	Clutch switch 167 For BMW-HYMEC (Clutch)
	0723197	Brake light switch 167 For MAGURA model 167 (ATV-Brake), cable length 760 mm
	0723123	Brake light switch 167 For MAGURA model 167, cable length 400 mm



Z05 SOLDER NIPPLES, SOLDER NIPPLE BARRELS

ORDER CODE	PACKING UNIT	DIMENSIONS IM MM		
		Ø WIDTH	LENGTH	HOLE
SOLDER NIPPLE BARREL				
0720229	20	8	8	4
0720230	20	8	9	2,6
0720232	20	9/8	15,5	2,5
0720233	20	10/8,3	14,5	2,3
0720234	10	10	11,6	2,3
SOLDER NIPPLE				
0720237	20	6/3,5	13	2,3
0720240	20	6/3,5	8	2,3
0720241	20	6/3,5	8	2,0
0720242	20	6/3,5	8	1,8
0720243	20	3,2	5	1,8
0720246	20	6,5	4	1,8
0720248	20	6	5,5	1,8
0720249	20	5	7,5	1,8
0720250	20	8	9	2,3

Z05 NIPPLE ASSORTMENT



















ORDER CODE	DESCRIPTION/APPLICATION
0736500	A well sorted selection of 100 various screw nipples, solder nipples and nipple barrels in a very comfortable plastic box. "A need in biker's garage!"








Z05 SCREW NIPPLES

ORDER CODE	PACKING UNIT	DIMENSIONS IM MM		
		Ø WIDTH	LENGTH	HOLE
SCREW NIPPLES				
0720252	20	7	10,5/6,5	2,4
0720253	20	10,6	12,5	2,5
0720254	10	10,8	13	2,8
0720255	20	8	8,5	2,5
0720256	20	7	9	2,5
0720257	20	6	9	2,5
0720258	10	10	18	3
0720259	20	5	9,5	2
0720260	20	8	15	2,3
0720262	20	5	7,5	2
0720263	20	5,5	10	2
0720264	20	5,5	5,7	1,8

Z05 ADJUSTING SCREWS

	ORDER CODE	PACKING UNIT	DIMENSIONS IM MM			
			THREAD	LENGTH	SLEEVE Ø	CABLE Ø
	GUIDE TUBE					
	0720276	10	-	-	6,5	3
	UNSLOTTED ADJUSTING SCREW					
	0720277	20	M 5	27	5	2,5
	0720278	20	M 6	32	6,8	2,8
	0720279	20	M 6	41	6,1	2,5
	0720280	20	M 6	30	6,1	2,5
	0720281	20	M 6	38	6,5	2,7
	0720282	10	M 8	36	10,2	4
	0720283	10	M 8	36	8,2	4
	0720284	10	M 8	36	7	4
	0720286	10	-	31	6,5	3
	0720777	10	M 10x1	44	11	6,2
	SLOTTED ADJUSTING SCREW, WITH KNURLED METAL NUT					
	0720288	10	M 7	42	6,5	3,5
	0720289	10	M 7	42	8,2	3,5
	0720291	10	M 6	32	6,5	2,2
	0720292	10	M 6	32	6,5	2,2
	0720776	10	M 10x1	44	11	2,4

Z07 DECOMPRESSION LEVERS, CHOKE LEVERS ...

	ORDER CODE	MODEL	DESCRIPTION/APPLICATION
	CONTROL LEVER		
	0111370	12	Decompression lever, shank Ø 22 mm with supporting hole Ø 6.7 mm, cable fixing with clamp screw, cable pull 16 mm
	0111524	14AL7	Left version, air-lever, black painted, cable fix with nipple, for Ø 22 mm handlebars
	0114150	30.1	Stroke 41 mm, single cable, clamp fix, cable fixing with solder nipple
	0110100	HA02-Rechts	For round pulley, single cable, thread M 6 to screw onto a tube-Ø 22 mm, with solder nipple for cable fixing
	0110200	HB02-Links	As above, but left version
	LEVER		
	0114240	37.6	As above, but with an extra disc and spring washer for more power control
	0550735	81.13	Stroke 24 mm, right version, for MAGURA-models 114, 115, 224

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www.HDTwin.com

Parts Unlimited
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