

Ford Fiesta 2011

Workshop Manual & Wiring Diagrams



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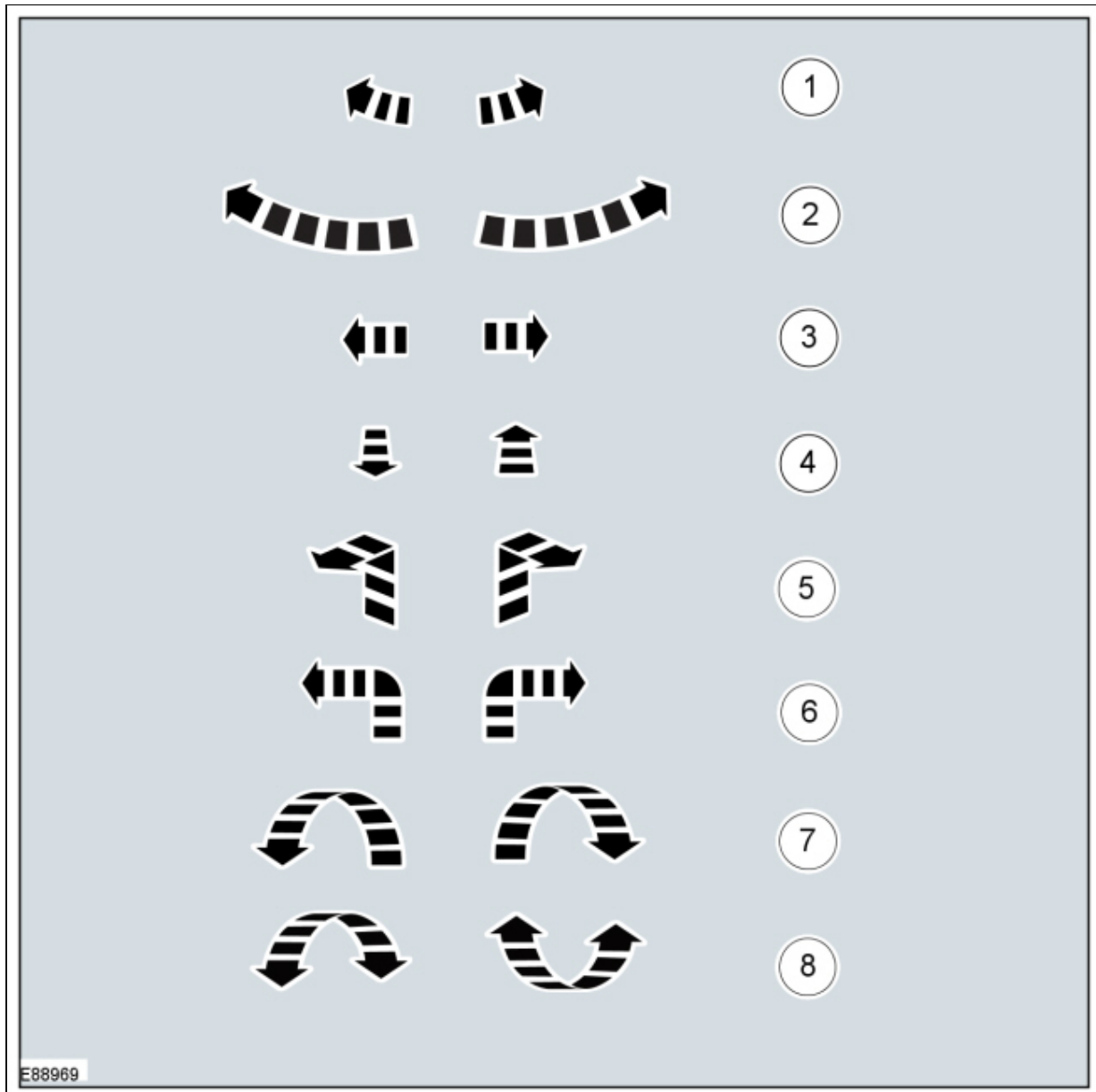
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Symbols Glossary

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

Movement Symbols

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

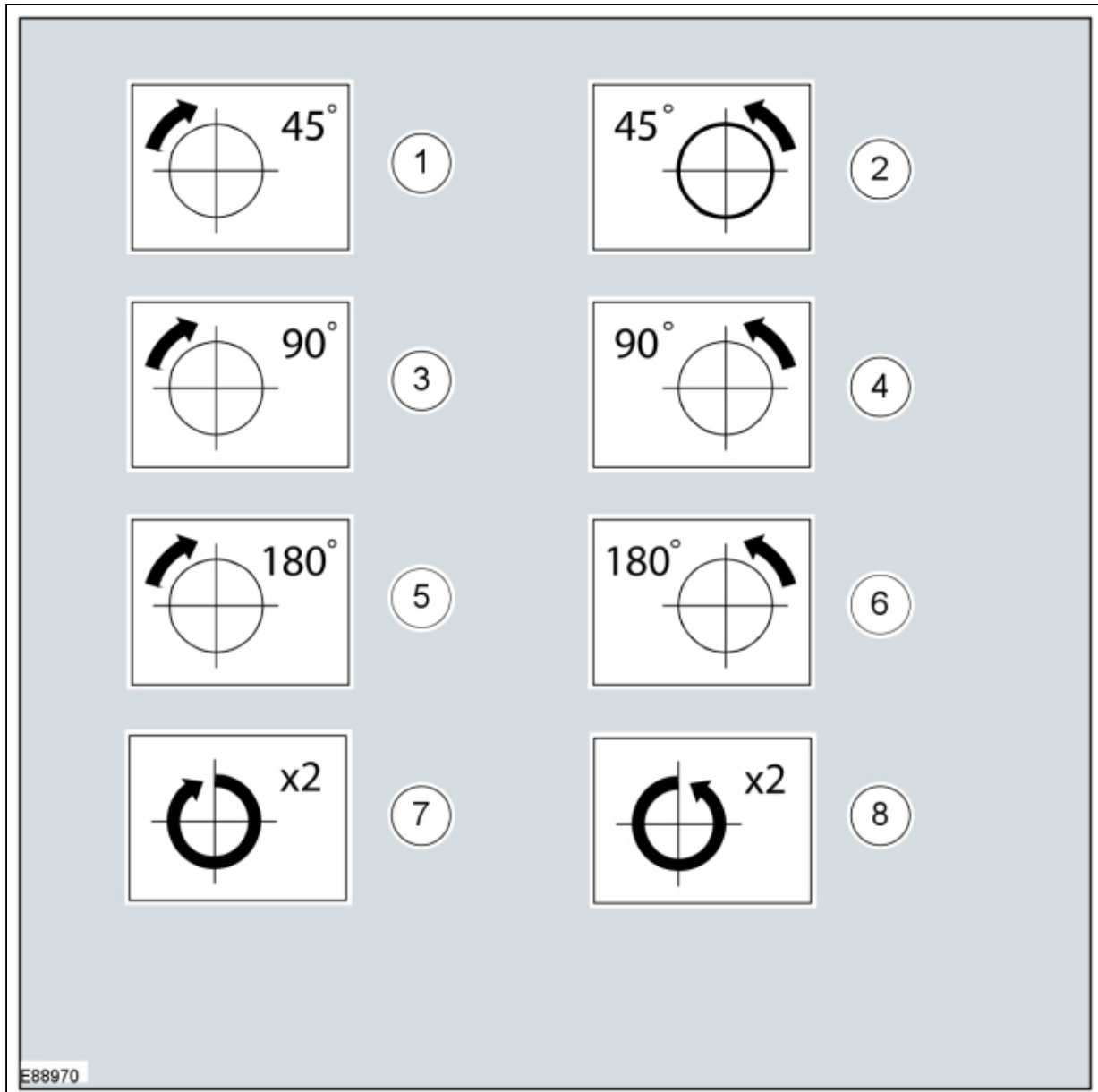


Item	Description
1	Minor component movement clockwise or counterclockwise
2	Major component movement clockwise or counterclockwise
3	Component movement to the left, right, up, or down
4	Component movement towards or away

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.

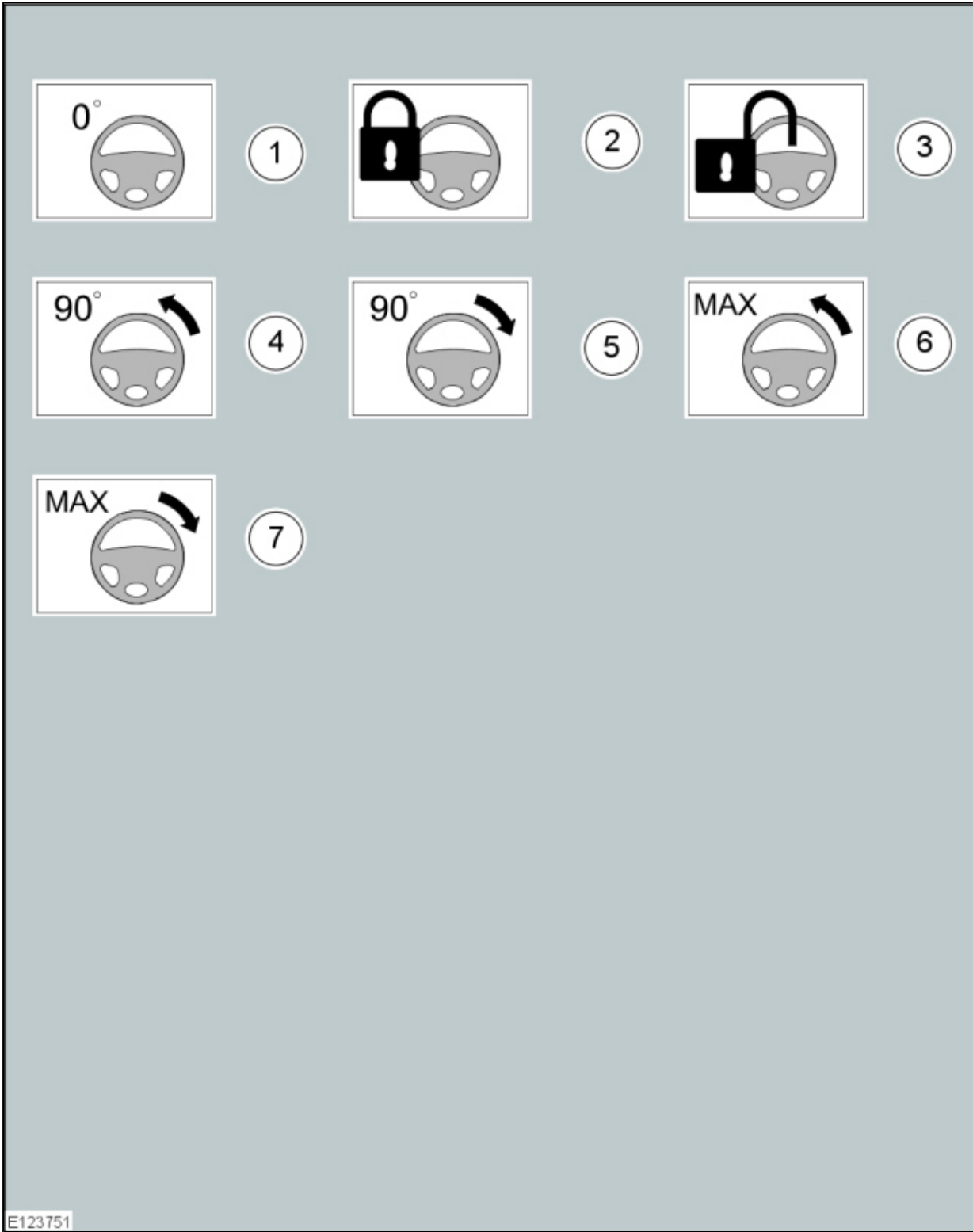


Item	Description
1	Turn the component clockwise through 45°
2	Turn the component counterclockwise through 45°
3	Turn the component clockwise through 90°
4	Turn the component counterclockwise through 90°
5	Turn the component clockwise through 180°
6	Turn the component counterclockwise through 180°

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.



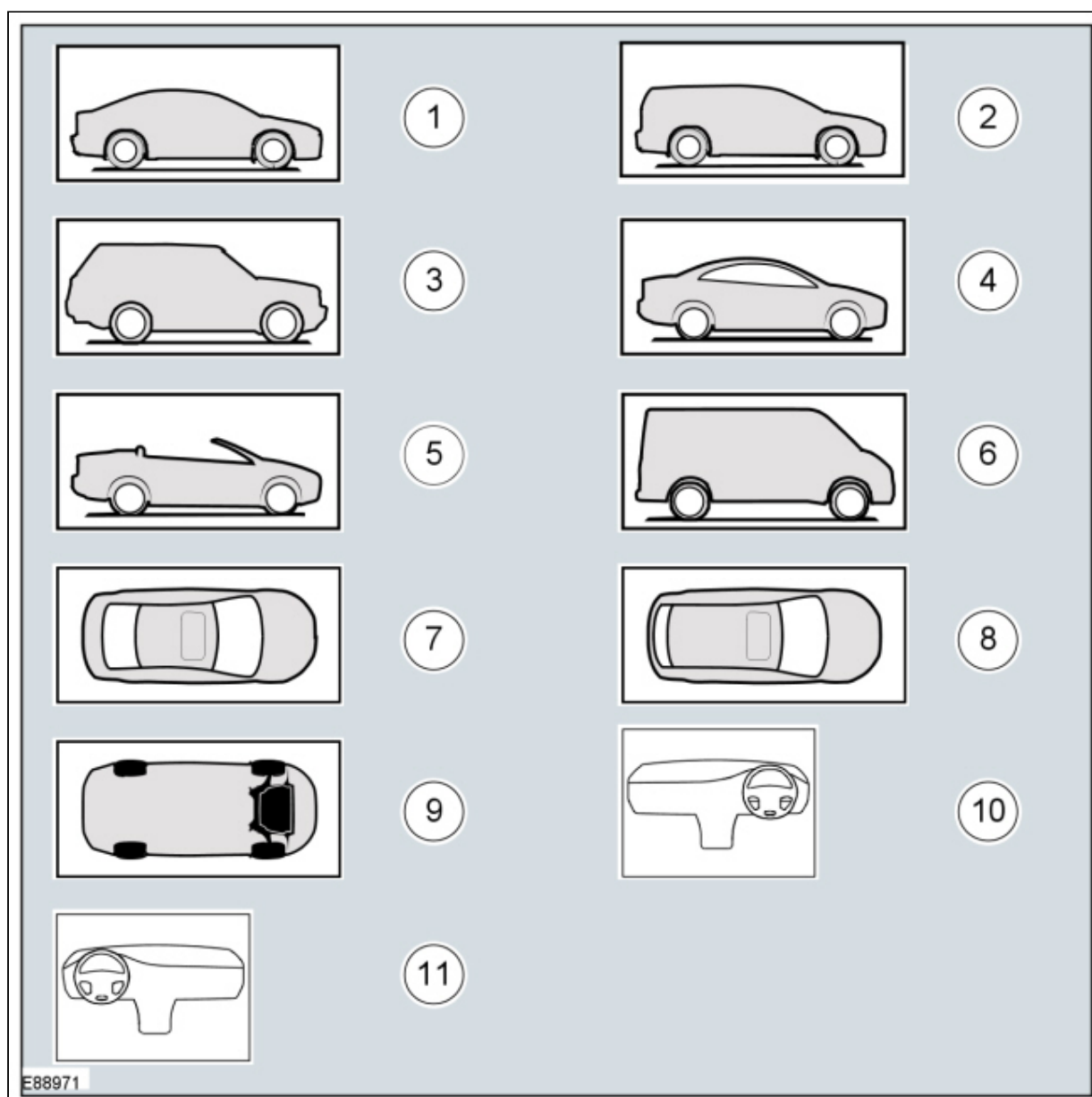
E123751

Item	Description
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1	Steering wheel in straight ahead position
2	Steering column locked
3	Steering column unlocked
4	Rotate steering wheel 90° left from center
5	Rotate steering wheel 90° right from center
6	Turn steering wheel fully counterclockwise to stop
7	Turn steering wheel fully clockwise to stop

Body Types

Body type symbols are used to identify different body configurations.

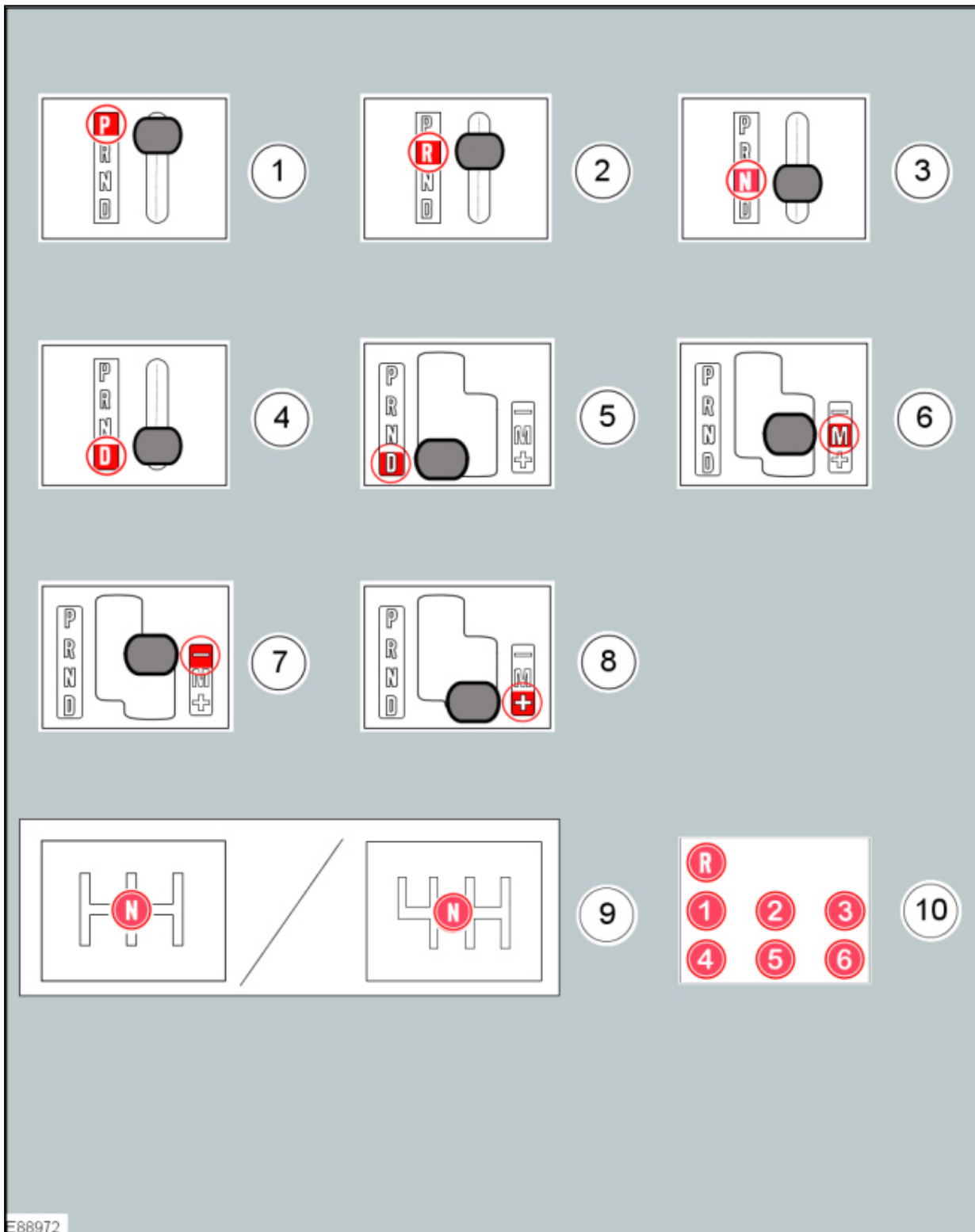


Item	Description
1	3, 4, 5-door body style
2	Wagon body style
3	Sport Utility Vehicle (SUV) body style

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	Underbody view
10	Right-hand drive (RHD) vehicle
11	Left-hand drive (LHD) vehicle

Gearshift Lever Position Symbols

Gearshift lever position symbols are used to show the gear position required for the procedure.



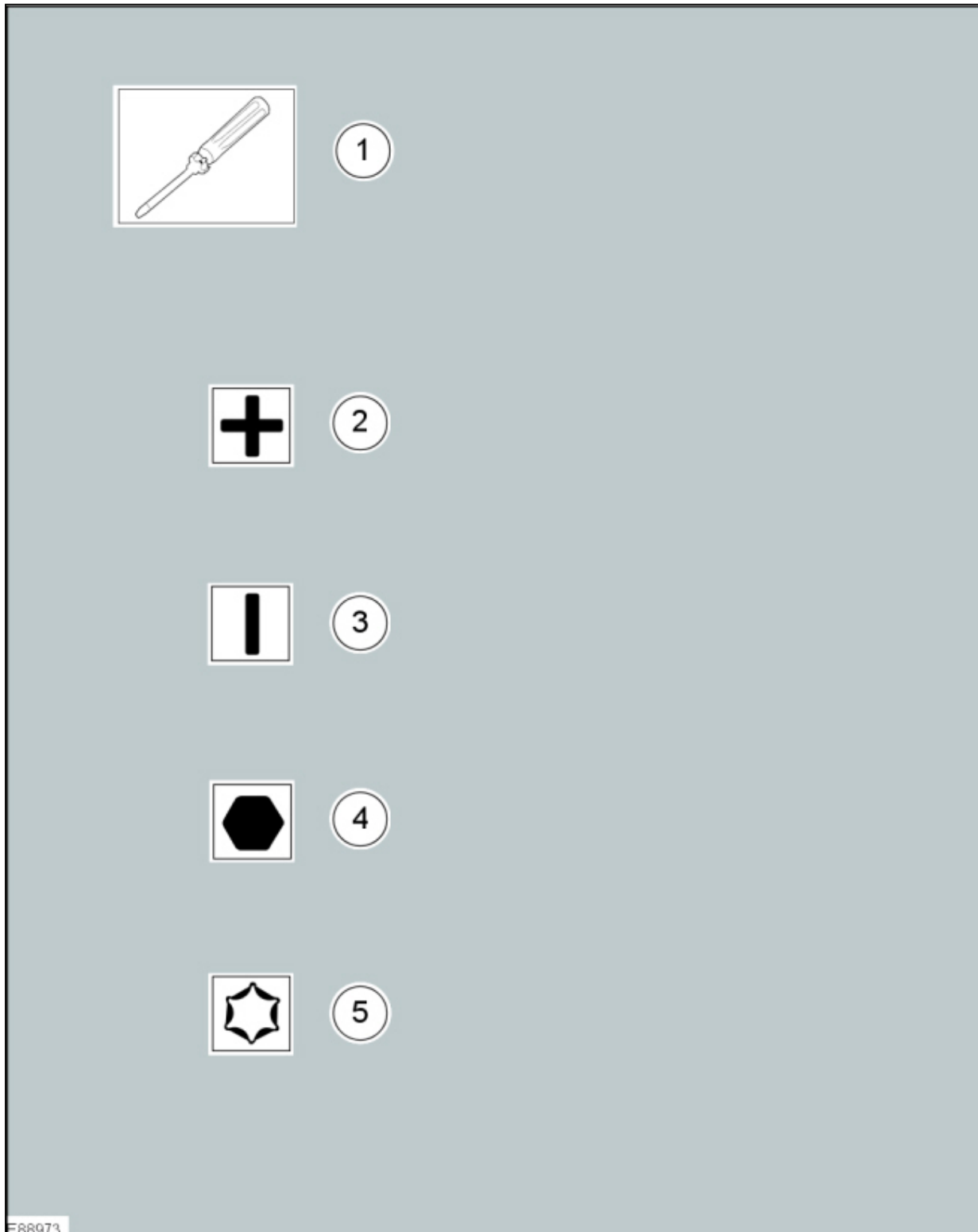
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Item	Description
1	Set the selector lever to the park (P) position
2	Set the selector lever to the reverse (R) position
3	Set the selector lever to the neutral (N) position
4	Set the selector lever to the drive (D) position
5	Set the selector lever with manual shift option to the drive (D) position
6	Set the selector lever with manual shift option to the manual (M) position

7	Set the selector lever with manual shift option to the shift down (-) position
8	Set the selector lever with manual shift option to the shift up (+) position
9	Set the manual shift lever to the neutral (N) position
10	Set the manual shift lever to indicated gear position (all possible gears shown here)

Screwdriver Symbols

The screwdriver symbols are used to indicate which screwdriver bit is required for the procedure step.



Item	Description
1	Screwdriver
2	Phillips or cross-bladed screwdriver
3	Flat-bladed screwdriver
4	Hexagonal or Allen screwdriver
5	TORX screwdriver

Plier Symbols

The plier symbols are used to indicate which plier is required for the procedure step.



1



2



3



4



5



6



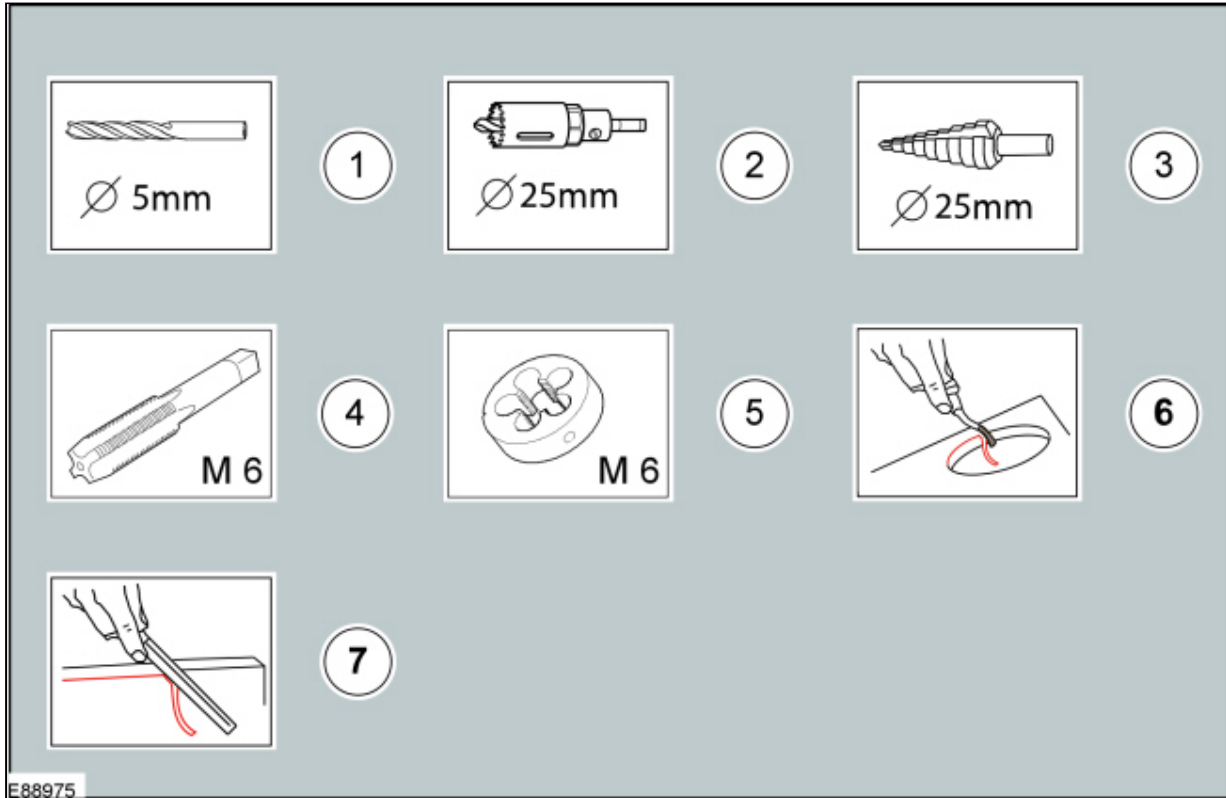
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E88974

Item	Description
1	Combination pliers
2	Side cutter pliers
3	Internal snap-ring pliers
4	External snap-ring pliers
5	Hose clamping pliers
6	Locking pliers

Drilling and Threading Tool Symbols

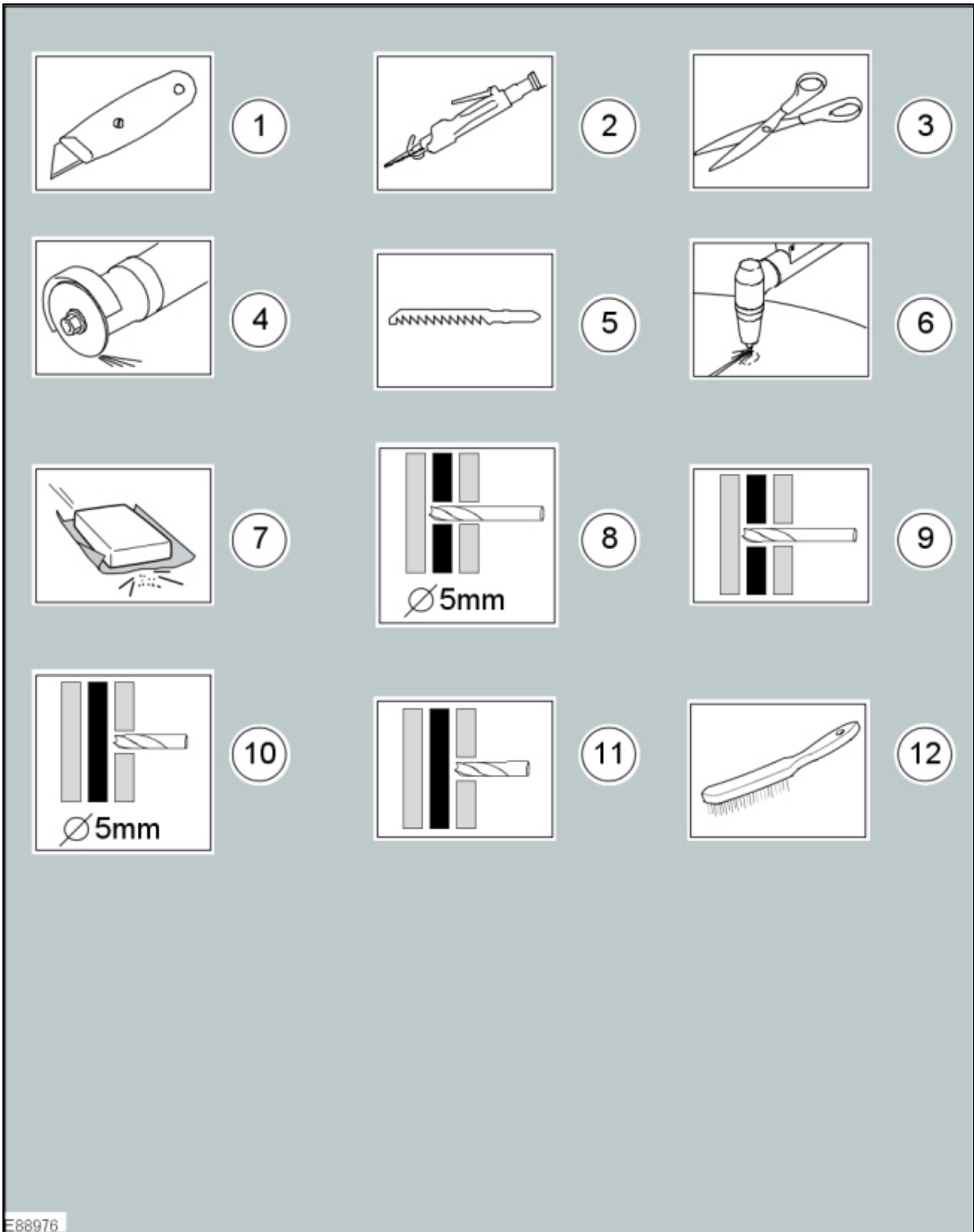
The drilling or threading tool symbols are used to indicate which type and size drill, thread-cutting device, or file is required for the procedure.



Item	Description
1	Drill bit with a specified diameter
2	Hole saw with a specified diameter
3	Stepped drill bit using a specified step diameter
4	Tap with a specified diameter
5	Die with a specified diameter
6	File or de-burring tool for circular holes
7	File or de-burring tool

Cutting Tool Symbols

The cutting tool symbols are used to indicate which type of cutting tool is used for the procedure.



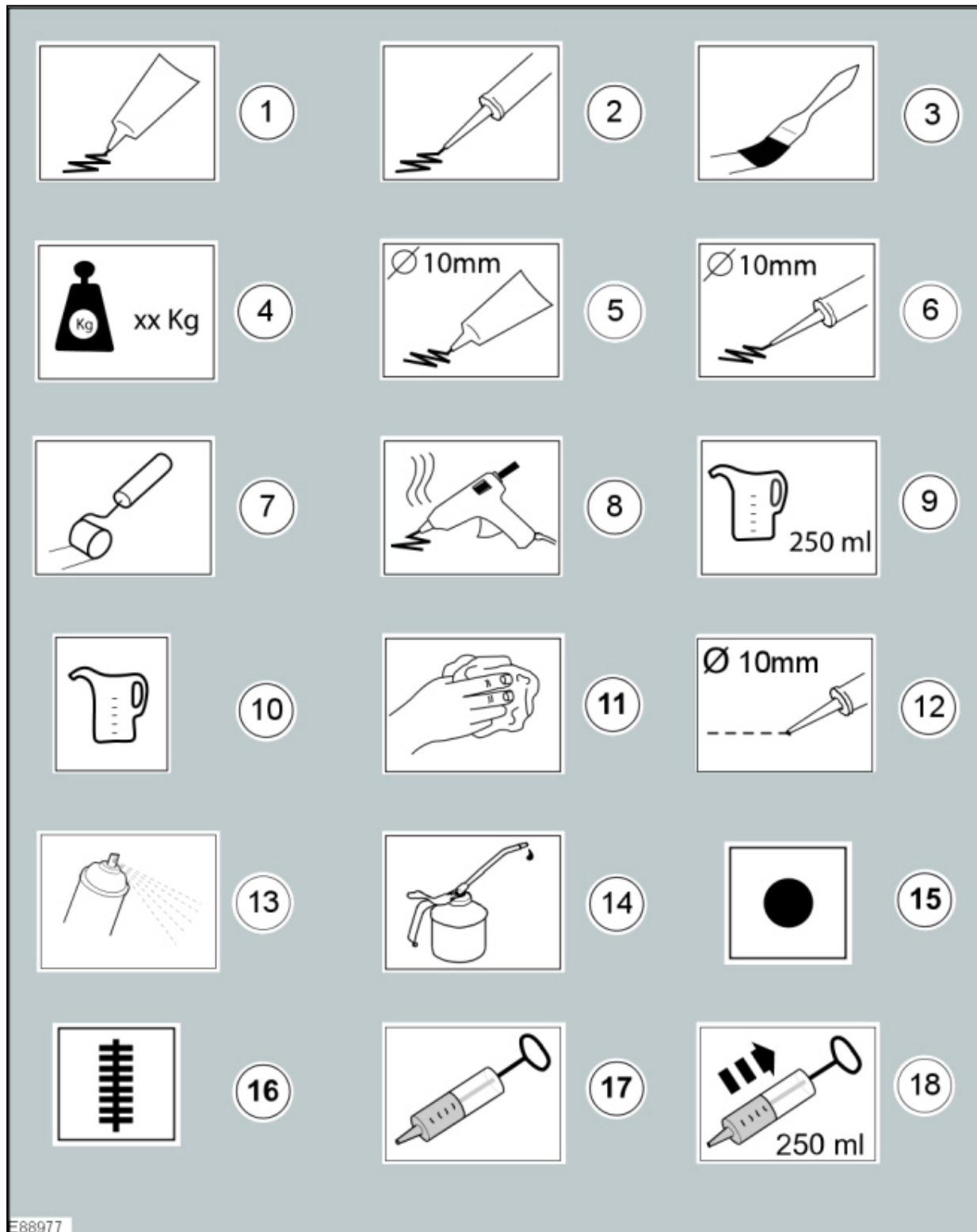
E88976

Item	Description
1	Box-cutter or cutting knife
2	Pneumatic body saw
3	Scissors
4	Grinder
5	Jig saw
6	Plasma cutter

7	Sanding block or paper
8	Drill through the indicated number of body layers with the specified diameter drill bit
9	Drill through the indicated number of body layers with an appropriate size drill bit
10	Drill through first body layer with the specified diameter drill bit
11	Drill through first body layer with an appropriate size drill bit
12	Wire brush

Apply Chemicals, Lubricants, or Clamping Load Symbols

The apply chemicals, lubricants or clamping load symbols are used to direct the application of chemicals, lubricants, or loads for the procedure.



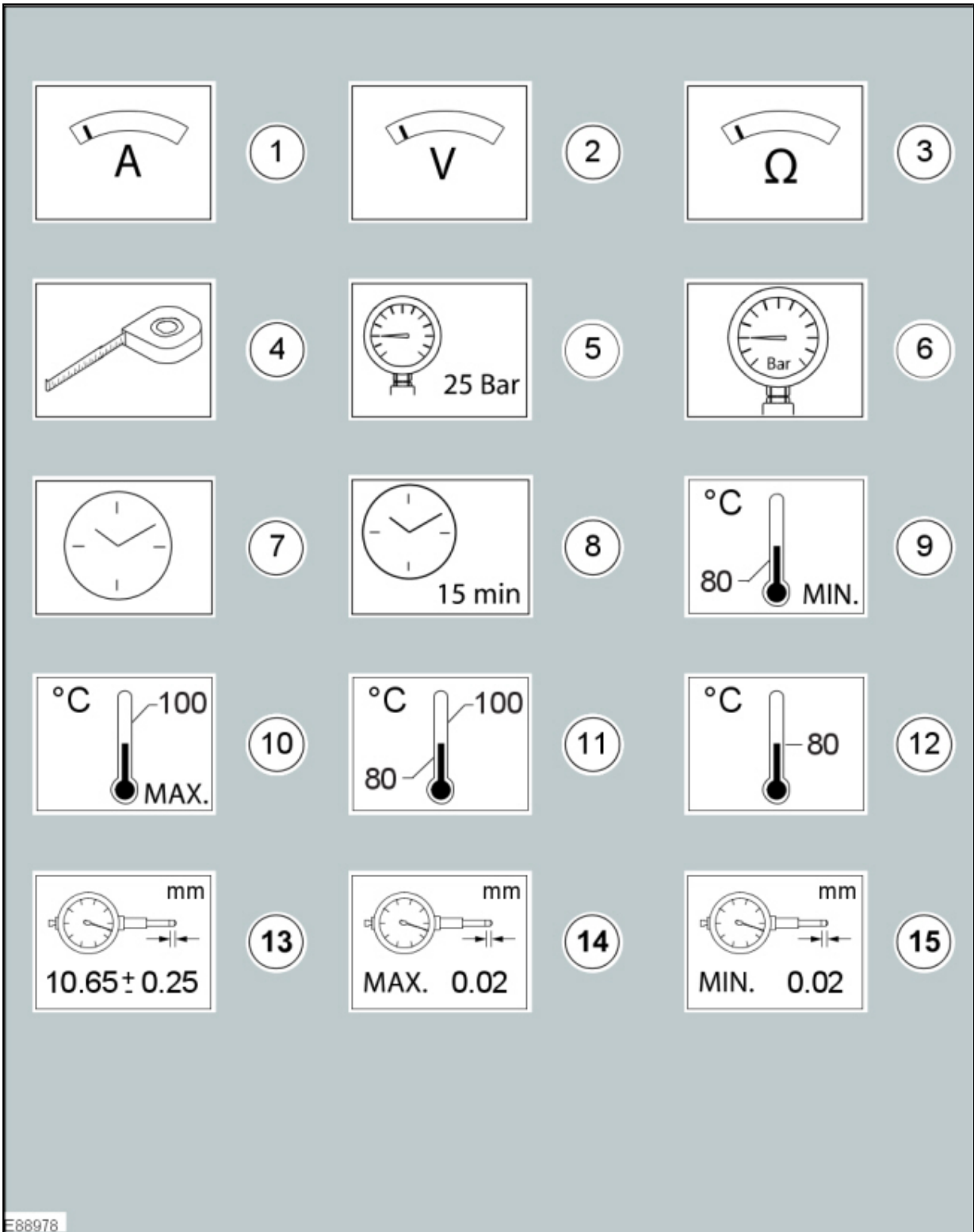
E88977

Item	Description
1	Apply a bead from the specified tube
2	Apply a bead from the specified cartridge
3	Apply the specified chemical with a brush
4	Apply the specified clamping load to the specified component
5	Apply the specified diameter bead from the specified tube
6	Apply the specified diameter bead 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
10	Apply the fluid
11	Clean the specified component with the specified material
12	Apply a broken bead of the specified diameter
13	Apply the specified chemical with a spray can
14	Apply the specified lubricant to the specified component
15	Spot weld the specified component
16	Apply a continuous line of weld to the specified component
17	Apply the fluid with a syringe
18	Extract the fluid with a syringe

Measurement Symbols

The measurement symbols are used to show which measurement will be made at a specified point.



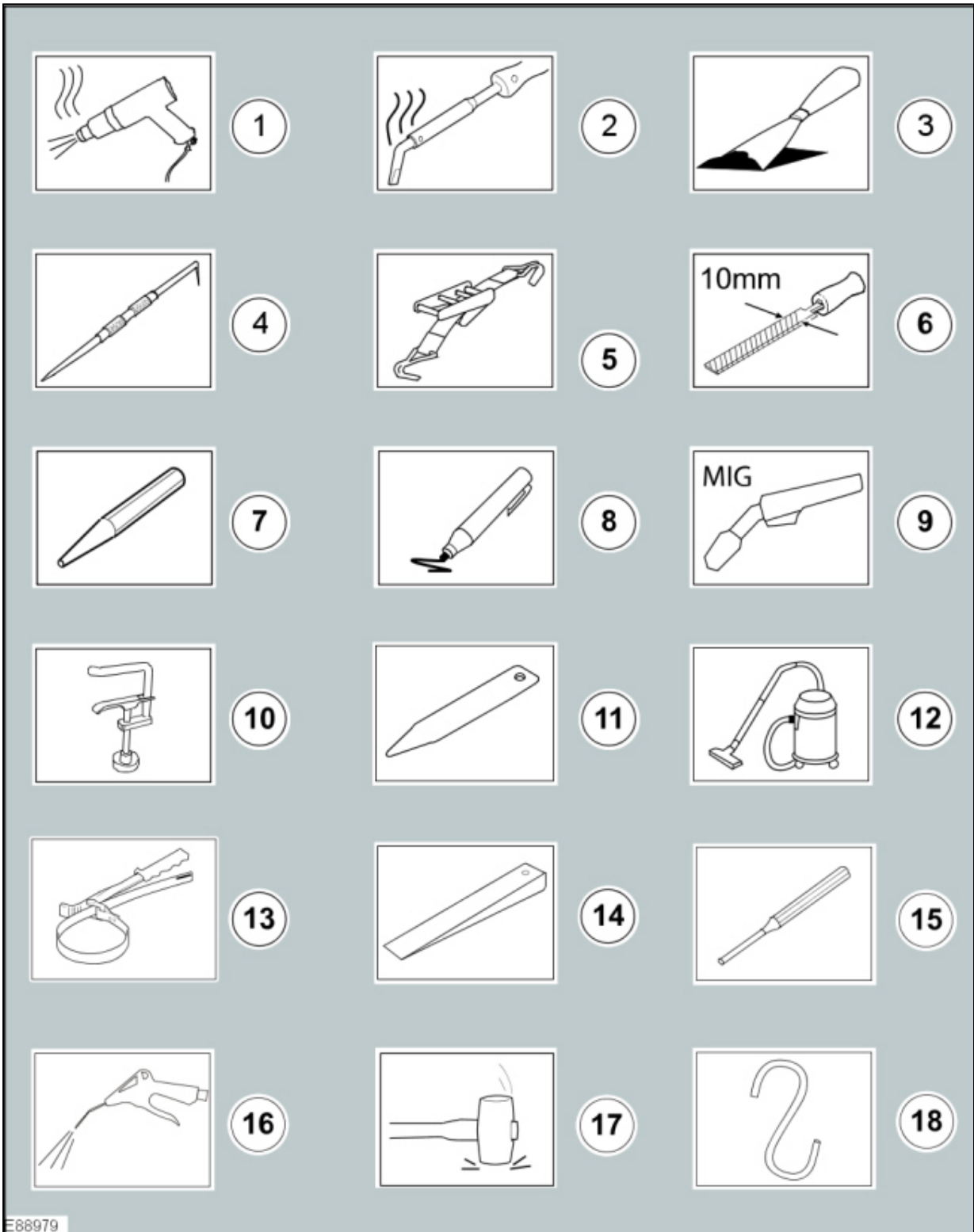
E88978

Item	Description
1	Measure the amperage using a digital multimeter
2	Measure the voltage using a digital multimeter
3	Measure the resistance using a digital multimeter
4	Measure the length or 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 with a stopwatch
8	Wait for the indicating amount of time
9	The minimum temperature for the specified task
10	The maximum temperature for the specified task
11	The allowable temperature range for the specified task
12	The required temperature for the task
13	Measure for the specified movement
14	Measure for movement not to exceed specified amount
15	Measure for the minimum-specified movement

General Equipment Symbols

The general equipment symbols specify which general equipment is used to carry out the procedure.



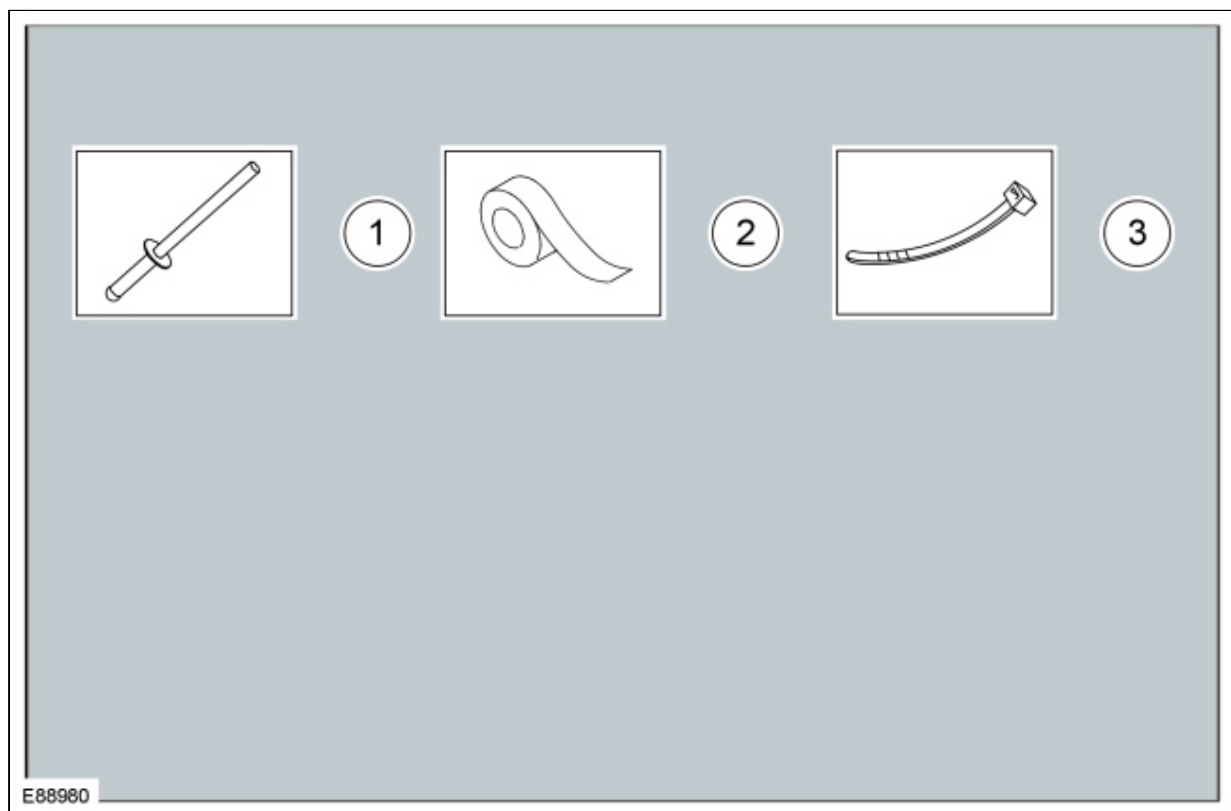
E88979

Item	Description
1	Hot air gun
2	Soldering iron
3	Putty knife or scraper
4	Awl or scriber
5	Hold-down or securing strap
6	File with specified size

7	Center punch
8	Marker
9	Metal Inert Gas (MIG) welder
10	Hose clamp
11	Trim tool
12	Shop vacuum
13	Strap wrench
14	Wedge
15	Pin punch

Material Symbols

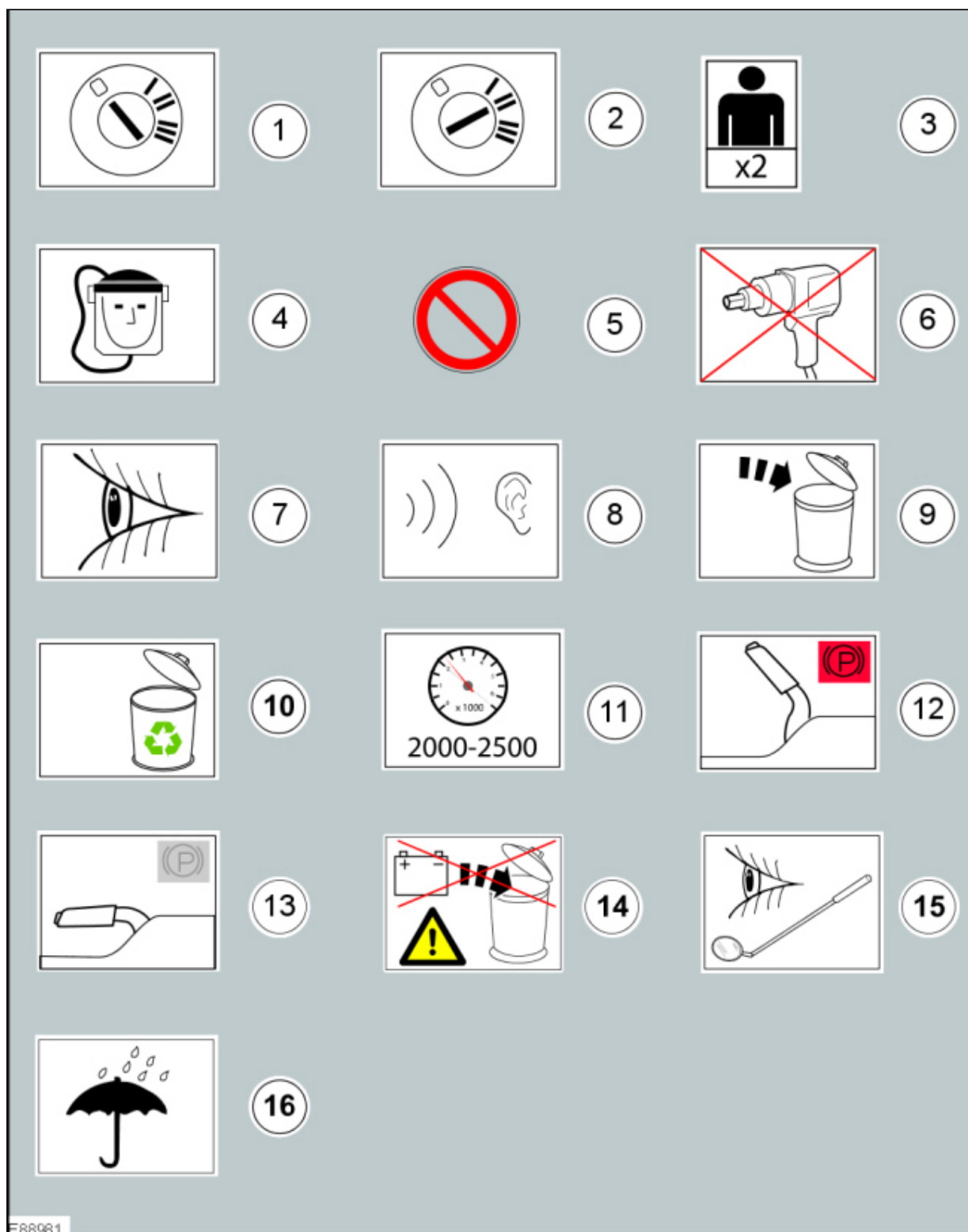
The material symbols are used to indicate where to use the specified material.



Item	Description
1	Remove or install a pop-rivet
2	Apply tape to specified area
3	Remove or install a cable tie

Miscellaneous Symbols

These symbols provide miscellaneous information required for the procedure.



E88981

Item	Description
1	Turn Ignition off
2	Turn Ignition on (run position)
3	This procedure requires the specified number of technicians
4	Respirator or self-contained breathing apparatus
5	Prohibited action used in combination with another symbol
6	Do not use power tools