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Specifications are subject to change with prior notice

Any and all riding stunts printed in this catalogue have been completed by professional riders in a controlled environment and are only possible with exceptional skill and experience combined with intensive training. Please do not under any circumstance attempt to replicate these actions!

# HIGH-LIGH-S

HYDRAULIC CLUTCH ACTIVATION THANKS TO MAGURA HYMEC - FOR INCREASED SAFETY AND AN EASIER BIKING LIFE. NOW AVAILABLE FOR POPULAR MODELS SUCH AS THE YAMAHA MT-07 AND MT-09 AS WELL AS THE KTM 790 ADVENTURE.



BUILT FOR THE ROAD AND AT HOME ON THE RACETRACK - THE HC3
RADIAL MASTER CYLINDER OFFERS THE OPTION TO COLOUR CODE IT TO MATCH YOUR MOTORCYCLE. THANKS TO THE FULLY RADIAL DESIGN AND THE PATENTED HCT PISTON TECHNOLOGY THIS WORLD CLASS MASTER OFFERS UNIQUE PERFORMANCE AND WE NOW OFFER FIVE COLOUR-KITS TO ALLOW YOU TO PERSONALISE WITH TWO DIFFERENT LEVER AND RESERVOIR OPTIONS - YOU CAN PERSONALISE THE HC3 FOR YOUR MOTORCYCLE.





### MADE FOR THE ROAD, AT HOME ON THE TRACK

BRAKE AND CLUTCH ACTIVATION BASED ON HC-TECHNOLOGY IS CURRENTLY AVAILABLE IN TWO DIFFERENT MODEL VARIATIONS. IF YOU CONSIDER YOURSELF TO BE A COMFORT LOVING TOURER, A RACER OR A CUSTOM BIKE FAN EVERY MOTORCYCLE RIDER WILL BENEFIT FROM THE HC-TECHNOLOGY AND MAGURA CAN OFFER THE PERFECT MASTER CYLINDER FOR ALMOST EVERY APPLICATION.

If you have ridden using the brake or clutch activation you will never want anything else thanks to the self designed and patented HC-Technology.

Where a racer requires maximum performance and control, a road rider values the safety and comfort offered by a MAGURA master cylinder.

The patented Hard Core Technology improves the precission of the activation, offers a constant pressure point and is built to last. These qualities are not only required on the racetrack but also play an important role for every road based rider.

The patented HC-Technology is used in the MA-GURA radial and slanted radial master cylinder ranges. It improves the response characteri-

stics of your brake and clutch activation while reducing the seal wear inside your master cylinder.

This is made possible through the use of a stationary primary seal and a slotted piston. Besides the performance improvement and increased durability the technology also ensures that seal damage due to ABS kickback is no longer an issue. Every MAGURA HCT radial master cylinder is 100% ABS compatable. (Status Q4.2019)

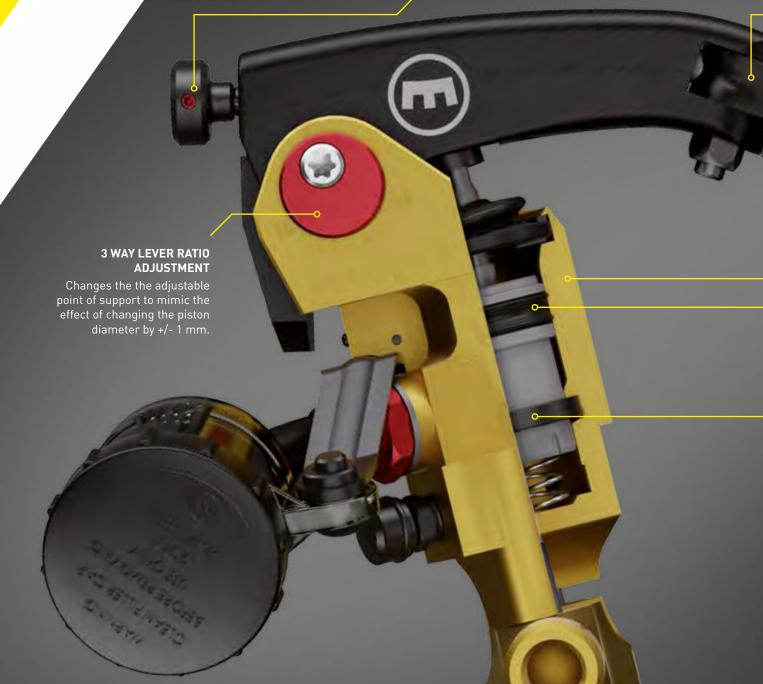
Both the MAGURA HC1 and HC3 ranges benefit additionally from the "Advanced Seal Technology". This innovation will reduce or eliminate secondary seal air ingress, as often experienced in race conditions under extreme loads.



## POWERSPORTS TECHNOLOGY

### **REACH ADJUSTER**

Set your lever at your preferred reach adjustiment.





**MACHINED ALUMINIUM BODY** 

**PISTON AND SECONDARY SEAL** 

### **STATIONARY PRIMARY SEAL**

Reduces the internal friction, improves the ABS activation. The key to our HC-Technology.



### **FEATURES OF OUR HC-TECHNOLOGY:**

- Improved feel at the lever due to reduced internal friction
   Increased durability through the reduction of seal wear
   Less pulsation during ABS pressure compensation
   100% ABS Compatibility



MAGURA OFFERS A LOW-COST SERVICE REVISION. THIS IS RECOMMENDED EVERY 10 YEARS OR 100,000 KM.







The feeling of a direct pressure point offers precision to your brake and clutch activation that benefit every motorcycle fan. If you have experienced the performance of a MAGURA radial master you will not want to use anything else in the future. Thanks to the slanted radial design the HC1 master offers benefits when the available space for the master cylinder is limited due to its compact size and shape.

As with all MAGURA products this ABS compatible radial master stands out by offering perfect ergonomics combined with excellent workmanship down to the last detail. The patented HC-Technology reduces the internal friction adding to the improved feel for your brake.

The HC1 is delivered with a pre-installed brake light switch and a remote fit fluid reservoir. As optional accessories we offer various fluid reservoir types, two different lever lengths as well as an optional mirror mount clamp.

### **SERVICE**

To retain the full performance of your HC master cylinder we recommend a service revision through our MAGURA Service or from one of our certified service partners. This revision should be done following 100.000 km or 10 years of service.



### **HC1** BRAKE MASTER

DESCRIPTION	ORDER CODE
HC1 Brake Master Piston diameter 18 mm, long lever blade	2100453
HC1 Brake Master Piston diameter 15 mm, long lever blade	2100451
HC1 Brake Master Piston diameter 12 mm, short lever blade	2100452

### **HC1 CLUTCH MASTER**

DESCRIPTION	ORDER CODE
HC1 Clutch Master Piston diameter 16 mm (for DOT), long lever blade	2100457
HC1 Clutch Master Piston diameter 13 mm (for DOT), long lever blade	2100489
HC1 Clutch Master Piston diameter 12 mm (for DOT), long lever blade	2100454
HC1 Clutch Master Piston diameter 13 mm (for mineral oil*), long lever blade	2100456
HC1 Clutch Master Piston diameter 12 mm (for mineral oil**), long lever blade	2100455

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

### **OPTIONAL EXTRAS**

(must be ordered separately)

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

### 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



The complete current ABE recommended fitment listing with additional models can be found available to download at magura.com

IF YOUR MOTORCYCLE IS NOT LISTED IN OUR RECOMMENDED FITMENT LISTING IT IS POSSIBLE TO OBTAIN AN APPROVEMENT BY ARRANGING AN APPOINTMENT WITH YOUR LOCAL TECHNICAL SERVICE (IN GERMANY A PARAGRAPH 19.3 APPROVED BY A STATE APPROVED TECHNICAL INSPECTOR). FOR A RECOMMENDATION WHICH MASTER CYLINDER TO USE PLEASE CONTACT US ON MAGURA.COM INCLUDING DETAILS ON YOUR CURRENT BRAKE MASTER CYLINDER.







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 04.2019)

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** WITH ABE

### **HC3 BRAKE MASTER**

MODEL	COLOUR	ORDER CODE
HC3 Brake Master Piston diameter 18 mm = 17 to 19 mm (fully ABE approved)	Black Gold	2100691 2100299
HC3 Brake Master Piston diameter 15 mm = 14 to 16 mm (fully ABE approved)	Black Gold	2100689 2100297
HC3 Brake Master Piston diameter 12 mm = 11 to 13 mm, short lever blade, without switch and ABE (race version)	Black Gold	2100690 2100298

### **HC3 CLUTCH MASTER**

MODEL	COLOUR	ORDER CODE
HC3 Clutch Master Piston diameter 15 mm = 14 to 16 mm (for brake fluid use - DOT)	Black Gold	2100692 2100300
HC3 Clutch Master Piston diameter 12 mm =11 –13 mm (for mineral oil use*)	Black Gold	2100693 2100301

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
- \* Standard equipment on 12 mm HC3 Brake Master for racing



**SPARE PARTS AND ACCESSORIES** ON PAGES 50-51

### **DELIVERY INCLUDES**

Each HC3 master cylinder comes ready to install and delivery

- 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 complete current ABE recommended fitment listing with additional models can be found available to download at **magura.com** 

IF YOUR MOTORCYCLE IS NOT LISTED IN OUR RECOMMENDED FITMENT LISTING IT IS POSSIBLE TO OBTAIN AN APPROVEMENT BY ARRANGING AN APPOINTMENT WITH YOUR LOCAL TECHNICAL SERVICE (IN GERMANY A PARAGRAPH 19.3 APPROVED BY A STATE APPROVED TECHNICAL INSPECTOR). FOR A RECOMMENDATION WHICH MASTER CYLINDER TO USE PLEASE CONTACT US ON MAGURA.COM INCLUDING DETAILS ON YOUR CURRENT BRAKE MASTER CYLINDER.



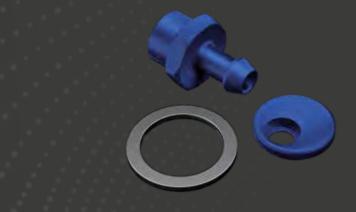
CUSTOMIZE YOUR HC3. YOU DECIDE THE DESIGN ON YOUR HC3: WITH THE 5 NEW COLOUR-KITS THE CHOICE IS YOURS. YOU CAN OPTIMISE THE DESIGN ON YOUR HC3 MASTER TO MATCH YOUR MOTORCYCLE. EVERY KIT CONTAINS THE LEVER BOLT COVER AND THE RESERVOIR SOCKET WITH SEALING RING.





### **HC3 COLOUR-KIT**

MODELL	COLOUR	ORDER CODE
Colour-Kit, HC3	black	2701394
Colour-Kit, HC3	red	2701395
Colour-Kit, HC3	green	2701397
Colour-Kit, HC3	blue	2701398
Colour-Kit, HC3	silver	2701399







### 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.

MODEL	PISTON-Ø IN MM	MEDIUM	DESCRIPTION/APPLICATION	ORDER CODE
CLUTCH MASTER				
Clutch Master 167.2 ls	9,5	Mineral oil	Black Off-Road Master cylinder, silver lever blade 123 mm without deco lever, clutch switch or mirror-mounting bracket	2701581
Clutch Master 167.1 ls	10,5	Mineral oil	Black Off-Road Master cylinder, silver lever blade 123 mm without deco lever, clutch switch or mirror-mounting bracket	2701582
Clutch Master 167.2 ls	9,5	D0T4/5.1	Black Off-Road Master cylinder, silver lever blade 123 mm without deco lever, clutch switch or mirror-mounting bracket	2701583
Clutch Master 167.1 ls	10,5	D0T4/5.1	Black Off-Road Master cylinder, silver lever blade 123 mm without deco lever, clutch switch or mirror-mounting bracket	2701584
Clutch Master 167.2 ls	9,5	Mineral oil	Black Off-Road Master cylinder, silver lever blade 146 mm, deco lever, clutch switch, mirror-mounting bracket	2700183
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	2700186
Clutch Master 167.2 ls	9,5	D0T4/5.1	Black Off-Road Master cylinder, silver lever blade 146 mm, deco lever, clutch switch, mirror-mounting bracket	2700184
Clutch Master 167.1 ls	10,5	D0T4/5.1	Black Off-Road Master cylinder, silver lever blade 146 mm, deco lever, clutch switch, mirror-mounting bracket	2700187
Clutch Master 167.2 ls	9,5	Mineral oil	Black Street Master cylinder, black lever blade 163 mm, deco lever, clutch switch, mirror-mounting bracket	0723295
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	2700185
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)	2700482
BRAKE MASTER				
Brake Master 167.60 ef	9,5	D0T4/5.1	Silver Off-Road Master cylinder, silver lever blade 123 mm, with brake light switch and standard mount	2701419



<sup>\*</sup> Find clutch switches page 52-53 and 63 Maximum stroke | 13.8 mm Lever ratio | 1:4 Pressure Line fitting | M10x1



SWITCH TO HYMEC AND ACTIVATE YOUR CLUTCH HYDRAULICALLY. OFF OR ON-ROAD, LONG TOURS OR ON YOUR FAVORITE STRETCH - WITH HYMEC EVERY RIDE IS IMPROVED AND UP TO 25 % LIGHTER TO ACTIVATE. A CLEARLY DEFINED AND CONSTANT PRSSURE POINT RESULT IN AN EASIER RIDE AND IMPROVED MOTORCYCLE CONTROL:



# HYMEC

APPROVED BY HONDA RED MOTO, DIRK MANDERBACH, MOTORRAD KLEIN, MOTORRAD MEYER RACING

### AT A GLANCE:

- Reduces the required handforce during clutch activation
- Improves the feel at the lever
- Easy to mount
- Individually applicable
- Reduced maintenance thanks to lifetime fill

**BREAKAWAY LEVER** 

The hydraulic clutch activation HYMEC is easy to mount and can be used to replace almost all cable clutch activation systems. The HYMEC reduces the activation force and ensures a constant pressure point for Off-Road and Street applications.

The benefits of HYMEC are well known among professional riders and successful teams such as the Honda Redmoto Enduro Team use the system on their Enduro GP motorcycles. This system has helped them to achieve numerous wins and a world title over the years.

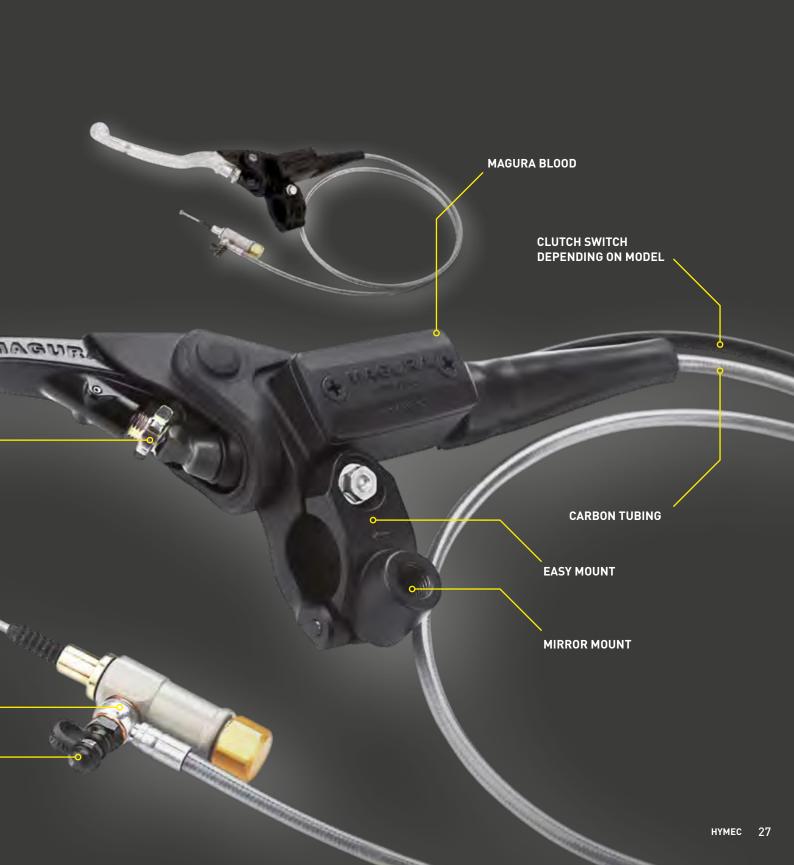
Originally designed for use with Enduro and Motocross motorcycles the system has grown in popularity on the street as riders learned the benefits and advantages of the HYMEC. As a result the system has been continuously developed and is already available for a number of current models as a complete plug and play retrofit kit but is also widely used as an individually configurable accessory.

**REACH ADJUST** 

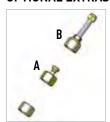
RHR ROTATABLE HOSE ROUTING

**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.



### OPTIONAL EXTRAS FOR YOUR HYMEC SLAVE CYLINDER



### HYMEC-SLAVE-REAR CAP KIT:

Contains standard, rearmount and rearmount vario cap options.

### ORDER CODE 2100018



### NIPPLE ADAPTER KIT:

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

### 2701674

Contains both an 11 and 14 mm

### ORDER CODE

attachment nipple adapter

A. REARMOUNT:

If your slave cylinder is attached with a rearmount together with any of the mounting adapters listed on page 52, pos. 28 you may require this REAR-MOUNT cap.

### B. REARMOUNT VARIO:

This kit enables the fitment of the HYMEC slave cylinder STANDARD as a RE-ARMOUNT VARIO option. The VARIO option allows for adjustment and extends the fitment length by 55 to 77 mm and can be used with all of the slave cylinders listed on page 29.

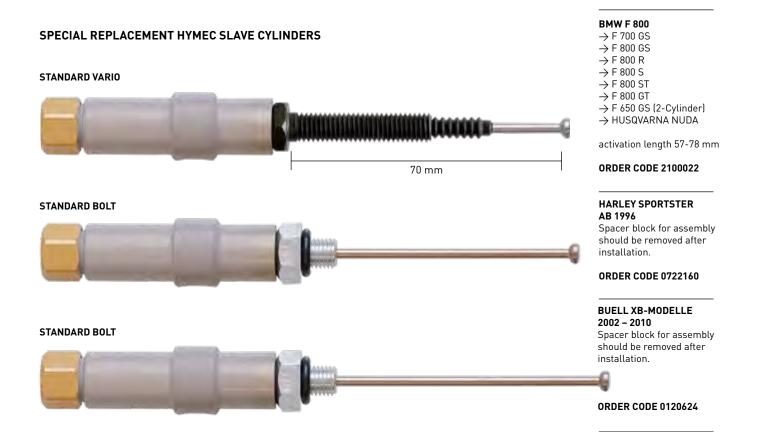
### 2 STROKE ATTACHMENT KIT-

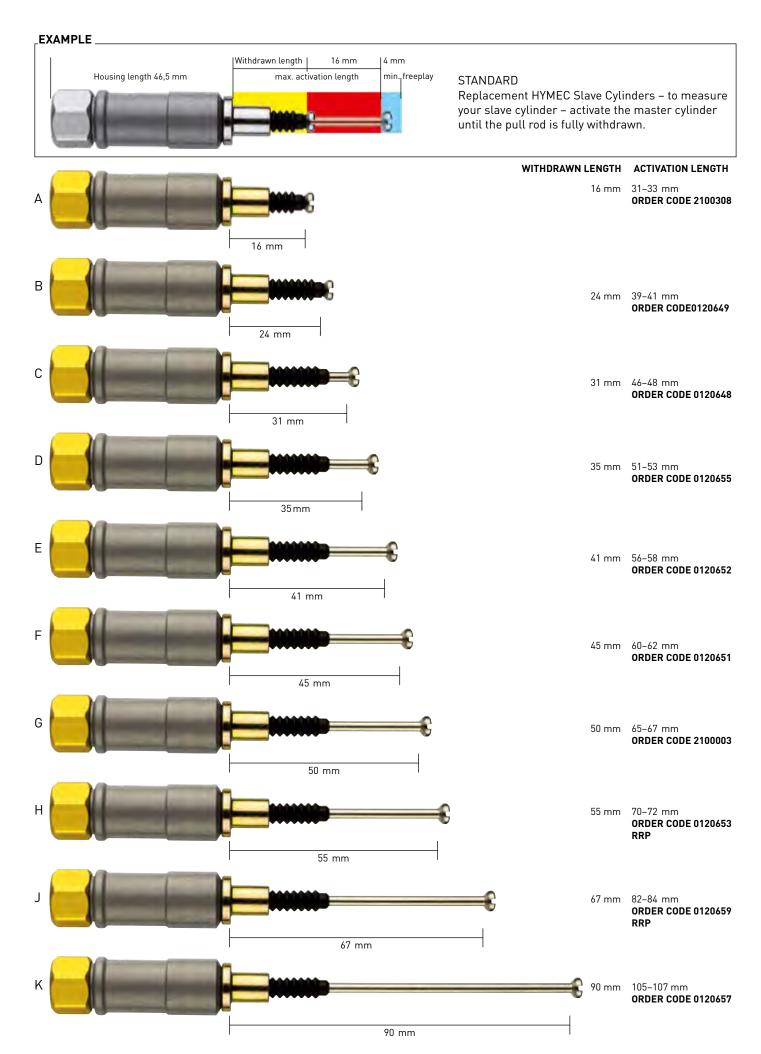
If the HYMEC slave cylinder is located under the clutch cover it maybe necessary to use one of the sleeves in conjunction with an o-ring.

### **ORDER CODE 2701697**

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 29. 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 16 mm 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.





### BUILD YOUR OWN HYMEC HYDRAULIC

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

Spare parts and accessoires on page 48/49



HC3 FULLY RADIAL MASTER
ORDER CODE 2100301 GOLD / 2100693 BLACK

Max. slave stroke: 8 -13 mm\* Full details on page 18

HC3 - Reservoir, switch and banjo bolt included

Spare parts and accessoires on page 50/51



**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 22

167 Street Master – switch, mirror clamp and black street lever included

Spare parts and accessoires on page 58

### 2. PRESSURE LINE, FITTINGS AND SERVICE-KIT

	PART DESCRIPTION	ORDER CODE	HC1	HC3	167
A	Radial Pressure Line Adapter	2700499	х	Х	_
В	Pressure Line L=2500 mm cut to size	0722679	x	X	Х
В	Pressure Line carbon L=1045 mm fixed length	0722138	x	X	х
В	Pressure Line carbon L=1120 mm fixed length	0722137	x	X	Х
С	Banjo Bolt with Bleeder for slave	0722136	x	x	Х
D	Service-Kit HYMEC (Fill and Bleed Kit)	0722152	x	X	Х

Only one pressure line is required for every build. Please measure and define your required length 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

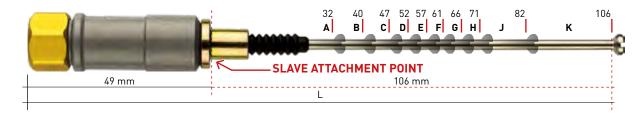


REARMOUNT VARIO template 2

### **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.

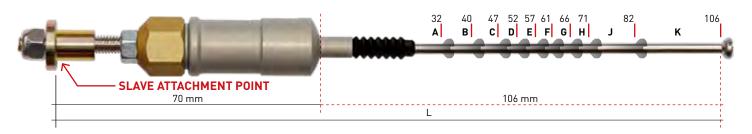
Then compare the number on the template to the list on pages 28/29 to pick the correct slave cylinder. If the slave is too long it can be shortened by placing spacer washers between the slave and the mounting point – if it is too short it will not work correctly. If in doubt choose the longer version.



### 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 28/29 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 2701674
Set with 1x 11 mm and 1x 14 mm



ORDER CODE 2701697 2 Stroke Attachment Kit HYMEC Includes Sleeve 15 mm, Sleeve 12 mm, Spacer, disc and 0-Ring BEFORE INSTALLING YOUR NEW
HYMEC PLEASE DOWNLOAD THE
CURRENT HYMEC-MANUAL FROM
OUR WEBSITE! HYMEC DOES NOT
AFFECT YOUR VEHICLE REGISTRATION.

PERFORPANCE
PARS

AS ONE OF THE OLDEST SUPPLIERS AND PARTNERS TO BMW MOTORRAD OUR EXPERIENCE AND KNOW-LEDGE IN THE CHARACTERISTICS AND ADVANTAGES OF THE BMW CONTROLS ARE UTILISED IN THE DEVELOPMENT OF ALL OF OUR ACCESSORY PARTS - IN THE PAST UP TO THE PRESENT DAY.





₩ITH ABE

**BMW PERFORMANCE PARTS** 

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 over 90 years of motorcycling know-how combined with our passion for perfection.



- 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



00546

**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.





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



### MAGURA REPAIR KITS FOR BMW-BRAKE MASTER CYLINDERS

The repair kits for the brake master cylinder models from BMW Motorrad includes: replacement piston with return spring, diaphragm for the fluid reservoir, protective bellows for the piston, as well as an instruction manual and according to the model small additional parts and our MAGURA brake paste.



MODEL	YEAR	PISTON-Ø	COMMENT	ORDER CODE
REPAIR-KIT 288				
K1	1988 – 1993	20 mm		2701122
K 1100 RS	1991 – 1996	20 mm		2701122
K 1100 LT	1991 – 1998	20 mm		2701122
R 850 R	1994 – 2001	20 mm		2701122
R 850 GS	1998 – 2000	20 mm		2701122
R 1100 RS	1993 – 2001	20 mm		2701122
R 1100 GS	1994 – 1999	20 mm		2701122
R 1100 R	1994 – 1999	20 mm		2701122
R 1100 RT	1995 – 2001	20 mm		2701122
REPAIR-KIT 286				
R80 G/S	1981 – 1984	12 mm	1 brake disk	2701415
R80	Alle	13 mm	2 brake disks, 2 throttle cables	2701413
R80	ab 1984	14 mm	1 brake disk, 2 throttle cables	2701416
Alle 2-Ventil	1981 – 1984	15 mm	1 brake disk	2701417
Alle 2-Ventil	1980 – 1981	16 mm	2 brake disks	2701414
REPAIR-KIT 285				
R 45/R 65	1981 – 1984	13 mm	1 brake disk	2701413
R 45/R 65	1981 – 1984	16 mm	2 brake disks	2701414



### 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	MODELLCODE	CLUTCH LEVER	ORDER CODE
650/700	F 650 GS	2007 – 2012	K72	Not available	2100016
	F 700 GS	2013 – 2015	K72	Not available	2100016
800	F 800 GS/Adv	2007 – 2017	K72	Not available	2100016
	F 800 GT	2012 – 2017	K71	Not available	2100016
	F 800 R	2007 – 2016	K73	Not available	2100016
	F 800 S/ST	2007 – 2010	K71	Not available	2100016
1200	R 1200 GS/Adv	2003 – 2013	K25	2100017	2100016
	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 – 2015	K40	2100017	2100016
	K 1300 R	2009 – 2013	K43	2100017	2100016
	K 1300 GT	2009 – 2012	K44	2100017	2100016

<sup>\*</sup>This lever is not pictured on this page – please see 195 Radial Master Cylinder (on page 57)





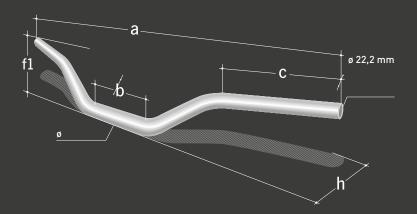
# X-LINE

HANDLEBARS

APPROVED BY MATTIE GRIFFIN, ROK BAGOROS, CHRIS PFEIFFER, DIRK MANDERBACH, CHRIS RID, EWA STUNTS, MOTORRAD MEYER RACING, BVZ RACING.

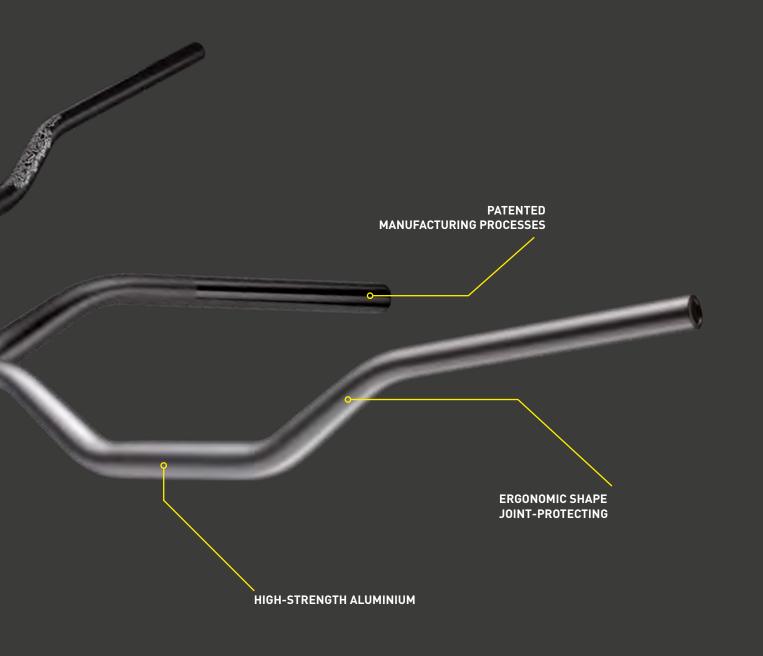
### **AT A GLANCE:**

- Light
- Ergonomically designed
- Robust
- Reduced rider fatigue



MODEL	COLOUR	UR DIMENSIONS IN MM					ORDER CODE	
		a	b	С	f1	h	Ø	
AX2 Big-Enduro Handlebar	Silver	827	134	230	206	100	28,6	0723198
MX2 Motocross, Supermoto	Silver	808	135	189	119	77	28,6	0721245
CX »Street«	Silver	805	135	200	117	76	28,6	0723050
EX Enduro	Silver	795	135	186	120	87	28,6	0721053
SX Supercross, Supermoto, Motocross	Silver	808	135	189	120	63	28,6	0721055
TX Touring	Black	797	139	217	138	97	28,6	0723248
FX Streetfighter	Black	750	137	210	98	107	28,6	0723247
SX »Street«	Black	808	135	189	120	63	28,6	0723221
CPX - Chris Pfeiffer Edition	Black	797	131	231	113	76	28,6	0723283
RBX – Rok Bagoros Edition*	Black	797	131	231	113	76	28,6	2701965
RBX - Rok Bagoros Edition*	Black	792	116	231	112	74	26	2701776

 $<sup>^{*}</sup>$  Clamp Diameter 26 mm. Only suitable for KTM Duke models with 26 mm handlebar clamp dimension.



#### **ACCESSORIES**



X-line fork clamp kit for bikes with split one piec clamp. Screw M 10 x 70, with YAMAHA



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.



MAGURA-Barpad, black



Black X-line"Street" clamp kit for bikes with split clamp (complete). Screw M 10 x 70, with bushings.



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.

ORDER CODE 0720474

bushings.

ORDER CODE 0720488 ORDER CODE 0723058

ORDER CODE 0723270 ORDER CODE 0723271









#### **SPORT BRAKE LEVER 73**

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,  $\emptyset$  8.2 mm hole for rearview mirror.

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

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



#### **SPORT BRAKE LEVER DUAL PULL 73.202**

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.

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

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



#### **SPORT CLUTCH LEVER 74**

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

MODEL	DESCRIPTION/APPLICATION	ACCESSORIES	ORDER CODE
C-lever4.1	Cable pull 20 mm at 3.9 ratio, HUSQVARNA, KTM, MAICO etc.	Nipple barrel, solder nippel, adjusting screw and protective cap	0116940

Technical data: Cable pull 20 mm  $\mid$  lefthand thread M7 for cable adjusting screw



#### PROTECTION CAP SET

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

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



#### **CLUTCH LEVER 101**

Clutch lever with clamp for tube- $\emptyset$  22 mm, with thread M6 for adjusting screw or supporting hole  $\emptyset$  6.5 mm for cable.

MODEL	DESCRIPTION/APPLICATION	ACCESSORIES	ORDER CODE
C-lever 101.2.9	Black shank with thread for adjusting screw, black fibre reinforced lever blade, SPARTA	Adjusting screw, barrel, nipple	0117380 B
C-lever 101.4.8	Black shank with thread for adjusting screw, polished aluminium lever blade with stop notch	Barrel, nipple, s-nipple	0117421
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	0117496 B
C-lever 101.8.9	Black shank with thread M6 and thread for switch, black fibre reinforced lever blade with pull back spring	Adjusting screw, barrel, nipple	0117514 B

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



#### **BRAKE LEVER 108**

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

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

Technical data: Cable pull | 18 mm



#### **DECOMPRESSION LEVER 12**

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

MODEL	DESCRIPTION/APPLICATION	ORDER CODE
Lever 12	Decompression lever, shank $\emptyset$ 22 mm with supporting hole $\emptyset$ 6.7 mm, cable fixing with clamp screw	0111370

Technical data: Cable pull | 16 mm



#### **HYDRAULIC BRAKE AND CLUTCH LEVER 225**

Hydraulic brake and clutch lever, black painted housing with a (22 mm) clamp, polished alloy lever, thread for brake light switch and hole  $\emptyset$  8.1 mm or thread M8 for rear-view mirror, thread M10 x1, plastic brake fluid reservoir. Obtainable as righthand and lefthand model. Fitting brake and clutch switch see page 63

CLASSICS

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

Technical data: Stroke | 12 mm



#### THROTTLE TWIST GRIP WITH MECHANICAL BRAKE 233

Single cable pulley throttle grip with mechanical brake lever. The throttle cable guide is open to enable external cable attachment. Folded and polished alloy lever.

MODEL	DESCRIPTION/APPLICATION	ACCESSORIES	ORDER CODE
3 1	Housing painted black, grip black, folded and polished alloy lever. uitable for Batavus, Hercules, Kreidler, Puch and Zündapp models.	Barrel, nipple and sol- der nipple	2100541

Technical Data: Cable pull | throttle 22 mm at a rotation of 75°, brake 18 mm



#### **THROTTLE TWIST GRIP WITH MECHANIC BRAKE 273**

Straight pulleye throttle twist grip with brake lever blade, one cable pull (possibility for outer attachment), black painted housing with supporting hole  $\emptyset$  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.

MODEL	DESCRIPTION/APPLICATION	ACCESSORIES	ORDER CODE
Throttle twist grip 273.6.8	Black housing with thread for brake light switch, sliding clamp, PUCH	Barrel, nipple	0123953
Throttle twist grip 273.6.8	As above, but without accessories	-	0123954

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



#### **THROTTLE TWIST GRIP 307**

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.

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

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



#### **THROTTLE TWIST GRIP 309**

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

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

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



#### **THROTTLE TWIST GRIP 314**

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.

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

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



#### **ELECTRIC THROTTLE TWIST GRIP 317**

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

MODEL	DESCRIPTION/APPLICATION	ORDER CODE.
Throttle twist grip/ Poti 317.2	5 kOhm-potentiometer, working rate 0–5 kOhm, cable length 800 mm	0026471
Throttle twist grip/ Poti 317.4	5 kOhm-potentiometer, working rate 0–5 kOhm, cable length 1800 mm	2101014
Throttle twist grip/ Poti317.9	5 kOhm-potentiometer, working rate 0–5 kOhm, cable length 225 mm, with Molex-plug, for MuZ-Scooter "Charly"	2101015

Technical data: Rotation angle 75°



#### **MASTER BRAKE CYLINDER 700**

Master brake cylinder for foot controlled rear disc brakes, tubing fitting M10x1 to the brake calliper, without brake fluid reservoir, fitting for tubing connection to an external brake fluid reservoir.

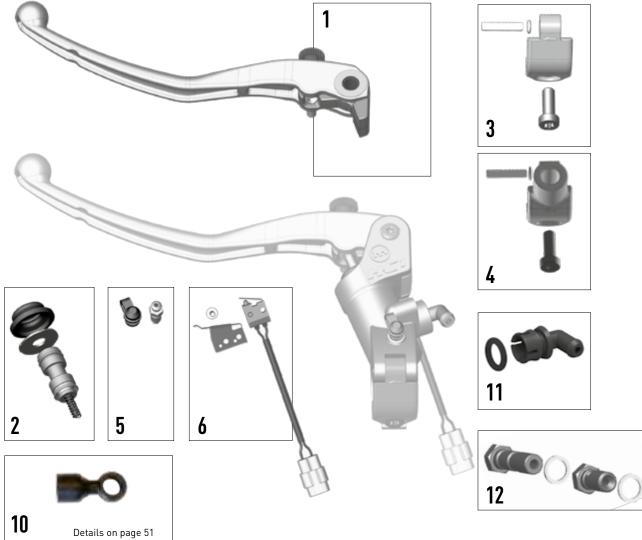
MODEL	PISTON Ø IN MM	DESCRIPTION/APPLICATION	ORDER CODE
Master brake cylinder 700.33	16	Chrome painted housing, EML, KTM	0131411

Technical data: Stroke | 12 mm





#### HC1 / CLUTCH MASTER



POSITION	DESCRIPTION/APPLICATION	ORDER CODE
	Clutch lever assembly long black L = 180 mm	2701156
1	Clutch lever assembly long silver L = 180 mm	0722112
	Clutch lever assembly short black L = 155 mm	2702082
	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 M10 x 1,25	2701162
5	Bleeding valve M5 x 0,8	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 with O-Ring for DOT Socket with O-Ring for mineral oil	2701678 2701677
12	Banjo Connector M10 x 1 Double Banjo Connector M10 x 1 Includes gasket washers	0721786 0721789

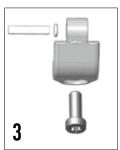




## HC1/ BRAKE MASTER

#### 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.

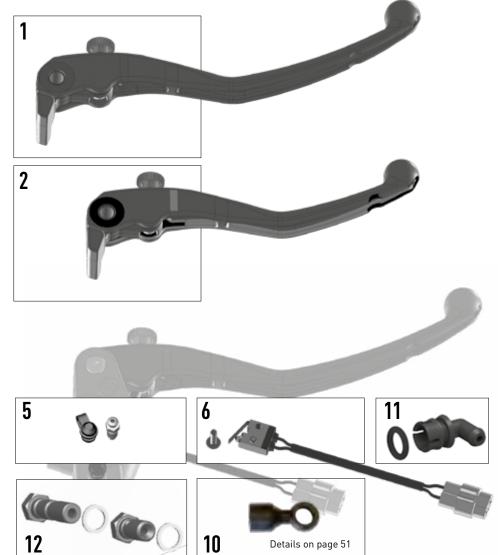




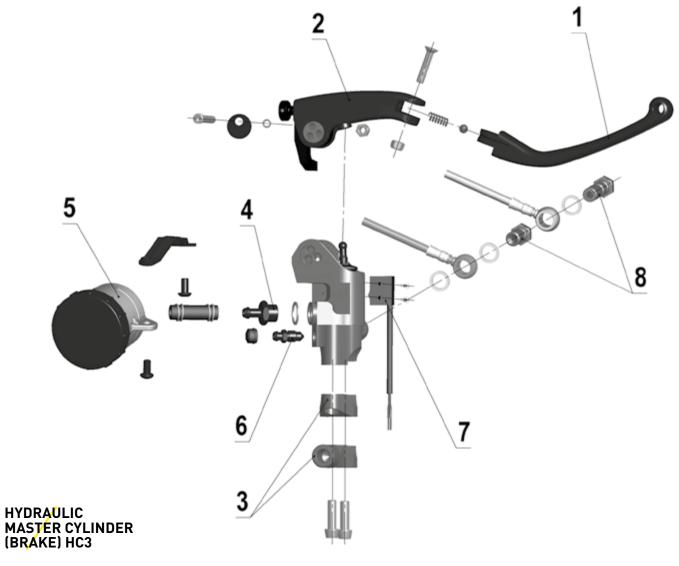


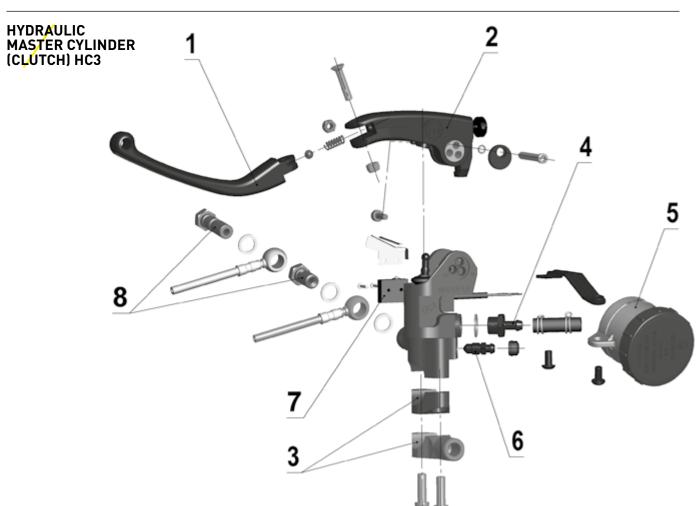






POSITION	DESCRIPTION/APPLICATION	ORDER CODE
1	Brake lever assembly long black L = 180 mm	2701157
ı	Brake lever assembly long silver L = 180 mm	0722202
2	Brake lever assembly short black L = 155 mm	2701158
3	Mounting bracket	2701161
4	Mirror mounting bracket M10 x 1,25	2701162
5	Bleeding valve M5 x 0,8	0722214
6	Brake light switch	0722213
7	Brake reservoir16 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	
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 with 0-Ring for DOT	2701678
12	Banjo Connector M10 x 1 Double Banjo Connector M10 x 1 Includes gasket washers	0721786 0721789



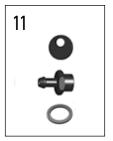


#### SERVICE

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.



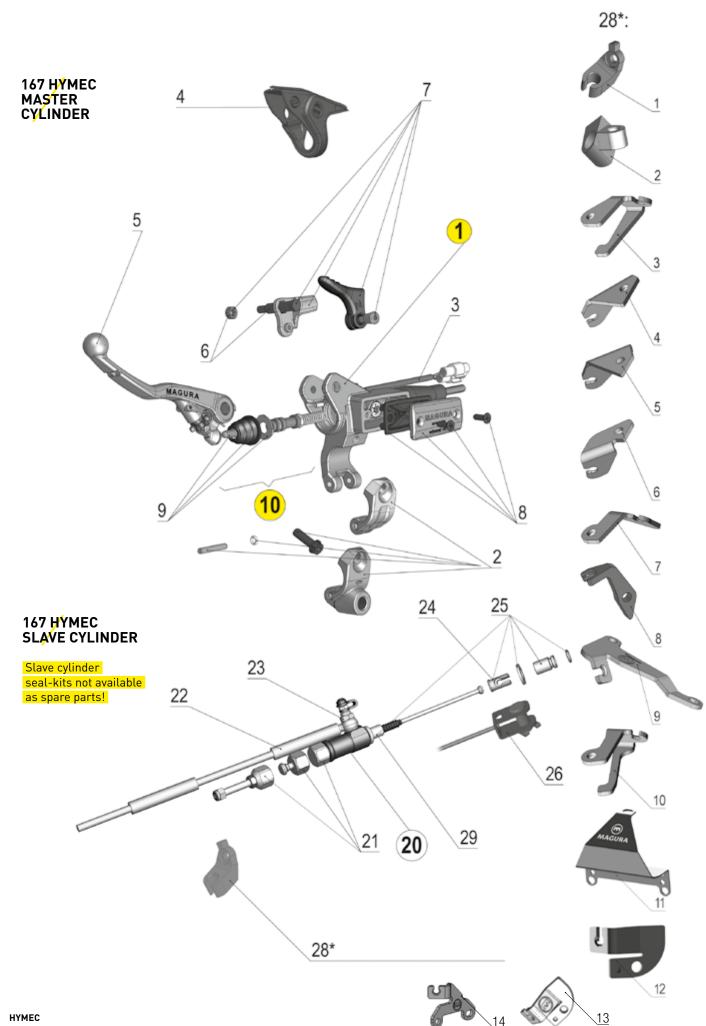




#### **HC3 | OPTIONAL AND SPARE PARTS**



POSITION	DESCRIPTION/APPLICATION	ORDER COD
1	Folding Lever Blade long L = 193 mm Folding Lever Blade short L = 165 mm Includes retaining bolt, nut, spring and ball	2700493 2700494
2	Lever Base – Brake Lever Base – Clutch Includes reach adjust, bracket, piston activation rod, bellows and titanium lever securing bolt with self locking nut and o-ring	2700496 2700495
3	Clamp Mirror Clamp Mirror Clamp Gold M10 x 1,25 Mirror Clamp Black M10 x 1,25 Includes 2 titanium clamp screws	2700484 2701393 2700485 2701392
4	Reservoir Connector Includes gasket washer	2700486
5	Reservoir Radial HC Brake 36 ml Reservoir Radial HC Brake 9 ml Reservoir Radial HC Clutch 9 ml DOT Reservoir Radial HC Clutch 9 ml Mineral Oil Suitable for use with HC¹, HC³ and Radial 195. Includes hose, security hose clamp (x2), retaining bracket and bolts.	2700488 2700490 2700491 2700492
6	Bleed Nipple Includes dust cover	0720527
7	Switch-Kit Brake Switch-Kit Clutch, black, 2 cable exit Switch-Kit Clutch, turquoise, 3 cable exit Securing screws are included with the switches. Please order the colour switch originally used on your original master cylinder	0722213 2700487 2701532
8	Banjo Connector M10 x 1 Double Banjo Connector M10 x 1 Includes gasket washers	0721786 0721789
9	Remote Brake Lever Adjuster On the fly lever reach adjustment for race track use.	2700497
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	Colour-Kit, HC3, black Colour-Kit, HC3, red Colour-Kit, HC3, green Colour-Kit, HC3, blue Colour-Kit, HC3, silver	2701394 2701395 2701397 2701398 2701399

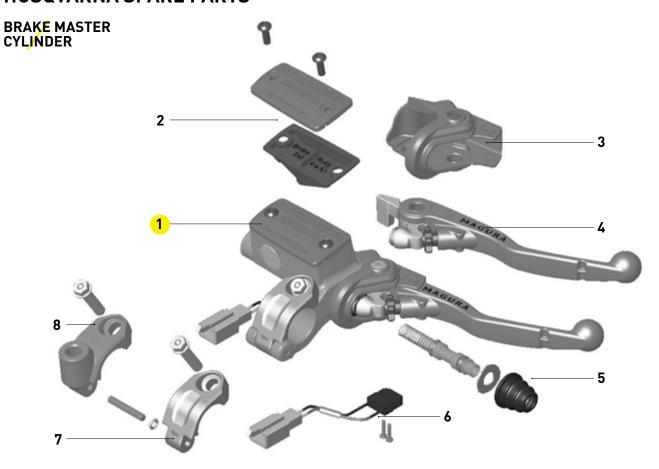


#### **167 HYMEC SPARE PARTS**

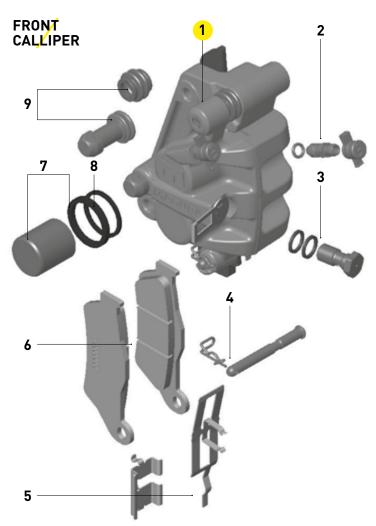
POSITION	MODEL	ORDER CODE
1	Master cylinder*	Seite 22/23
2	Clamp black Clamp black for threaded mirror mount M10 x 1.25 mm Clamp black for threaded mirror mount M10 x 1.5mm (BMW F 800 HYMEC) All supplied with fitting pin and retaining bolt	2700176 2700177 2700385
3	Clutch switch Clutch switch BMW F 800 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 $L = 146 \text{ mm}$ Lever Off-Road clutch silver short $L = 123 \text{ mm}$ Lever Street clutch black $L = 163 \text{ mm}$ Lever Street clutch silver $L = 163 \text{ mm}$	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	Seite 28/29
21	HYMEC slave rear cap kit includes STANDARD, REARMOUNT and REARMOUNT VARIO cap options	2100018
22	Pressure line kit CARBON with accessories $L = 1.120 \text{ mm}$ Pressure line kit CARBON with accessories $L = 1.045 \text{ mm}$ Pressure line kit ARAMID (cut to size) with accessories $L = 1.500 \text{ mm}$	0722137 0722138 0722679
23	Banjo bolt with bleeding valve for carbon tubings M 6x16.5 mm	0722136
24	Nipple Adapter Kit includes 11 and 14 mm attachment nipple adapter	
25	HYMEC- Slave attachment kit includes 12 and 15 mm 2-stroke adapter sleeve with o-ring, spacer washer and nipple adapter.	2701697
26	Clutch activation arm adapter (suitable for Suzuki motorcycles)	2701695
28	<ol> <li>Mounting adapter Suzuki RM-Z 250, Model year 2004-2008</li> <li>Mounting adapter Kawasaki KXF 250, Model year 2004-2008</li> <li>Mounting adapter Honda CRF 450 R, Model year 2004</li> <li>Mounting adapter Kawasaki KX 450 F, Model year 2006-2009</li> <li>Mounting adapter Honda CRF 450 R, Model year 2005-2009</li> <li>Mounting adapter Suzuki RM-Z 250, Model year 2009-2011</li> <li>Mounting adapter Suzuki RM-Z 450, from Model year 2008</li> <li>Mounting adapter Kawasaki KX 450 F, Model year 2009-2014</li> <li>Mounting adapter Honda CRF 250 F, Model year 2014-2017</li> <li>Mounting adapter Honda CRF 450 R, Model year 2015-2016</li> <li>Mounting adapter Kawasaki KX 450 F, Model year 2015</li> <li>Slave Protection Kawasaki KX 450 R, Model year 2016-2018</li> <li>Mounting adapter Honda CRF 450 R, Model year 2017</li> <li>Mounting adapter Honda CRF 450 R, from Model year 2019</li> <li>Mounting adapter Suzuki RMZ 250, from Model year 2020</li> </ol>	2701682 2701682 2701681 2701685 2701686 2701683 2701684 2701687 2701690 2701692 2701691 2701694 2701696 2701898 2701968
30	MAGURA-Blood 100 ml - F/NL MAGURA-Blood 1 l - F/NL MAGURA-Blood 100 ml - D/E MAGURA-Blood 1 l - D/E	2700818 2700819 0721820 0721821
31	Service-Kit HYMEC	0722152



#### **HUSQVARNA SPARE PARTS**



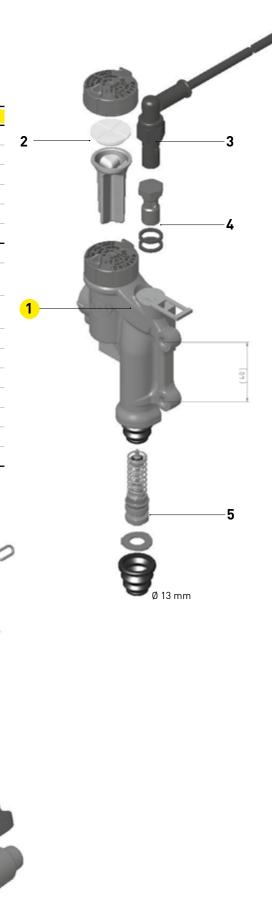
POSIT	TION DESCRIPTION	ORDER CODE
BRA	KE MASTER CYLINDER	
1	Brake master cylinder 167 axial complete	2701753
2	Reservoir cover with bellow and screws	2701743
3	Protective cover for lever	2701754
4	Brake lever 167 silver L = 123 mm	2701742
5	Master piston 167 DOT Ø 9.5 mm	2701755
6	Brake light switch 167	2701744
7	Clamp silver 167	2701775
В	Clamp silver for mirror mount M10 x 1.25	2701756
FRO	NT CALLIPER	
1	Calliper front silver without pads	2701745
2	Bleed valve with dust cover	2701747
3	Banjo connector M10 x 1	2701749
4	Pad security pin with lock clip	2701748
5	Pad retaining spring kit	2701750
6	Front brake pad kit	2701746
7	Rep calliper piston and seals 24 mm	2701759
В	Rep kit calliper seals 24 mm	2701760
9	Floating calliper bellow kit	2701758

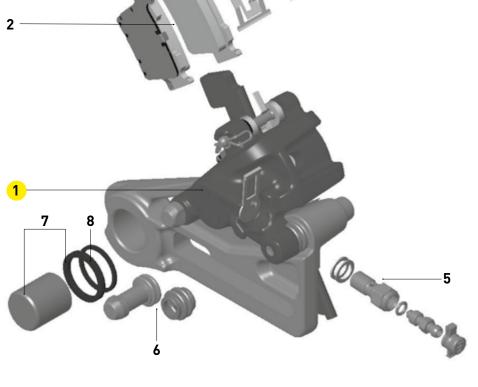


#### REAR BRAKE MASTER CYLINDER

REAR BRAKE CALLIPER

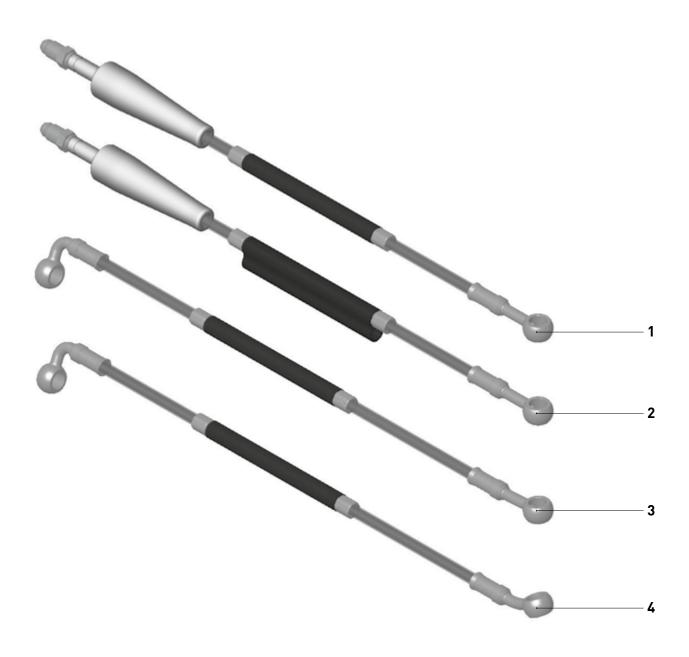
POSITION	DESCRIPTION	ORDER CODE			
REAR BE	REAR BRAKE MASTER CYLINDER				
1	Rear brake master cylinder complete	2701761			
2	Reservoir cover with bellows and breather	2701762			
3	Hydraulic rear brake light switch	2701765			
4	Banjo connector M10 x 1 for rear master	2701764			
5	Rear master piston for DOT Ø 13 mm	2701763			
REAR BR	AKE CALLIPER				
1	Calliper rear without pads for Enduro models with axle Ø 20 mm (TE/FE)	2701767			
•	Calliper rear without pads for Motocross Models with axle Ø 25 mm (TC/FC)	2701768			
2	Rear brake pad kit	2701771			
3	Rear pad retaining spring kit	2701772			
4	Rear pad security pin with lock clip	2701748			
5	Banjo connector with bleed valve	2701773			
6	Rear floating calliper bellow kit	2701758			
7	Rep kit calliper piston and seals	2701759			
8	Rep kit calliper seals	2701760			



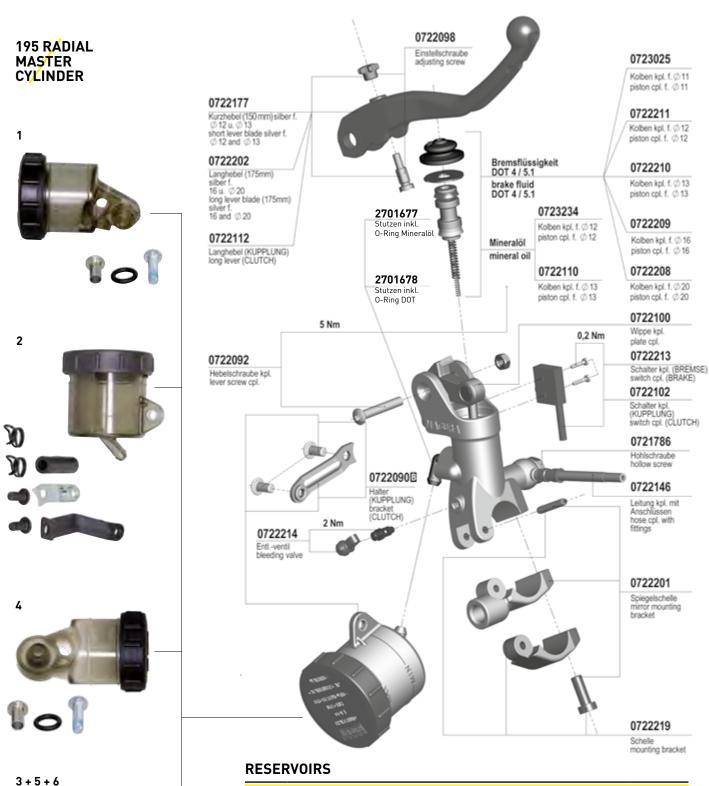


#### **HUSQVARNA SPARE PARTS**



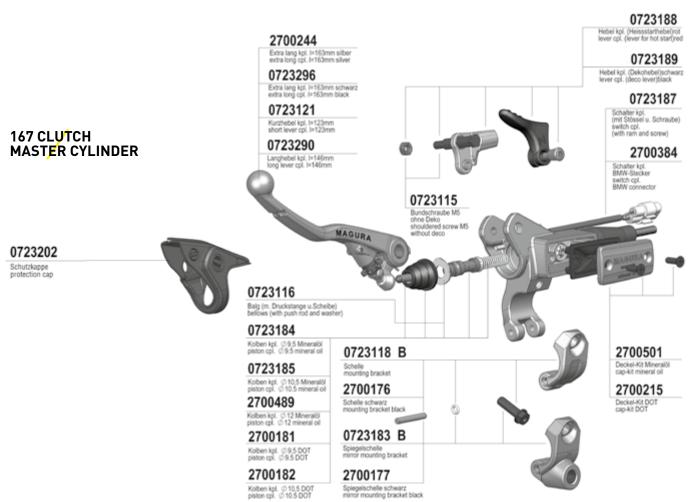


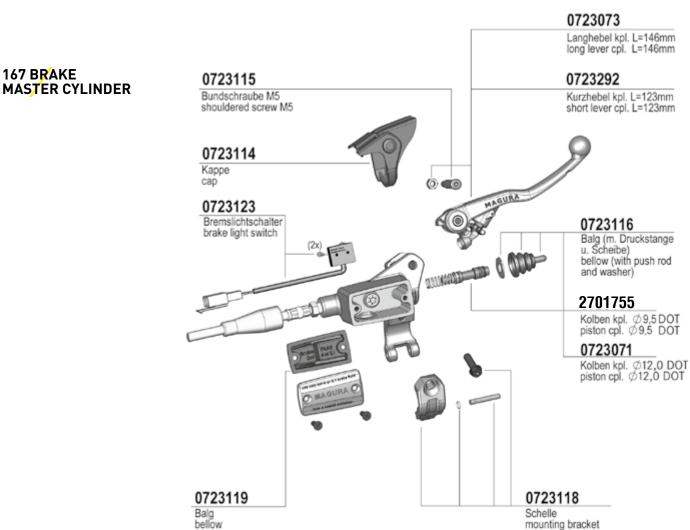
POSITION	MODEL	ORDER CODE
1	Brake line front Motocross (TC/FC)	2701752
2	Brake line front Enduro (TE/FE)	2701751
3	Brake line rear Motocross (Fitting 5° - TC/FC)	2701774
4	Brake line rear Enduro (Fitting 25° - TE/FE)	2701766



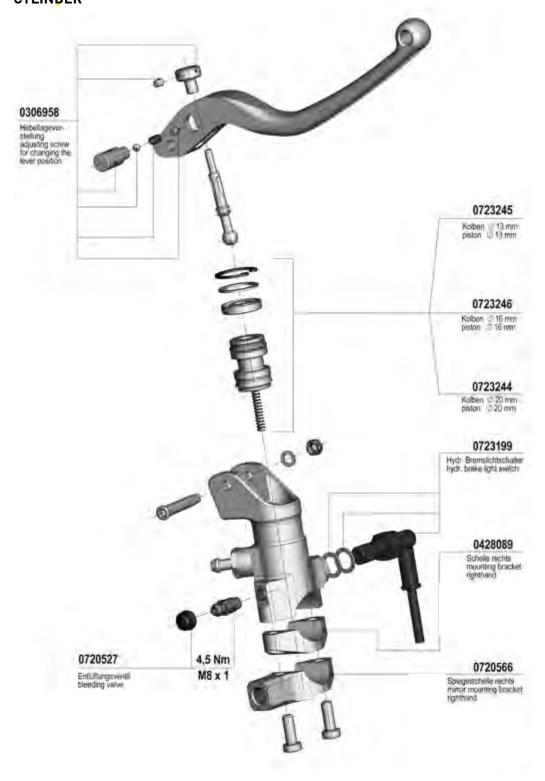
POSITION	MODEL	DESCRIPTION/APPLICATION	ORDER CODE
1	195 Brake reservoir	16 ml flange mount for single calliper brake systems	2700786
2	195 Brake reservoir	36 ml remote mount for double calliper brake systems	2700488
3	195 Brake reservoir	9 ml remote mount for single calliper brake systems	2700490
4	195 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



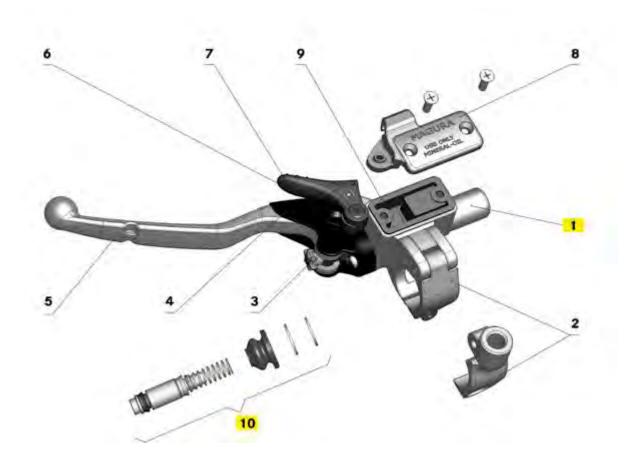




## SPARE PARTS FOR 190 MASTER CYLINDER



### 163 MASTER CYLINDER



#### **163 MASTER CYLINDER SPARE PARTS**

POSITION	MODEL	ORDER CODE
1	Master cylinder - for replacement options see 167 master	Page 22/23
2	Clamp with spiral spin Clamp for threaded mirror mounting M10x1.25 mm Clamp schwarz for threaded mirror mounting M10x1.25 mm	0720546 0720543 0722026 ⊡
3	Adjuster wheel for lever, red (packaging unit 10 pcs.)	0720572
4	Protection cover for lever	2701680
5	Long lever blade with accessories and coil spring l = 147 mm Short lever blade with accessories and coil spring l = 123.5 mm Special lever blade f. master cylinders with bigger space l = 152 mm	0720598 0720600 0722021
6	Screw for lever	0720504 🖪
7	Deco lever black Choke lever black Choke lever red	0720552 0722118 0722312
8	Cover without deco-/choke lever Cover with thread for deco lever Cover with hole for deco lever Cover for choke lever Cover black without deco-/choke lever	0720544 0720553 0720559 0722139 0720500 ⊡
9	Reservoir membrane for mineral oil Reservoir membrane for DOT	0720560 2701679
10	Master piston Ø 9,0mm Mineral oil 9,5mm Mineral oil 10,5mm Mineral oil 9,5mm DOT 10,5mm DOT	0722027 0720555 0720499 0723293 0720525

#### **750 RADIAL SUPERMOTO**

320-330 mm 1 brake calliper

Brake pad Sinter-Race 0723024



#### 770 RADIAL SUPERMOTO

270 mm 2 brake callipers

Brake pad Sinter-Race 0722689



#### HYMÉC FOR HARLEY

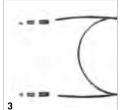


#### **HYDRAULIC ACCESSORIES**

	MODEL	DESCRIPTION/APPLICATION	ORDER CODE
	CARBON TUBINGS		
	Carbon tubing kit	For HYMEC, length 1,045 mm	0722138
	Carbon tubing kit	For HYMEC, length 1,120 mm	0722137
	Banjo bolt	With bleeding valve M6x16.5 mm for HYMEC	0722136
	STEEL BRAIDED HOSES		
	Steel braided hose	For MAGURA Brake System 750.1, length 1,185 mm, DOT	0722146
1	Steel braided hose	Length 1,025 mm	0722004
2	Steel braided hose	KTM 4-Stroke Racing, length 975 mm	0722005
	Steel braided hose	KTM LC8, length 1,140 mm	0722015
	Steel braided hose	KTM LC4, length 1,025 mm	0722016
	Steel braided hose	Husaberg, length 1,020 mm	0722023
	Steel braided hose	KTM 250/380, length 970 mm	0722057
1	Steel braided hose	KTM 2-Stroke 125/200, length 970 mm	2701665
6	Banjo bolt	To fix the clutch tubing with thread M10x1, inclusive bleeding screw	0720505
5	Banjo bolt	For single brake line, without bleeding valve, M10 x1	0721786
	Banjo bolt	For two line fittings, M10 x1	0721789
	PA-TUBINGS		
4	PA-tubing kit	Length 1,025 mm	0131890
3	PA-tubing kit	With protection tube, length 1,045 mm	0131893
	PA-tubing kit	KTM 65/85 SX, with protection tube, length 910 mm	0131894
	PA-tubing kit	KTM 4-Stroke Racing, length 975 mm	0720551
	PA-tubing kit	For HYMEC, length 1,500 mm, shortable	0722679
7	Olive/packing unit 10 pcs.	To fix the clutch tubing in the sleeve screw 0720548	0720308
	Banjo bolt	For HYMEC-versions with PA-tubing	0722136
8	Hose Kit EPDM – Pack of 5	Extension hose for <b>DOT</b> fluid use to connect a MAGURA brake fluid reservoir to our HC1 and HC3 radial master cylinders. Length 400 mm	2701521
	Hose Kit NBR - Pack of 5	Extension hose for <b>mineral oil</b> use to connect a MAGURA clutch fluid reservoir to out HC1 and HC3 radial master cylinders. Length 400 mm	2702080
	SERVICE-KITS		
9	Service-Kit HYMEC	Contains everything you need to refill MAGURA's HYMEC	0722152
10	MAGURA-Blood 100 ml - F/NL	High quality hydraulic mineral based oil for HYMEC	2700818
10	MAGURA-Blood 1 l - F/NL	High quality hydraulic mineral based oil for HYMEC	2700819
10	MAGURA-Blood 100 ml - D/E	High quality hydraulic mineral based oil for HYMEC	0721820
10	MAGURA-Blood 1l - D/E	High quality hydraulic mineral based oil for HYMEC	0721821
11	MAGURA Royal Blood 100 ml	High quality hydraulic mineral based oil for hydraulic clutch systems	0721630
11	MAGURA Royal Blood 1 l	High quality hydraulic mineral based oil for hydraulic clutch systems	0721631

























#### MAGURA ANTIBUG: KEEPING YOUR VISION CLEAR

PIECE DESCRIPTION/APPLICATION		ORDER CODE	
1	With its new Antibug visor cleaning sponge, MAGURA has a chemical-free alternative to keep your helmet visor free from insects and dirt.	2701163	

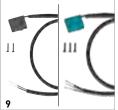
#### **SWITCHES**

	MODEL	DESCRIPTION/APPLICATION	ORDER CODE
1	Switch 558.61	On in paused position, white pusher, micro-switch with spring, for thread 1/4"	0128496
2	Switch 558.12	Off in paused position, black pusher, for thread 1/4", start safety switch for MAGURA-model 163	0128500
3	Switch 558.51	On in paused position, pluggable, blue pusher, for MAGURA-models 116/117, for Suzuki and Simson scooters	0128510
4	Switch 163 E	For Yamaha XT 660 – HYMEC, cable length 620 mm	0306938
5	Switch 558.34	On in paused position, white pusher, for thread M8x1	2701689
	Switch 701	Hydraulic brake light switch	0723199
6	Protection cover 558	For all switch models 558 small inner-Ø 3.6/ big inner-Ø 10.5	2701676
7	Clutch switch 163	KTM-models LC 4 from 2003 and LC 8, for thread 1/4", cable length 550 mm	0722014
8	Switch 195	For RADIAL 195 Clutch	0722102
9	Switch 195	For RADIAL 195 Brake, cable length 400 mm	0722213
	Switch HC3	Switch Kit Brake Switch Kit Clutch - Start safety switch, black, 2 cables Switch Kit Clutch - Start safety switch, turquoise, 3 cable exit Securing screws are included with the switches. Please order the colour switch originally used on your original master cylinder	0722213 2700487 2701532
10	Clutch switch 167	For MAGURA model 167 (Clutch)	0723187
11	Clutch switch 167	For BMW-HYMEC (Clutch)	2700384
	Brake light switch 167	For MAGURA model 167 (ATV-Brake), cable length 760 mm	0723197
	Brake light switch 167	For MAGURA model 167, cable length 400 mm	0723123













#### **GRIPS, PAIRS OF GRIPS**

	Ł	-4
1	1	





















	MODEL	DESCRIPTION/APPLICATION	LENGTH IN MM	ORDER CODE
1	150 sz*/151 sz* for tube-Ø 25/22	BMW/5-models and older	129	0720850
2	125 sz* for tube-Ø 25/22	For Oldies and especially for Trial	125	0720851
3	312 szw* for tube-Ø 25/22	Special grip for Off-Road	125	0720853
4	250 ksz* for tube-Ø 25/22	For mopeds with automatic engines	114	0720854
5	289 tsz* for tube-Ø 25/22	Our soft grip for street bikes	126	0720855
5	250 ksz* for tube-Ø 25, Wulst-Ø 48	including BMW C1	124	2701673
6	316 ksz* for tube-Ø 25/22	Mopeds with gear grip	116	0720856
7	DAB6 sz for tube-Ø 27,5	Oldie grip for Heinkel Scooter VE 10	116	0720920
8	DAB6 sz for tube-Ø 27,5	Oldie grip for Heinkel Scooter VE 10	121	2701492
9	125 sz* for tube-Ø 25/22	End open – for oldtimer motorcycles with reverse controls	125	2701489
10	306 sz* for tube-Ø 25/22	End closed	129	2701490
11	270 ksz* for tube-Ø 25/22	End closed – for oldtimer motorcycles	129	2701491

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

#### **SOLDERNIPPLE, SOLDER NIPPLE BARRELS**

PACKING UNIT		DIMENSIONS IN MM		ORDER CODE
	Ø WIDTH	LENGTH	HOLE	
SOLDER NIPPLES	BARREL			
10	9/8	15,5	2,5	2701504
10	10	11,6	2,3	2701505
SOLDER NIPPLES	;			
10	6/3,5	13	2,3	2701506
10	6/3,5	8	2,3	2701507
10	6/3,5	8	2,0	2701508



#### **NIPPLE ASSORTMENT**

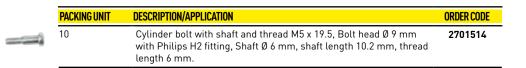
DESCRIPTION/APPLICATION	ORDER CODE
A well sorted selection of 100 various screw nipples, solder nipples and nipple barrels in a very comfortable plastic box. "A need in biker's garage!"	0736500

#### **SCREW NIPPLES**

PACKING UNIT		DIMENSIONS IN MM		ORDER CODE
	ØWIDTH	LENGTH	HOLE	
10	8	8,5	2,5	2701509
10	6	9	2,5	2701510
10	5	9,5	2	2701511
10	8	15	2,3	2701512
10	5	7,5	2	2701513

#### **ADJUSTING SCREWS**

PACKING DIMENSIONS IN MM		ORDER CODE	ORDER CODE		
UNIT	Ø WIDTH	LENGTH	HOLE		
UNSLOTT	ED ADJUSTING	SCREW, WITH	KNURLED METAL NU	T	
1	M6	32	6,8	2,8	2701515
1	M6	41	6,1	2,5	2701516
1	M6x0,75	31	6,5	3	2701517
1	M10x1	44	11	6,2	2701523
SLOTTED	ADJUSTING SO	REW, WITH KN	URLED METAL NUT		
1	M7	42	6,5	3,5	2701518
1	M7	42	8,2	3,5	2701519
1	M6	32	6,5	2,2	2701520
1	M10x1	44	11	2,4	2701522





# LIQUI MOLY

MAGURA PLACES ITS TRUST IN STRONG PARTNERSHIPS, LIKE WITH LIQUI MOLY. THE LUBRICATION SPECIALISTS FROM ULM ARE THE FIRST CHOICE FOR MAGURA WHEN IT COMES TO PREMIUM OILS AND LUBRICANTS. ASK YOUR MAGURA DEALER WHICH LIQUI MOLY PRODUCTS ARE SUITABLE FOR YOUR MOTORCYCLE.

















POSITION	DESCRIPTION/APPLICATION	ORDER CODE
1	Motorbike Cleaner, 1 l	2100566
2	Motorbike Chain Lube, 200 ml Motorbike Chain Lube, 400 ml	2100811 2100567
3	Motorbike Multispray, 50 ml	2100570
4	Motorbike Gloss Spray Wax, 400 ml	2100571
5	Brake Part Cleaner, 500 ml	0103661
6	Thread Lock High Strength, 10 g	2100572
7	Thread Lock Medium Strength , 10 g	2100573
8	Liquid Hand-Wash-Paste, 500 ml	2100574

## **SERVICE**

MAGURA BIKE PARTS (MBP) WAS FOUNDED IN 1999 TO OFFER FIRST CLASS SERICE TO OUR DEALER NETWORK COMBINED WITH SHORT DELIVERY TIMES AND A WIDE RANGE OF READILY AVAILABLE PRODUCTS. MBP CURRENTLY SUPPLIES OVER 20,000 DEALERS THROUGHOUT EUROPE. SINCE 2018 THIS SERVICE HAS BEEN EXTENDED TO MOTORCYCLE DEALERS WHO CAN PROFIT FROM THE SAME ADVANTAGES DEALING DIRECTLY WITH US:



#### HIGH PRODUCT AVAILABILITY

Short direct communication between supplier, dispatcher and logistics ensure that there is high product availability for our customers.



#### **SHORT DELIVERY TIMES**

Orders received up to 1PM are generally dispatched on the same day. The standard delivery time within Germany is 24h within Europe 48h.



#### **FAST SERVICE HANDLING**

Service transactions are handled in-house within a 48 hour time-frame. This enables short reaction times and high flexibility.



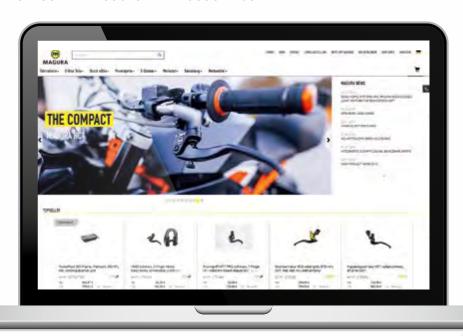
#### **QUALIFIED SERVICE PERSONEL**

Our fully qualified service team are available to dealers and endusers for technical queries and problems – by Telephone and E-Mail.

Do you have and queries relating to MAGURA Bike Parts or our product range? Contact us by E-Mail - info@magura.de or call us on +49 7125 9694460.

# ARE YOU A MOTORCYCLE DEALER? BECOME A CUSTOMER!

#### YOU CAN BENEFIT FROM OUR NEW CUSTOMER DISCOUNT SCHEME!



1

#### STEP 1

Register online in our MAGURA B2B-Shop under magura-b2b.com.



#### STEP 2

2

After 2 to 3 days you will receive an E-Mail from MAGURA. Follow the instructions included to receive your access and to set up your own personal password.



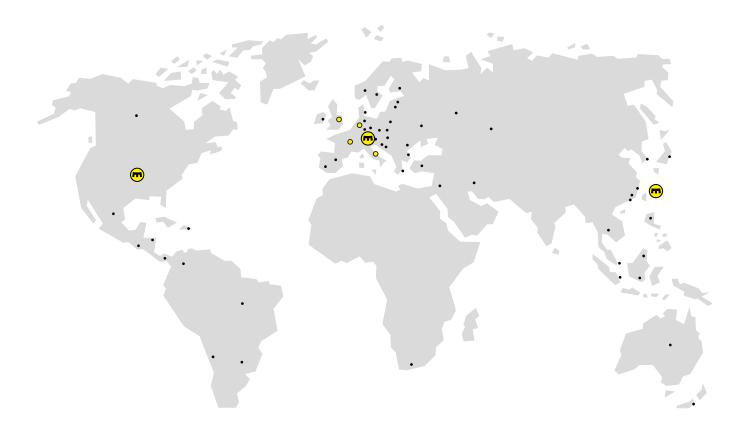
#### STEP 3

You are now set up as a direct supply customer and can begin to order directly from MAGURA.

Should you have any additional queries our customer support team are available on week days between 8 AM and 5 PM and will be happy to assist.

Tip: If you decide to set up a SEPA direct debit authorisation you will receive a permanent additional 3 % discount on all orders.

## MAGURA NETWORK



#### Follow us:







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