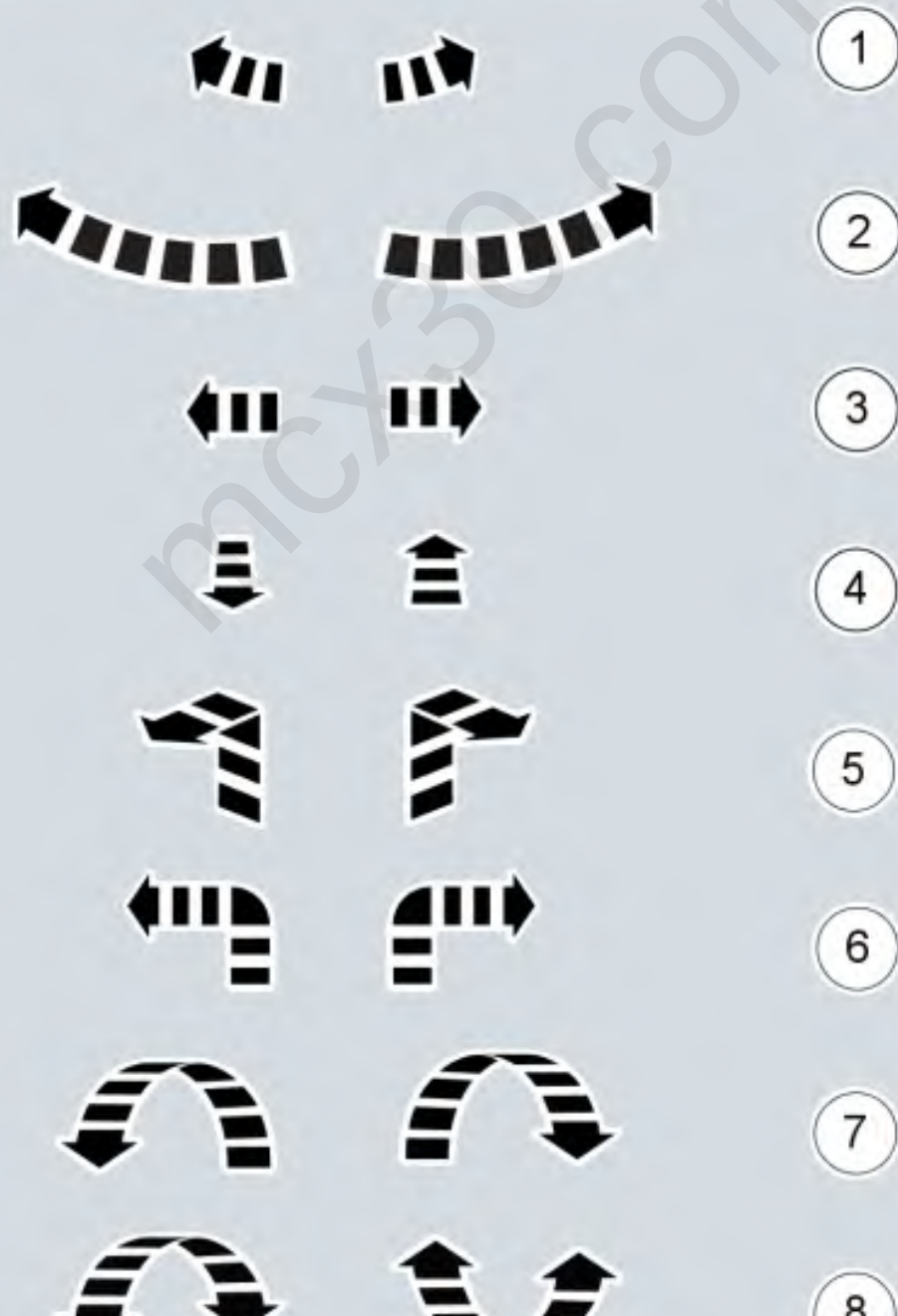


Symbols Glossary

Symbols are used inside the graphics and in the text area to enhance the information display.

Movement Symbols

Movement symbols provide detailed information to a required component movement. These component movements can be rotational or 1-3 dimensional movements.





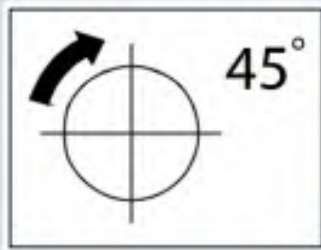
8

E88969

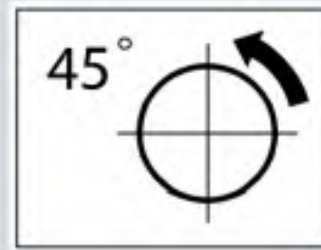
Item	Part Number	Description
1	—	Minor component movement clockwise/ counterclockwise
2	—	Major component movement clockwise/ counterclockwise
3	—	Component movement to the left/right/up/down
4	—	Component movement towards/away
5	—	3 dimensional component movement
6	—	2 dimensional component movement
7	—	3 dimensional component rotation
8	—	3 dimensional component cycling

Turn Symbols

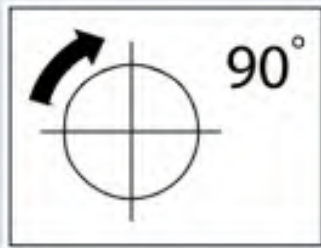
Turn symbols are used to provide further information on the direction or angle of component turns.



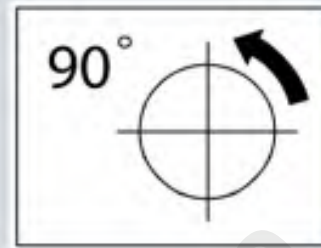
1



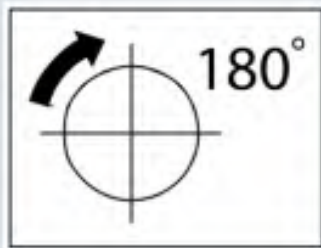
2



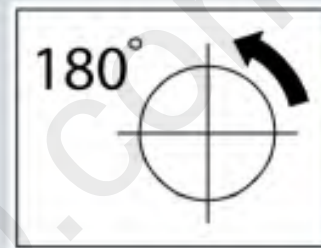
3



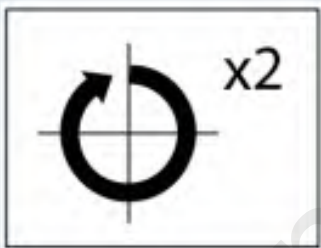
4



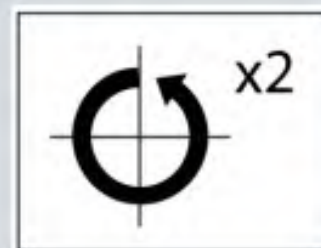
5



6



7



8

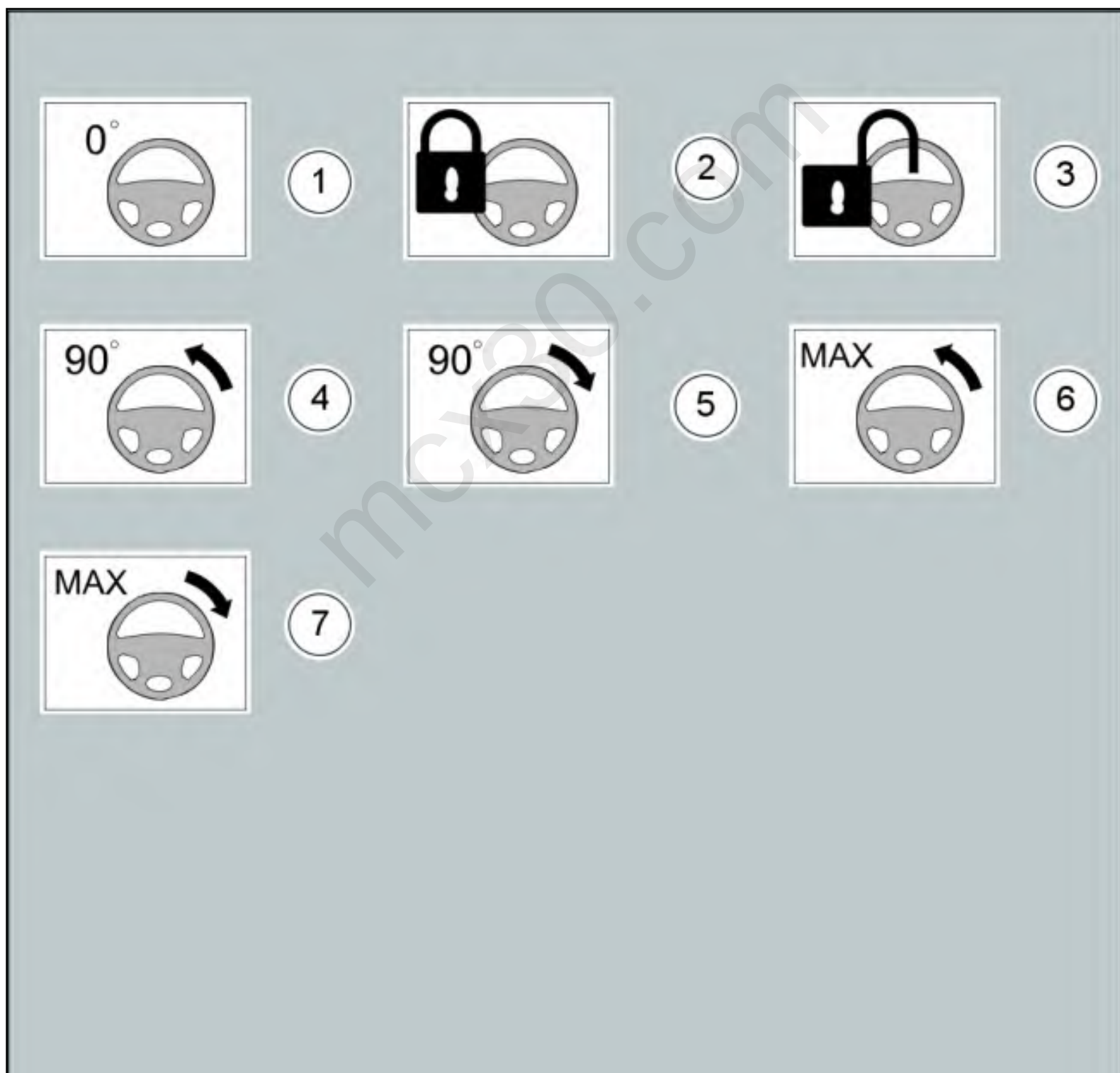
E88970

Item	Part Number	Description
1	—	Turn the component clockwise through 45°
2	—	Turn the component counterclockwise through 45°
3	—	Turn the component clockwise through 90°
4	—	Turn the component counterclockwise through 90°

5	—	Turn the component clockwise through 180°
6	—	Turn the component counterclockwise through 180°
7	—	Turn the component clockwise through 2 complete turns
8	—	Turn the component counterclockwise through 2 complete turns

Steering Wheel Symbols

Steering wheel symbols are used to provide further information to a required steering wheel position or steering column lock status.

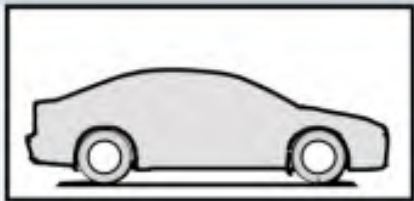


E123751

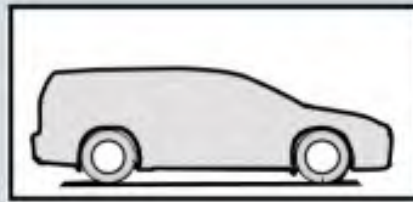
Item	Part Number	Description
1	—	Steering wheel in straight ahead position
2	—	Steering column lock locked
3	—	Steering column lock unlocked
4	—	Turn the steering wheel to the 90° left position
5	—	Turn the steering wheel to the 90° right position
6	—	Turn the steering wheel to the left-hand end position
7	—	Turn the steering wheel to the right-hand end position

Body Types

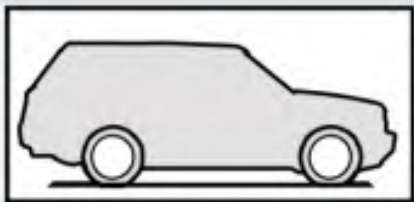
Body type symbols are used to identify different body configurations.



1



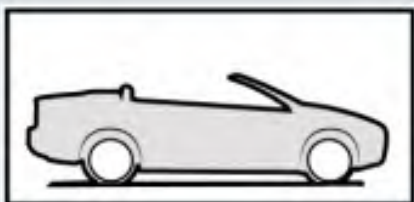
2



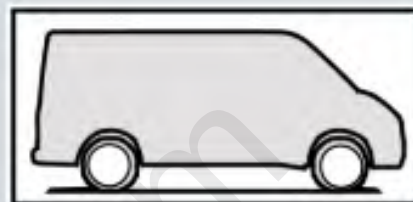
3



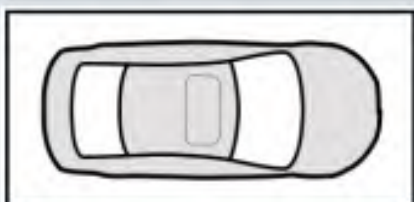
4



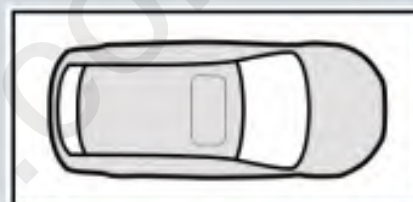
5



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11

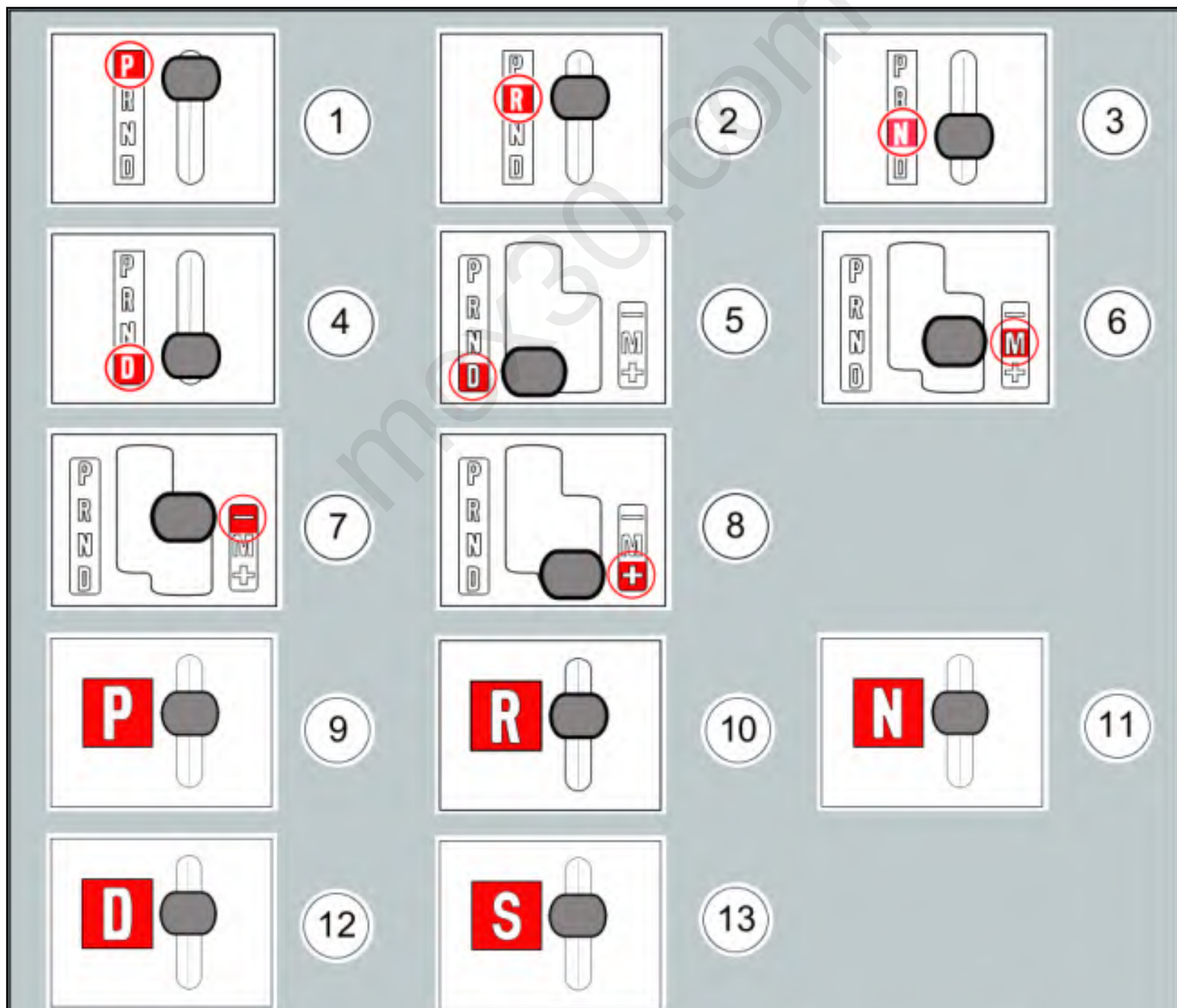
E88971

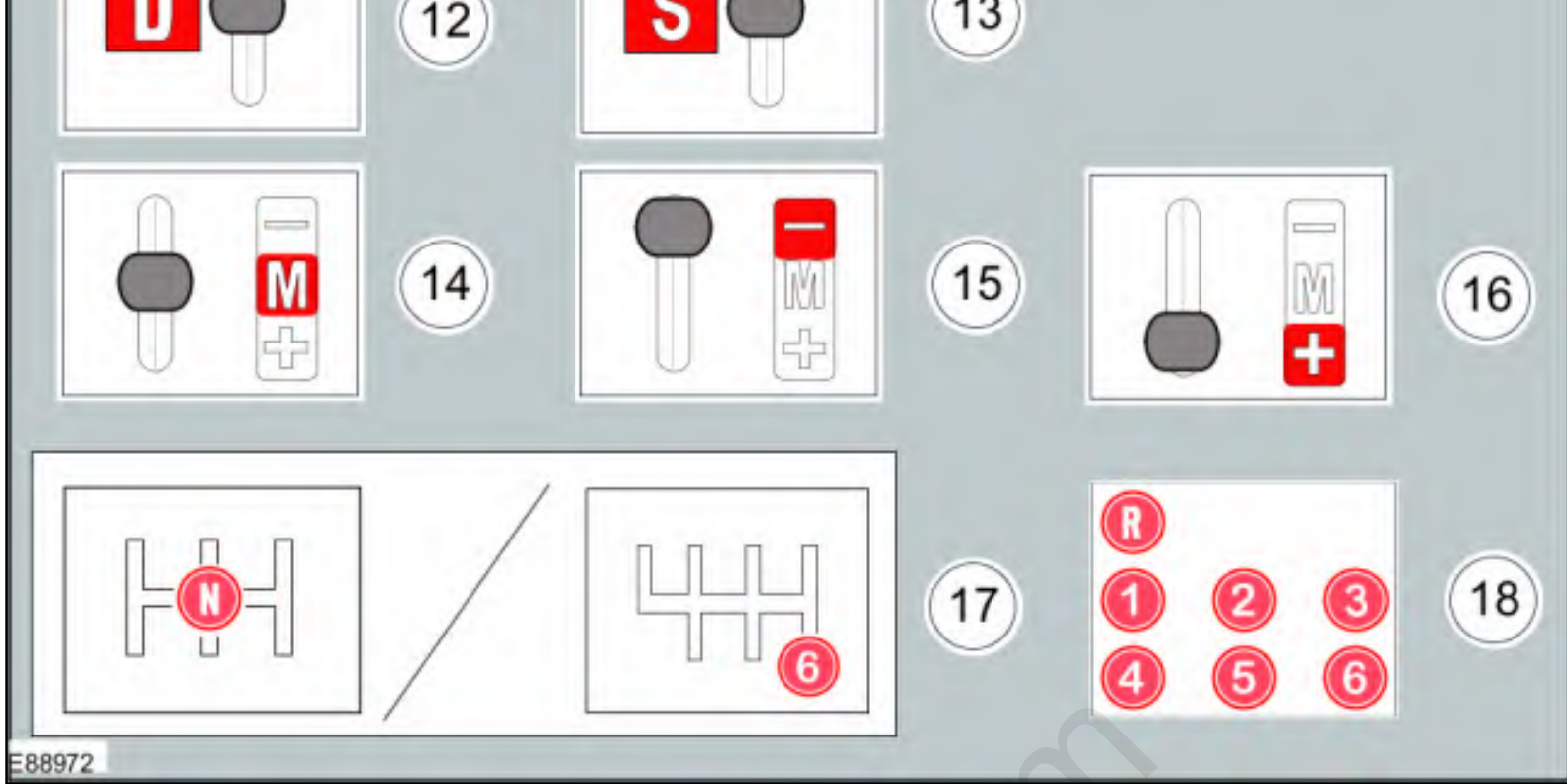
Item	Part Number	Description
1	—	3, 4, 5-door body style
2	—	Wagon body style
3	—	Sports utility vehicle body style
4	—	Coupe body style

5	—	Convertible body style
6	—	Van body style
7	—	3, 4, 5-door body style - Top View
8	—	Wagon body style - Top View
9	—	Underview
10	—	Right-hand drive (RHD) vehicle
11	—	Left-hand drive (LHD) vehicle

Gearshift lever and selector lever position symbols

Gearshift lever and selector lever position symbols are used to show the lever position that is required to be selected to carry out a procedure step.





Item	Part Number	Description
1	—	Replaced by symbol 9
2	—	Replaced by symbol 10
3	—	Replaced by symbol 11
4	—	Replaced by symbol 12
5	—	Replaced by symbol 12
6	—	Replaced by symbol 14
7	—	Replaced by symbol 15
8	—	Replaced by symbol 16
9	—	Set the selector lever to the park (P) position
10	—	Set the selector lever to the reverse (R) position
11	—	Set the selector lever to the neutral (N) position
12	—	Set the selector lever to the drive (D) position
13	—	Set the selector lever to the drive (S) position
14	—	Set the selector lever to the drive (M) position
15	—	Set the selector lever to the drive (-) position
16	—	Set the selector lever to the drive (+) position
17	—	Set the gearshift lever to the neutral (N) position

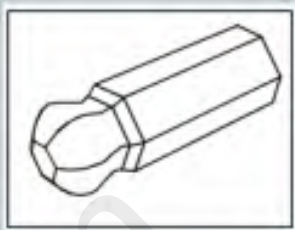
18	—	Further gearshift lever positions that may appear in illustrations
----	---	--

Screwdriver symbols

The screwdriver symbols are used to show which screwdriver bit is recommended to carry out a procedure step.



1



7



2



3



4



5



E88973

Item	Part Number	Description
1	—	Screwdriver
2	—	Cross bladed screwdriver / Cross bladed Bit Socket
3	—	Flat bladed screwdriver / Flat bladed Bit Socket
4	—	Hexagonal screwdriver / Hexagonal Bit Socket
5	—	TORX screwdriver / TORX Bit Socket
6	—	Polydrive screwdriver / Polydrive Bit Socket
7	—	Ball drive hex bit

Pliers symbols

The pliers symbols are used to show which pliers is recommended to carry out a procedure step.



1



2



3



4



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6

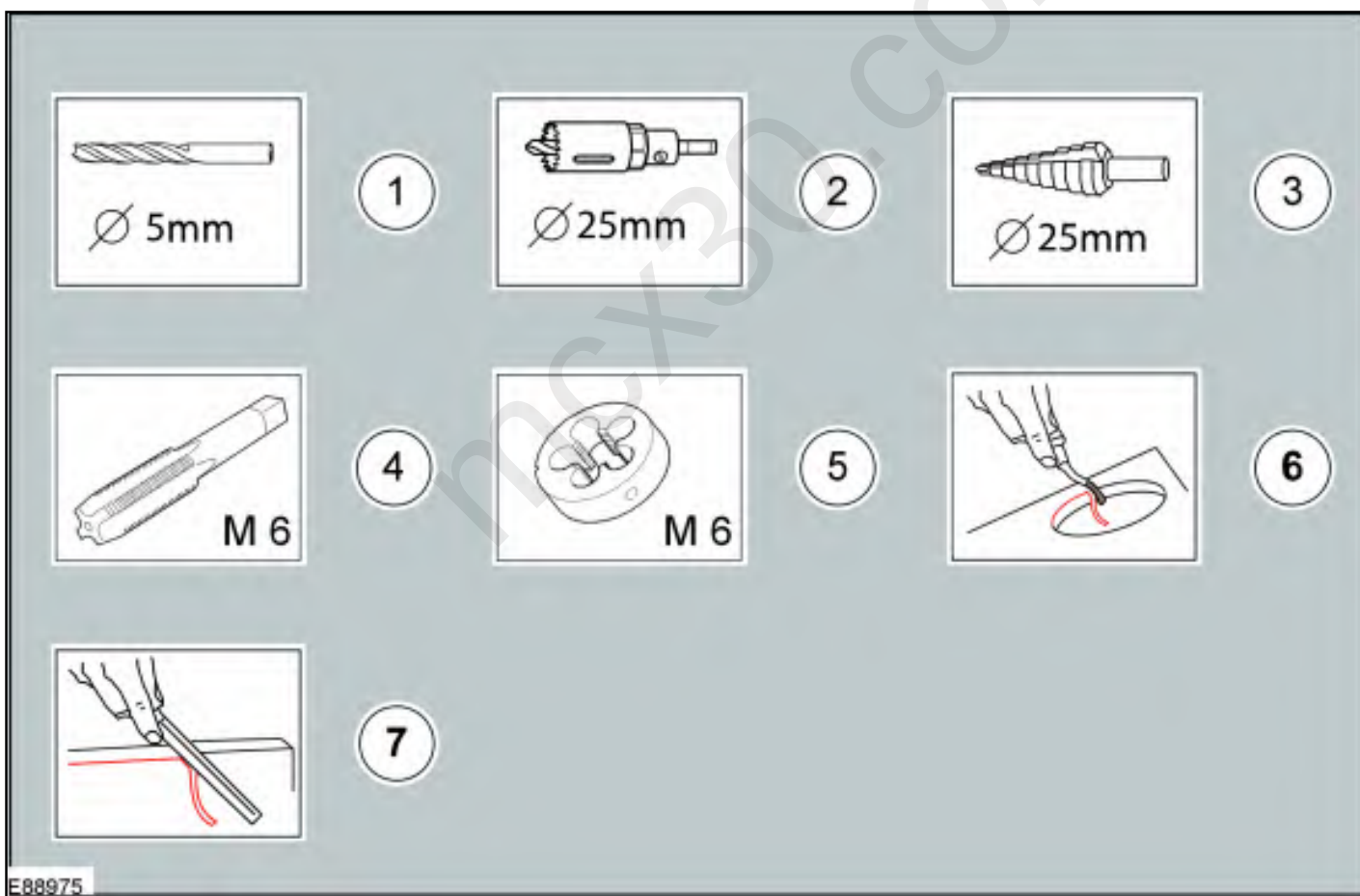


7

Item	Part Number	Description
1	—	Combination pliers
2	—	Side cutter pliers
3	—	Securing ring - inner
4	—	Securing ring - outer
5	—	Hose clamp pliers
6	—	Locking pliers
7	—	Long nose pliers

Drill symbols

The drill symbols are used to show which type and size of drill bit is recommended to carry out a procedure step.

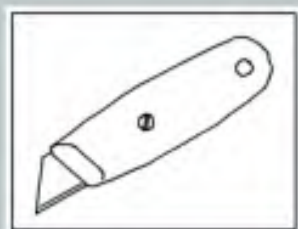


Item	Part Number	Description
1	—	Drill bit with a specified diameter

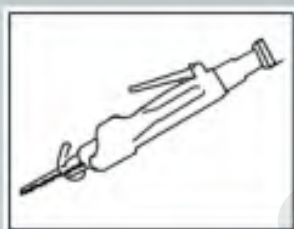
2	—	Hole saw with a specified diameter
3	—	Stepped drill bit with a specified diameter
4	—	Tap with a specified diameter
5	—	Die with a specified diameter
6	—	Scraper for circular holes
7	—	Scraper for straight edges

Cutting tool symbols

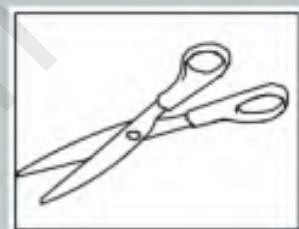
The cutting tool symbols are used to show which type of cutting tool is recommended to carry out a procedure step.



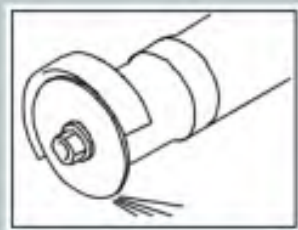
1



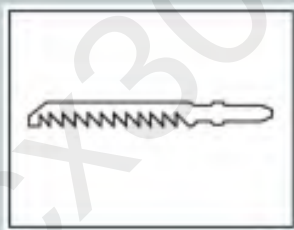
2



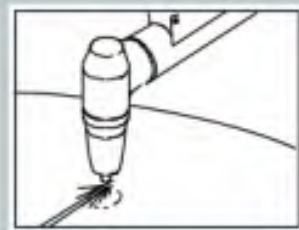
3



4



5



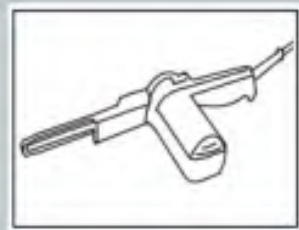
6



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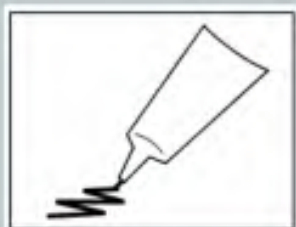
10

E88976

Item	Part Number	Description
1	—	Cutting knife
2	—	Air body saw
3	—	Scissors
4	—	Grinder
5	—	Jig saw
6	—	Plasma cutter
7	—	Sanding Paper
8	—	Wire brush
9	—	Belt Sander
10	—	Tin Snipes

Apply Chemical or load symbols

The apply chemical or load symbols are used to show where to apply which type of chemical or load to carry out a procedure step.



1



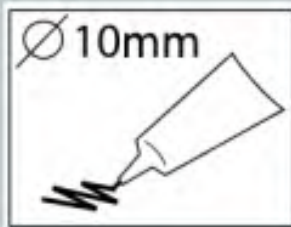
2



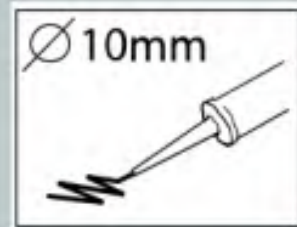
3



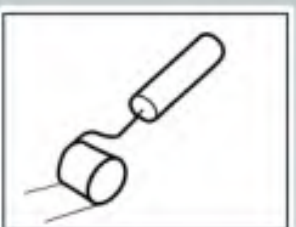
4



5



6



7



8



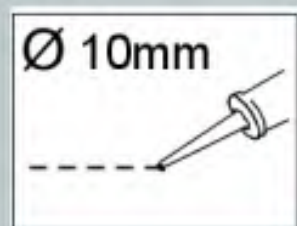
9



10



11



12



13



14



15



16



17



18

Item	Part Number	Description
1	—	Apply the substance from the specified tube
2	—	Apply the substance from the specified cartridge
3	—	Apply the specified chemical with a brush
4	—	Apply the specified load to the specified component
5	—	Apply a bead with a specific diameter from the specified tube
6	—	Apply a bead with a specific diameter from the specified cartridge
7	—	Apply the specified chemical with a roller
8	—	Apply hot glue to the specified component
9	—	Apply the specified amount of fluid from the fluid can
10	—	Apply fluid from the fluid can
11	—	Clean the specified component with the specified material
12	—	Apply a broken bead from the specified tube
13	—	Apply the specified chemical from a spray can
14	—	Apply the specified lubricant to the specified component
15	—	Apply spot welds to the specified component
16	—	Apply a continuous weld to the specified component
17	—	Handle the fluid using a syringe
18	—	Extract the specified amount of fluid using a syringe

Measurement symbols

The measurement symbols are used to show where to measure which type of measurement to carry out a procedure step.



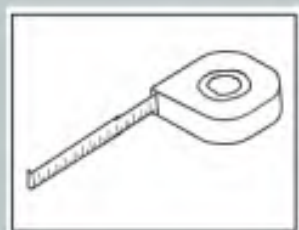
1



2



3



4



5



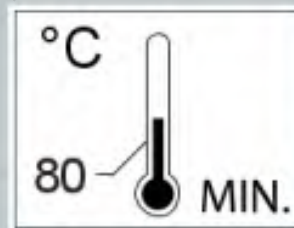
6



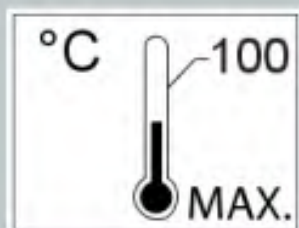
7



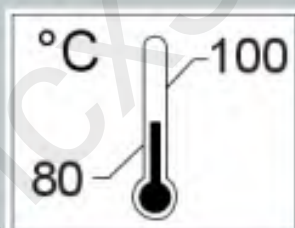
8



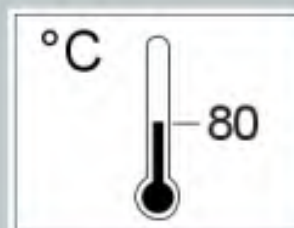
9



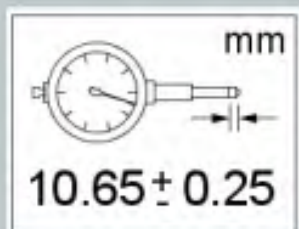
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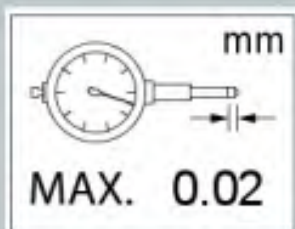
11



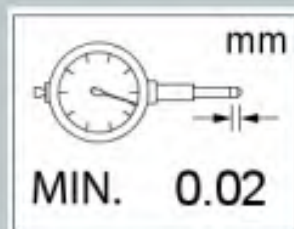
12



13



14

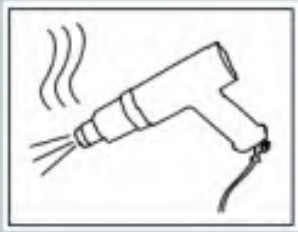


15

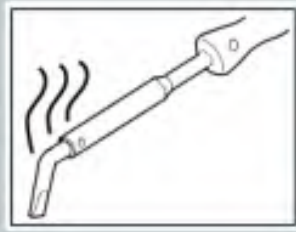
Item	Part Number	Description
1	—	Measure the current using a digital multimeter
2	—	Measure the voltage using a digital multimeter
3	—	Measure the resistance using a digital multimeter
4	—	Measure the length/distance
5	—	Check that the specified pressure is available using a suitable pressure gauge
6	—	Measure the pressure at the specified port using a suitable pressure gauge
7	—	Measure the time using a suitable stopwatch
8	—	Wait for the specified period of time
9	—	The specified task requires the specified minimum temperature
10	—	The specified task requires the specified maximum temperature not to be exceeded
11	—	The specified task requires the specified temperature range
12	—	The specified task requires the specified temperature
13	—	Measure and check for the specified value using a dial indicator gauge
14	—	Measure and check for the specified MAX value using a dial indicator gauge
15	—	Measure and check for the specified MIN value using a dial indicator gauge

General equipment symbols

The general equipment symbols are used to show where to use which type of general equipment to carry out a procedure step.



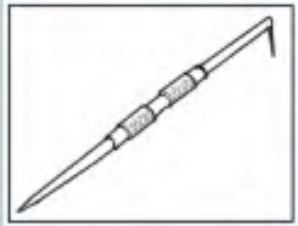
1



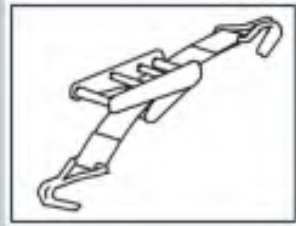
2



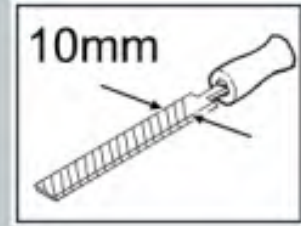
3



4



5



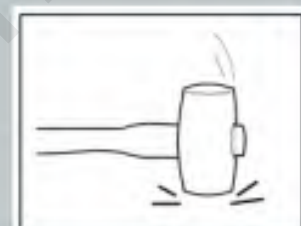
6



7



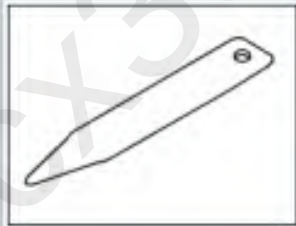
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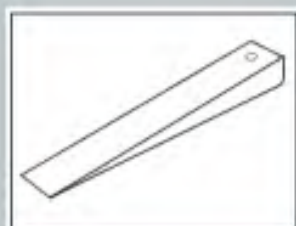
11



12



13



14



15

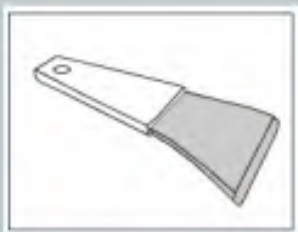


16



17

Item	Part Number	Description
1	—	Hot air gun
2	—	Soldering iron
3	—	Scraper
4	—	Scriber
5	—	Securing strap
6	—	File with a specified size
7	—	Center punch
8	—	Marker
9	—	Mallet
10	—	Hose clamp
11	—	Interior trim remover
12	—	Vacuum cleaner
13	—	Strap wrench
14	—	Wedge
15	—	Pin Punch
16	—	Air blow gun
17	—	Relocate and support the component
18	—	C-clamp



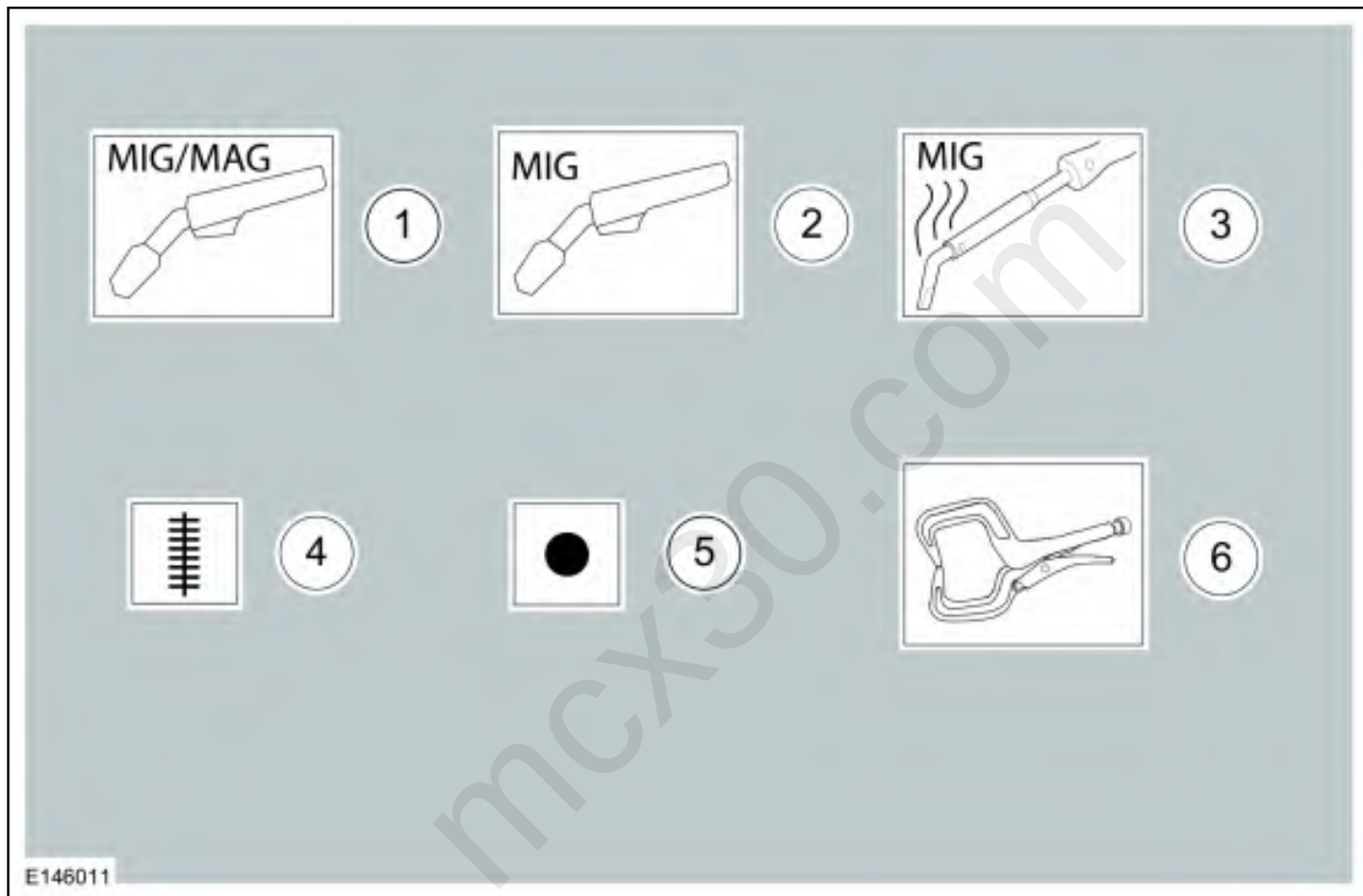
1

mcx30.com

Item	Part Number	Description
1	—	Plastic scraper

Welding symbols

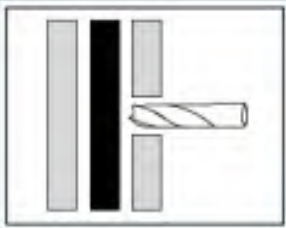
These symbols indicate the type of welding to be used.



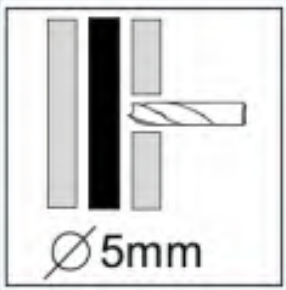
Item	Part Number	Description
1	—	Metal inert gas (MIG) / Metal active gas (MAG) welding equipment
2	—	Metal inert gas (MIG) welding equipment
3	—	Metal inert gas (MIG) brazing equipment
4	—	Apply a continuous weld to the specified component
5	—	Apply spot welds to the specified component
6	—	C-clamp

Drilling and grinding symbols

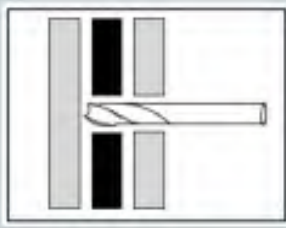
These symbols indicate the type of drilling or grinding to be used.



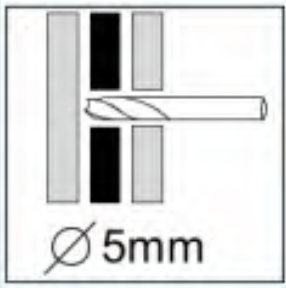
1



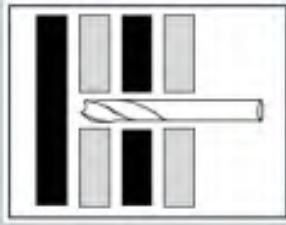
2



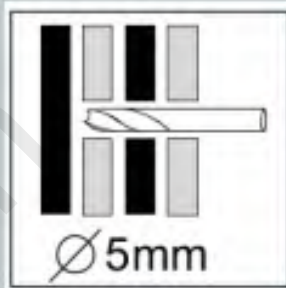
3



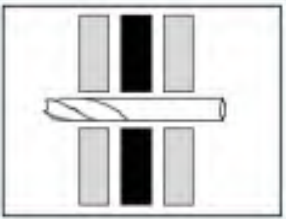
4



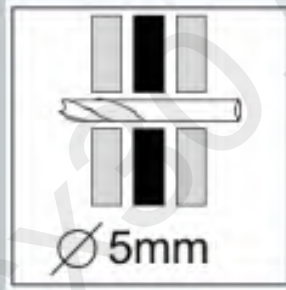
5



6



7



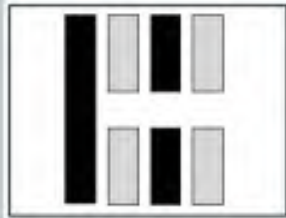
8



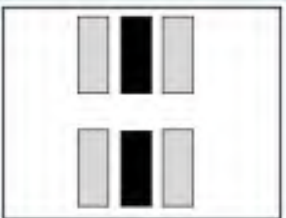
9



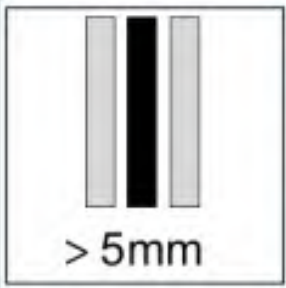
10



11



12



13

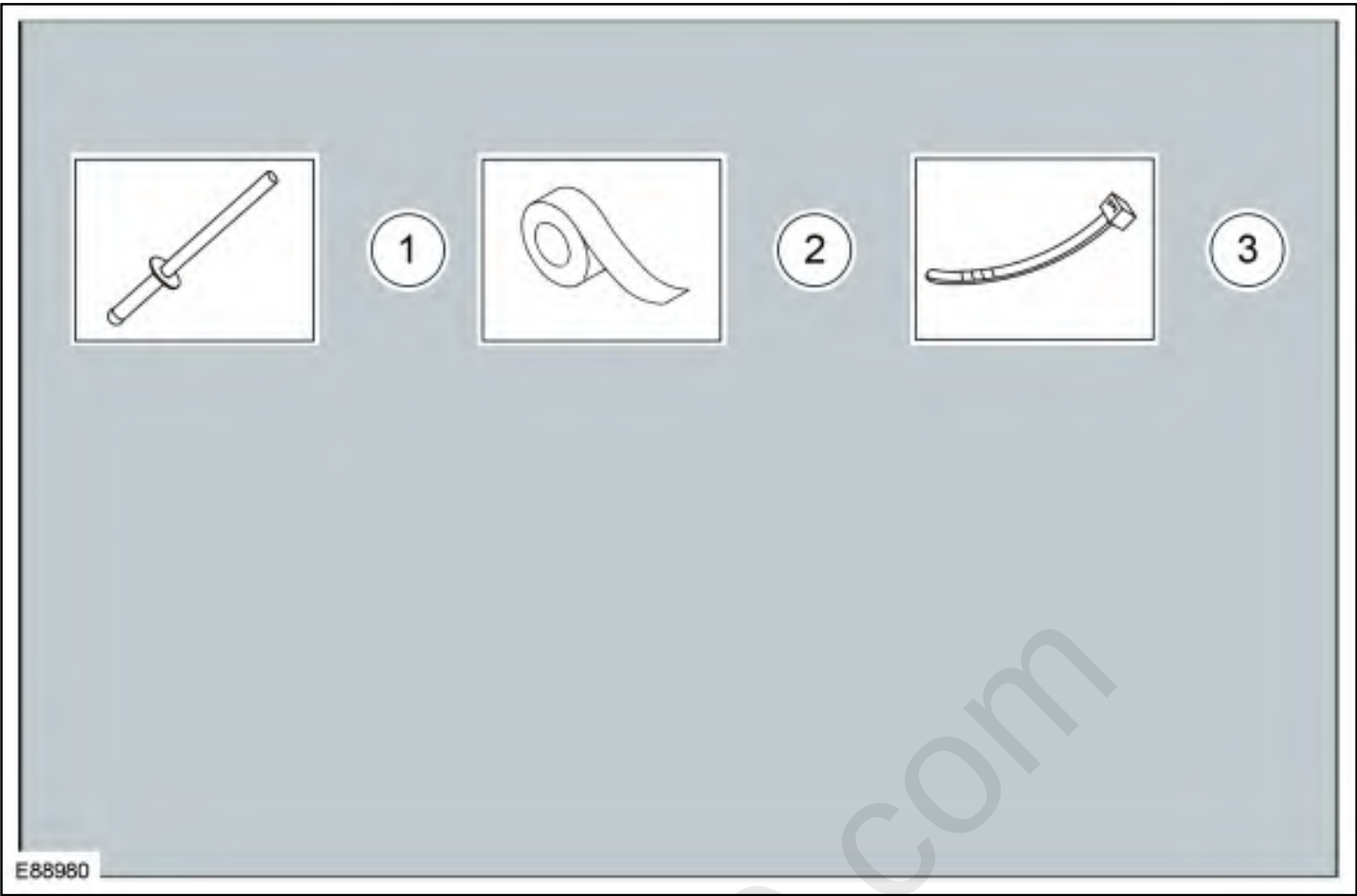
> 5mm

E146010

Item	Part Number	Description
1	—	Drill through first body layer with a suitable diameter
2	—	Drill through first body layer with the specified diameter
3	—	Drill through the indicated number of body layers with a suitable diameter
4	—	Drill through the indicated number of body layers with the specified diameter
5	—	Drill through the indicated number of body layers with a suitable diameter
6	—	Drill through the indicated number of body layers with the specified diameter
7	—	Drill through all body layers with a suitable diameter
8	—	Drill through all body layers with the specified diameter
9	—	Grind one layer
10	—	Grind two layers
11	—	Grind to last layer
12	—	Grind all layers
13	—	Material thickness > Xmm

Material symbols

The material symbols are used to show where to use which type of material to carry out a procedure step.



Item	Part Number	Description
1	—	Remove/Install the specified blind rivet
2	—	Apply tape to the specified component/area
3	—	Remove/Install the specified cable tie

Miscellaneous symbols

These symbols provide further information that is required to carry out a procedure step.



1



2



3



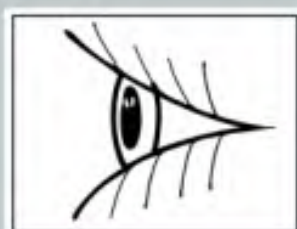
4



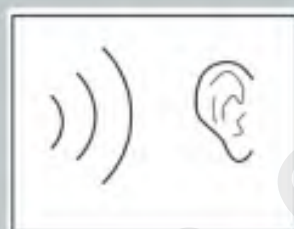
5



6



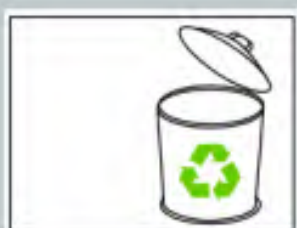
7



8



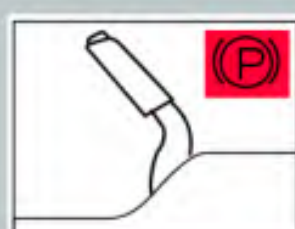
9



10



11



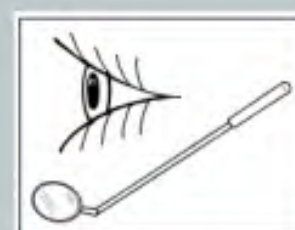
12



13



14



15



16

Item	Part Number	Description
1	—	Set the ignition switch to the 0 position
2	—	Set the ignition switch to the II position
3	—	The procedure step requires the aid of the specified number of supporting technicians
4	—	Self contained breathing apparatus
5	—	General prohibition used in combination with another symbol
6	—	Do not use power tools
7	—	Visual check
8	—	Noise check
9	—	Dispose the specified component
10	—	Replaced by item 9 (Dispose the specified component)
11	—	Set the engine speed to the specified value
12	—	Fully apply the parking brake lever
13	—	Fully release the parking brake lever
14	—	Do not dispose of batteries into the waste bin
15	—	Visual check using a mirror
16	—	Area/component must be dry

Mandatory Protective equipment - Health and safety symbols

The protective equipment symbols advise to use a mandatory protective equipment to avoid or at least reduce possible health and safety risks.



1



2



3



4



5



6

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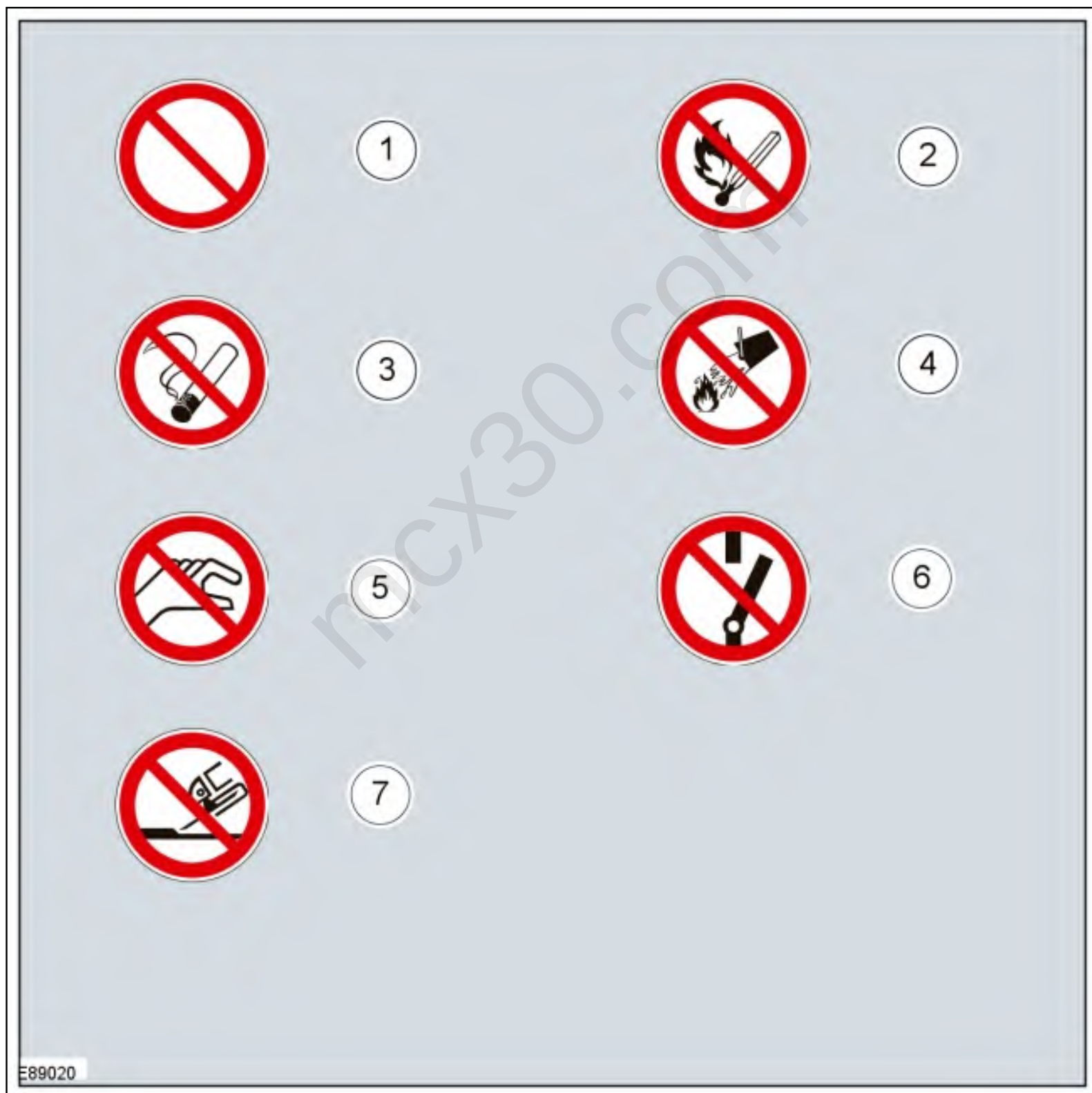
E89019

Item	Part Number	Description
1	—	Wear protective gloves
2	—	Wear face guard
3	—	Wear safety goggles
4	—	Wear ear protectors

5	—	Wear safety goggles and ear protectors
6	—	Wear a respirator

Prohibition - Health and safety symbols and component damage

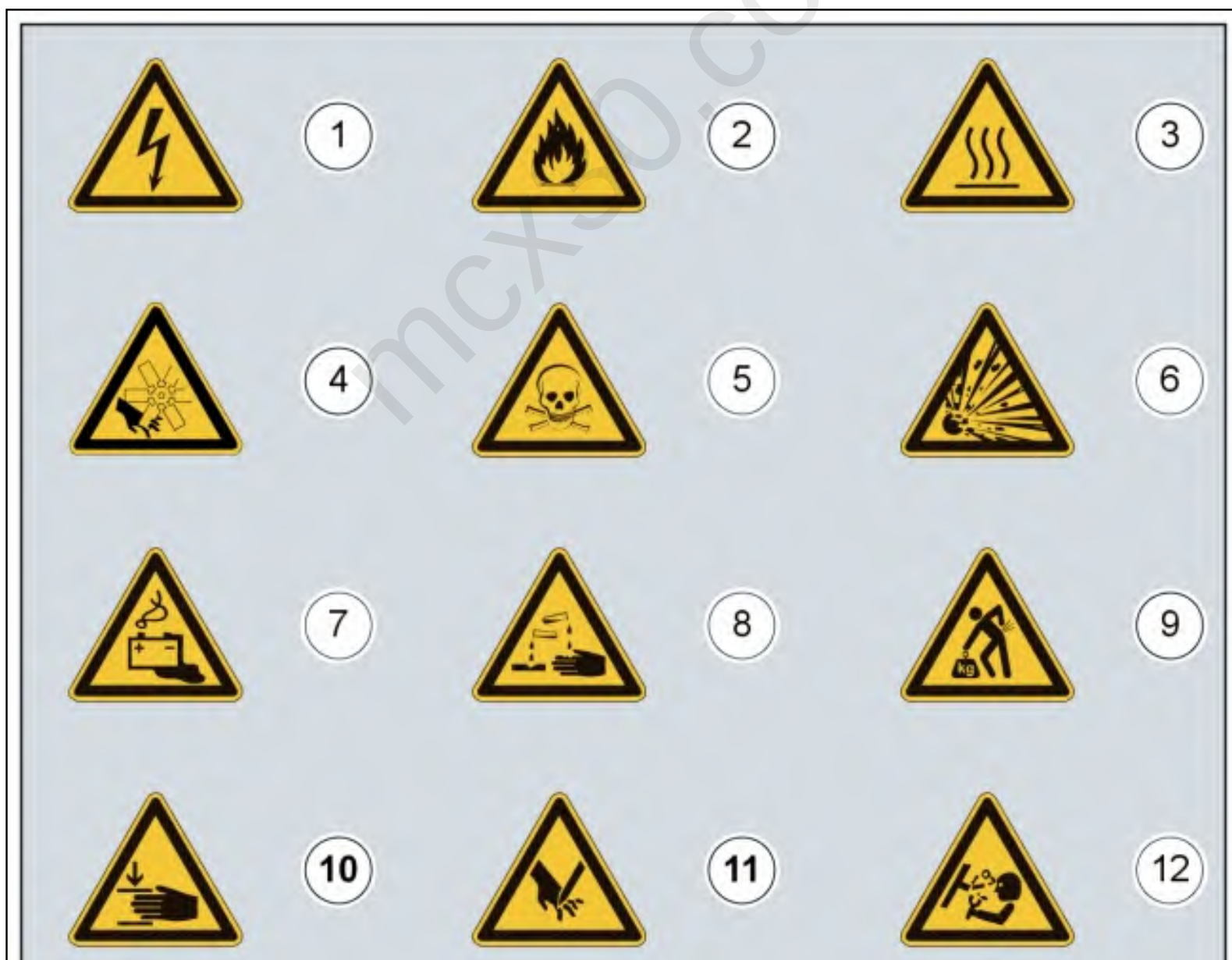
The prohibition symbols are used to prohibit the specified actions to avoid or at least reduce possible component damage and health and safety risks.



Item	Part Number	Description
1	—	General prohibition symbol
2	—	No naked flames
3	—	No smoking
4	—	No water
5	—	Do not touch
6	—	Do not switch
7	—	No grinding

Warning symbols - Health and safety and component damage

The warning symbols are used to advise on hazardous conditions to avoid or at least reduce possible component damage and health and safety risks.

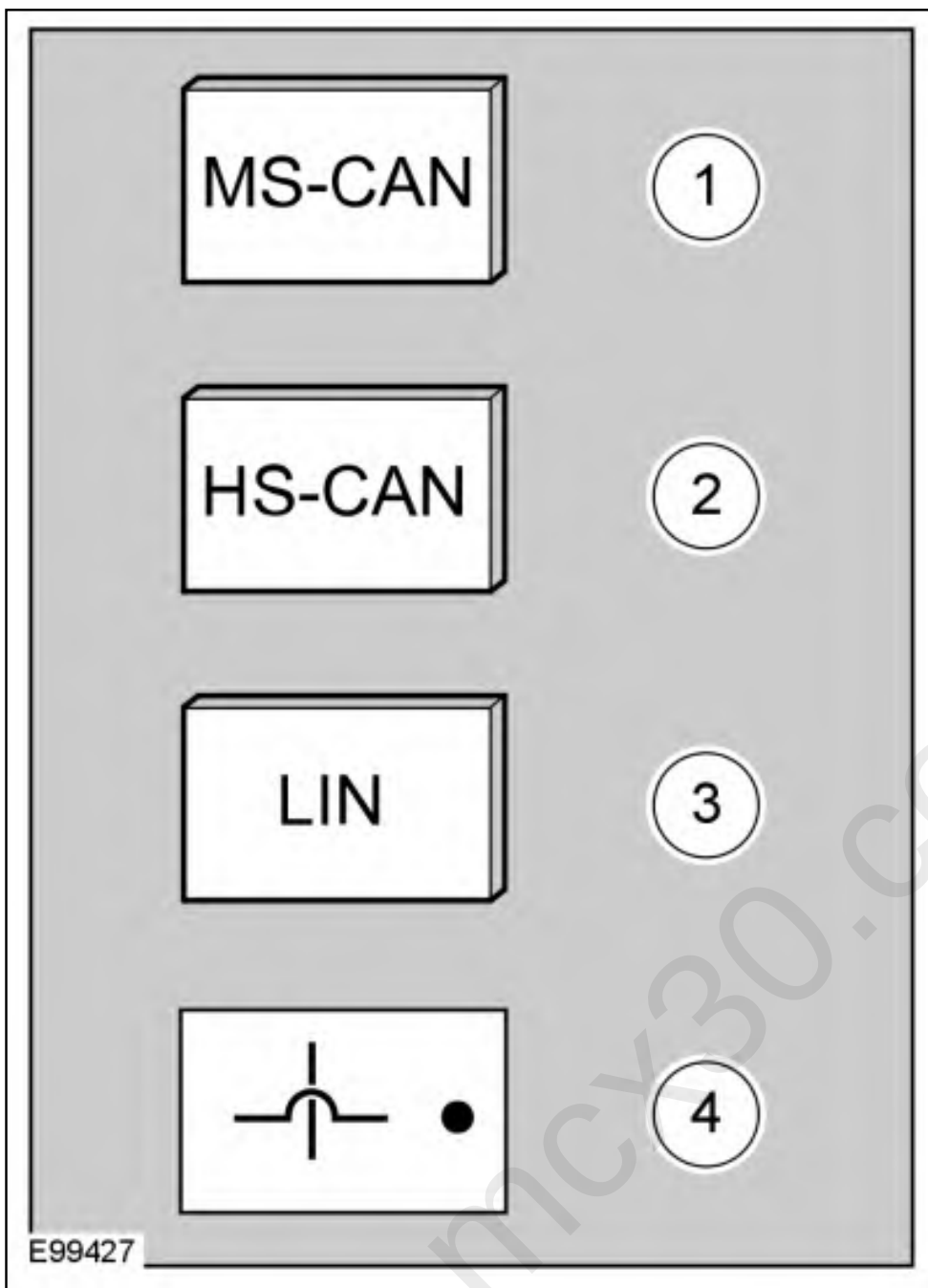




Item	Part Number	Description
1	—	Hazardous voltage/Electrical shock/Electrocution
2	—	Fire Hazard/Highly flammable
3	—	Burn hazard/Hot surface
4	—	Automatic start-up
5	—	Toxic
6	—	Explosive material
7	—	Battery hazard
8	—	Corrosive material
9	—	Lifting hazard
10	—	Hand crush/Force from above
11	—	Cutting of fingers or hand
12	—	Pressure hazard
13	—	Invisible laser radiation. Do not view directly with optical instruments (magnifiers). Class 1M laser product

Control Diagram symbols - Description and Operation procedures

These symbols provide further information on the type of connectivity, direction of flow or type of data bus of a system.



Item	Part Number	Description
1	—	Mid-speed Controller Area Network (CAN)
2	—	High-speed Controller Area Network (CAN)
3	—	Local Interconnect Network (LIN)
4	—	Wires crossing not connected