

## BEST PRACTICE

MOTORSPORT APPLICATIONS

# E-SHUTTLE



The E-Shuttle is the latest wheel gun equipment which enhance the traditional manual spool position swap to a fully automatic motion. The combination of electronic power and software control guarantees higher accuracy and repeatability allowing changes in less than 15 hundredths of a second. The operator can now command the spool position with a conventional switch that, conveniently located, can reduce effort and time of actuation.

The entire system is controlled by an electronic circuit housed in the back cover which logs and shares many analog and digital signal via CANBUS communication protocol; and it is powered with a 12 volts, 2 ampères supply.

The E-Shuttle system logs and controls several parameters:

- SOCKET ROTATION ANGLE RPM
- TELEMETRY PRESSURE
- E-SHUTTLE TELEMETRIC DATA
- SPOOL POSITION

Product name	E-SHUTTLE V4	E-SHUTTLE V6
Product code LH Version	B.23.0217	B.23.0223
Product code RH Version	B.23.0234	B.23.0224

### HIGHLIGHTS

- Ease of actuation
- 0.15s spool change
- Repeatability

### AVAILABLE ACCESSORIES

- Telemetry pressure sensor and hose
- Angle sensor Kit
- Spool switch and cable



E-SHUTTLE SYSTEM



CONNECTORS

## FAST SHIFT



CODE	DESCRIPTION	APPLY ON
B.23.0187	LH 2-PORT BLUE	
B.23.0189	RH 2-PORT RED	HURRICANE
B.23.0188	LH 3-PORT BLUE	CLASSIC HANDLE
B.23.0190	RH 3-PORT RED	
B.23.0183	LH 2-PORT BLUE	
B.23.0185	RH 2-PORT RED	HURRICANE
B.23.0184	LH 3-PORT BLUE	90° ANGLED HANDLE
B.23.0186	RH 3-PORT RED	
B.23.0175	LH 2-PORT BLUE	
B.23.0179	RH 2-PORT RED	DP 6000
B.23.0177	LH 3-PORT BLUE	CLASSIC HANDLE
B.23.0181	RH 3-PORT RED	
B.23.0176	LH 2-PORT RED	
B.23.0180	RH 2-PORT RED	DP 6000
B.23.0178	LH 3-PORT BLUE	90° ANGLED HANDLE
B.23.0182	RH 3-PORT RED	



- Operator-controlled auto-reverse device
- Operator-friendly
- Increased speed of wheel gun direction-change
- Light weight: 430 grams

The Fastshift is an active system. So, to activate the inversion, it is sufficient to release the lever.

## WHEEL NUT SOCKETS

### CUSTOMIZED DESIGN



Polygonal 30 mm



Polygonal 27 mm

CODE	SQUARE DRIVE	MATERIAL	WEIGHT
B.28.0071	1/2"	steel	245 g (0.54 lbs)
B.28.0072	1/2"	titanium	160 g (0.35 lbs)

CODE	SQUARE DRIVE	MATERIAL	WEIGHT
B.28.0069	1/2"	steel	225 g (0.49 lbs)
B.28.0070	1/2"	titanium	140 g (0.31 lbs)

On demand we are able to produce and supply more wheel nut sockets for different specific needs.