

# Parts and Accessories.

## Installation Instructions.



### Compass interior automatic anti-dazzle rear-view mirror retrofit

**BMW 3 Series (E46) apart from BMW 3 Series Convertible (E46/C)**

**BMW 5 Series (E39, E60 and E61)**

**BMW 6 Series Coupé (E63)**

**BMW 7 Series (E38, E65 and E66)**

**BMW X3 (E83)**

**BMW X5 (E53)**

**These installation instructions are only valid for cars without SA 875 (infrared remote control).**

|                         |                 |
|-------------------------|-----------------|
| <b>Retrofit kit No.</b> | 51 16 0 028 300 |
|                         | 51 16 0 028 301 |
|                         | 51 16 0 304 487 |
|                         | 51 16 0 304 488 |

#### **Installation time**

The installation time is approx. 0.5 hours, but this may vary depending on the condition of the car and the equipment in it. The installation time will increase by approx. 1.0 hours for cars without SA 430 or SA 431.

#### **Important information**

These installation instructions are primarily designed for use within the BMW dealership organisation and by authorised BMW service companies.

In any event the target group for these installation instructions is specialist personnel trained on BMW cars with the appropriate specialist knowledge.

All work must be completed using the latest BMW repair manuals, circuit diagrams, servicing manuals and work instructions in a rational order using the prescribed tools (special tools) and observing current health and safety regulations.

**To avoid unnecessary extra work and/or costs, if any installation or function problems occur, after a brief troubleshooting session (approx. 0.5 hours), an inquiry is to be sent straight away to the technical parts support via the Aftersales Assistance Portal (ASAP), quoting the chassis number, the part number of the retrofit kit and a precise description of the problem.**

Do not archive the hard copy of these installation instructions since daily updates are made by ASAP.

See ASAP for details of the pictograms.

Subject to technical modifications.

#### **Ordering instructions**

The wiring harness for cars without SA 430 or SA 431 is not supplied with the retrofit kit and must be ordered separately (part No. 61 31 0 148 128).

### **List of special equipment**

The following special equipment must be taken into consideration when installing the upgrade kit:

**SA 430** Interior and exterior automatic anti-dazzle rear-view mirrors

**SA 431** Interior automatic anti-dazzle rear-view mirror

### **Special tools required**

None

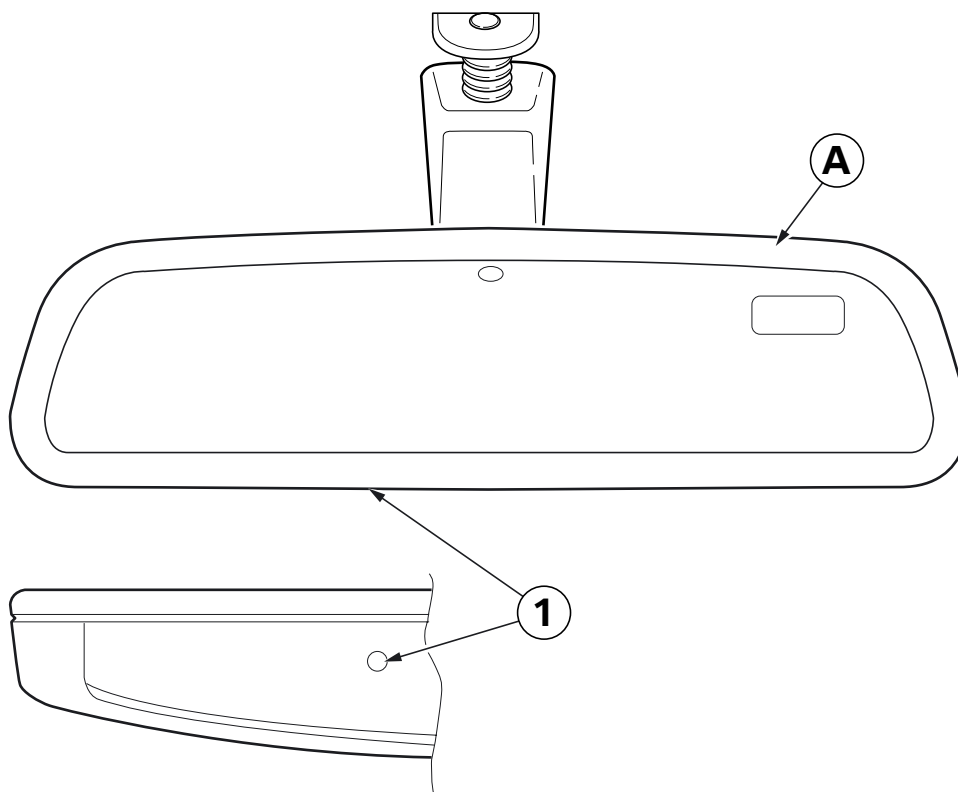
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## 1. Preparations

|  | TIS No.   |
|--|-----------|
| Conduct a brief test   | ---       |
| Disconnect the negative pole of the battery  | 12 00 ... |
| <b>The following components must be removed first of all</b>                                       |           |
| Replace the existing interior rear-view mirror with the compass interior rear-view mirror <b>A</b> | 51 16 060 |

## 2. To adjust and calibrate the compass interior rear-view mirror



046 2045 Z

**The compass interior rear-view mirror A must be calibrated and adjusted after its installation.**

**Step 1:** To calibrate the compass interior rear-view mirror A:

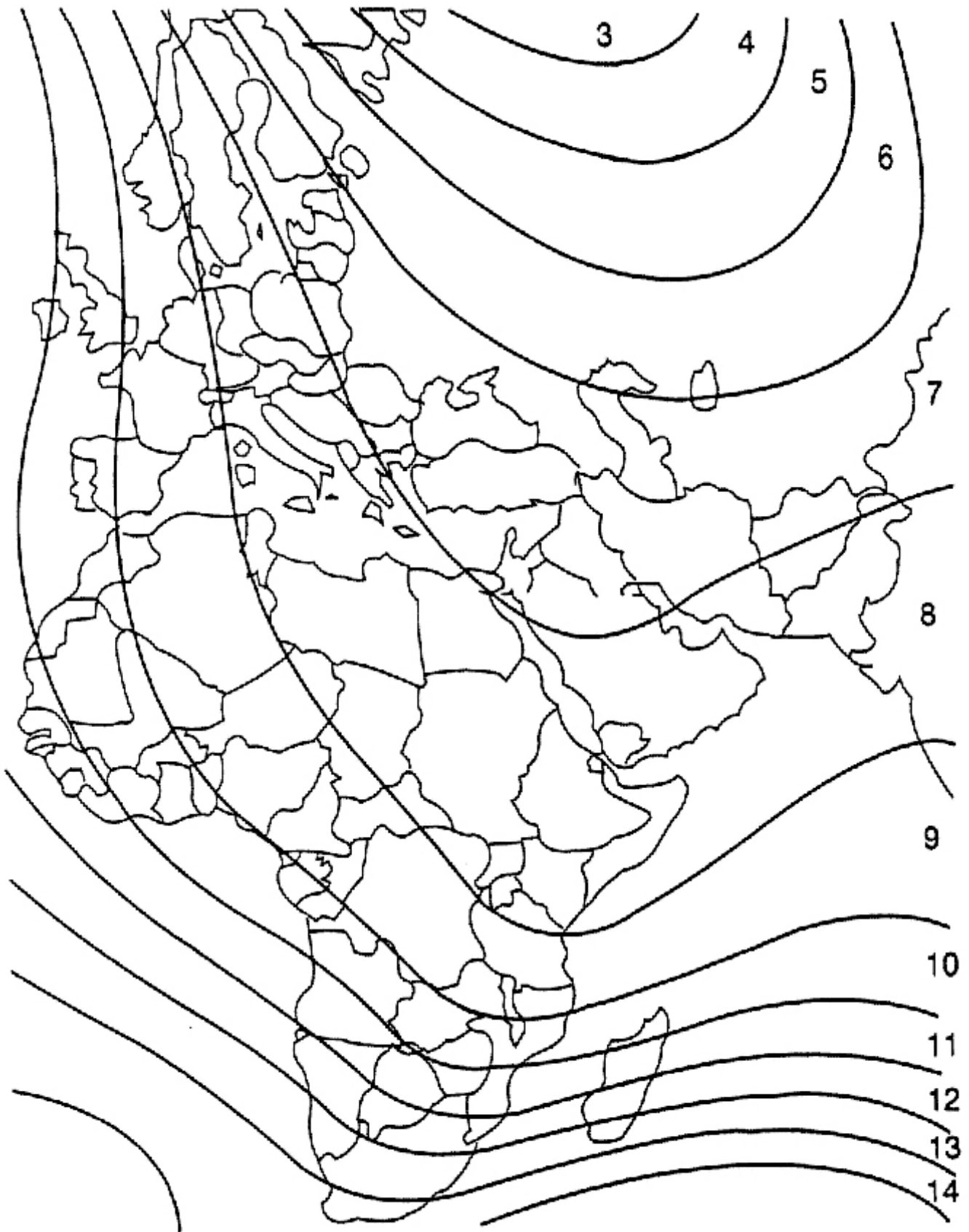
- Switch on the ignition.
- If "C" does not appear in the display, press the adjusting knob (1) on the underside of the compass interior rear-view mirror A for 6-7 seconds. "C" will then appear in the display.
- Drive in a circle (at least 360°) at a maximum speed of 7 kph until a direction is shown in the display.
- The compass is now ready for use.

**Step 2:** To adjust the compass zone:

- Press the adjustment knob (1) for 3-4 seconds. A number will be shown in the display. To change the zone setting, press the adjustment knob (1) until the required zone appears in the display (see world maps below with compass zones).
- The compass will be ready for use again after approx. 10 seconds.
- The factory setting for the compass zone is 8.

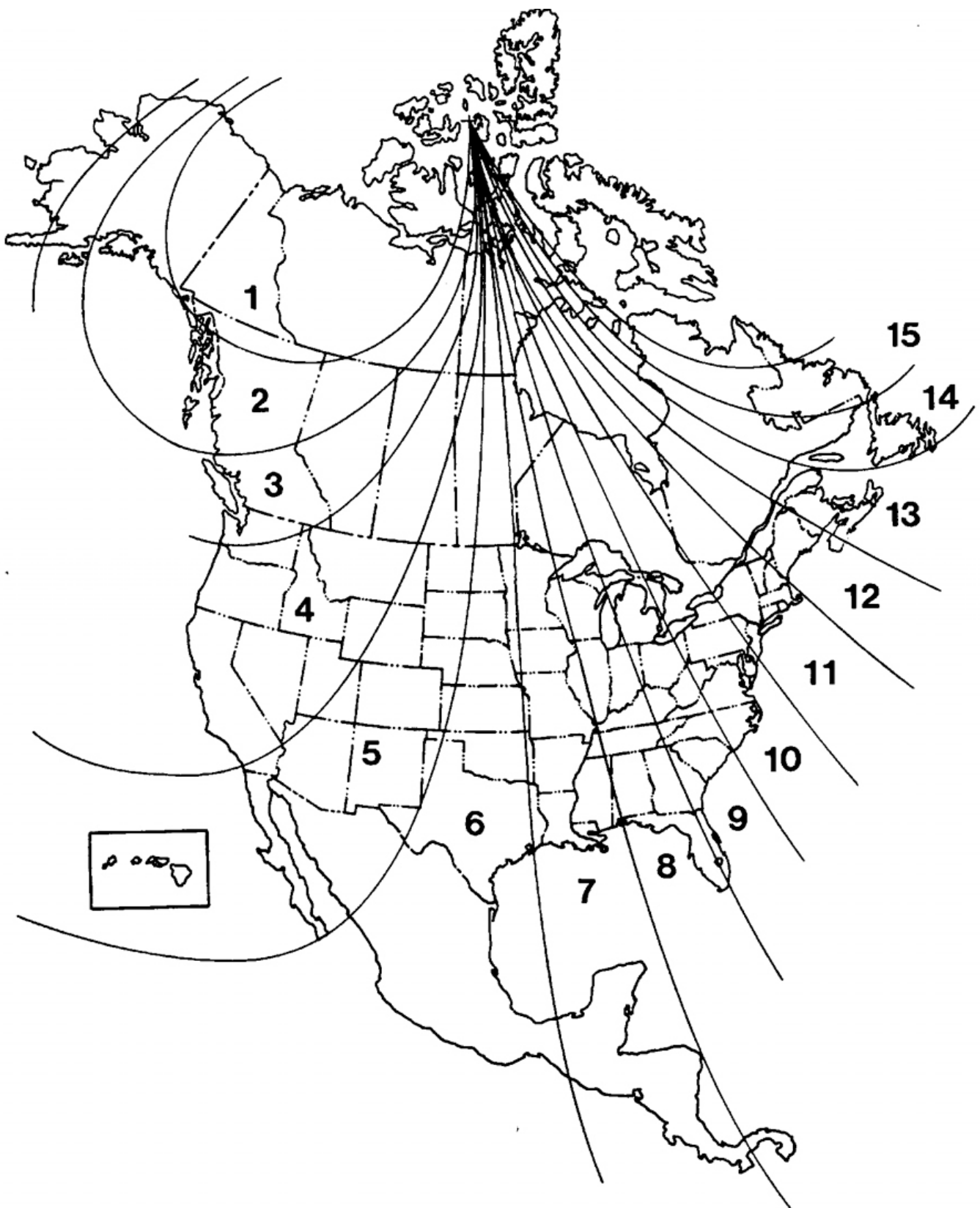
### 3. World maps with compass zones

#### Europe, Africa and West Asia



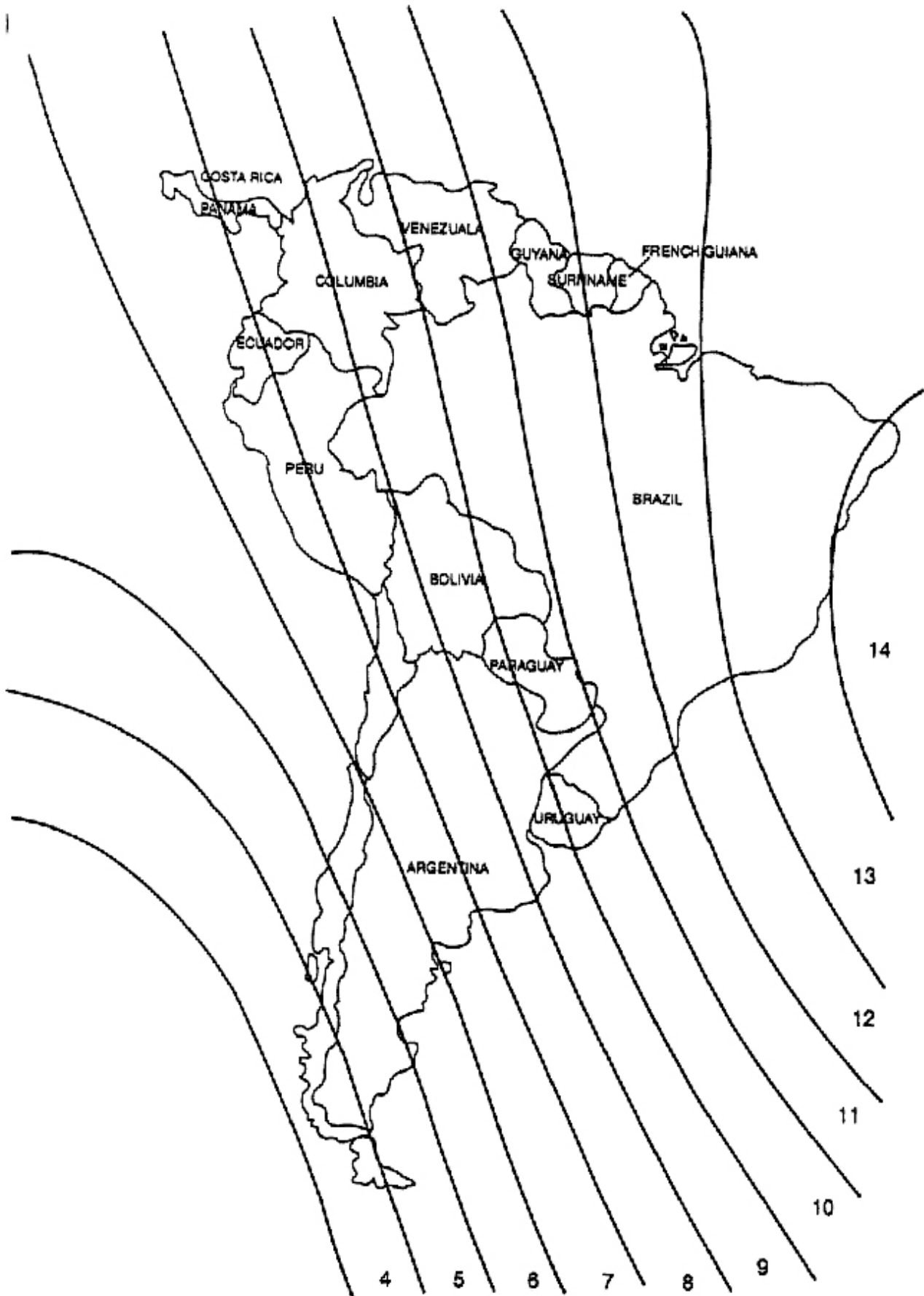
3. World maps with compass zones

**Canada, North and Central America**



3. World maps with compass zones

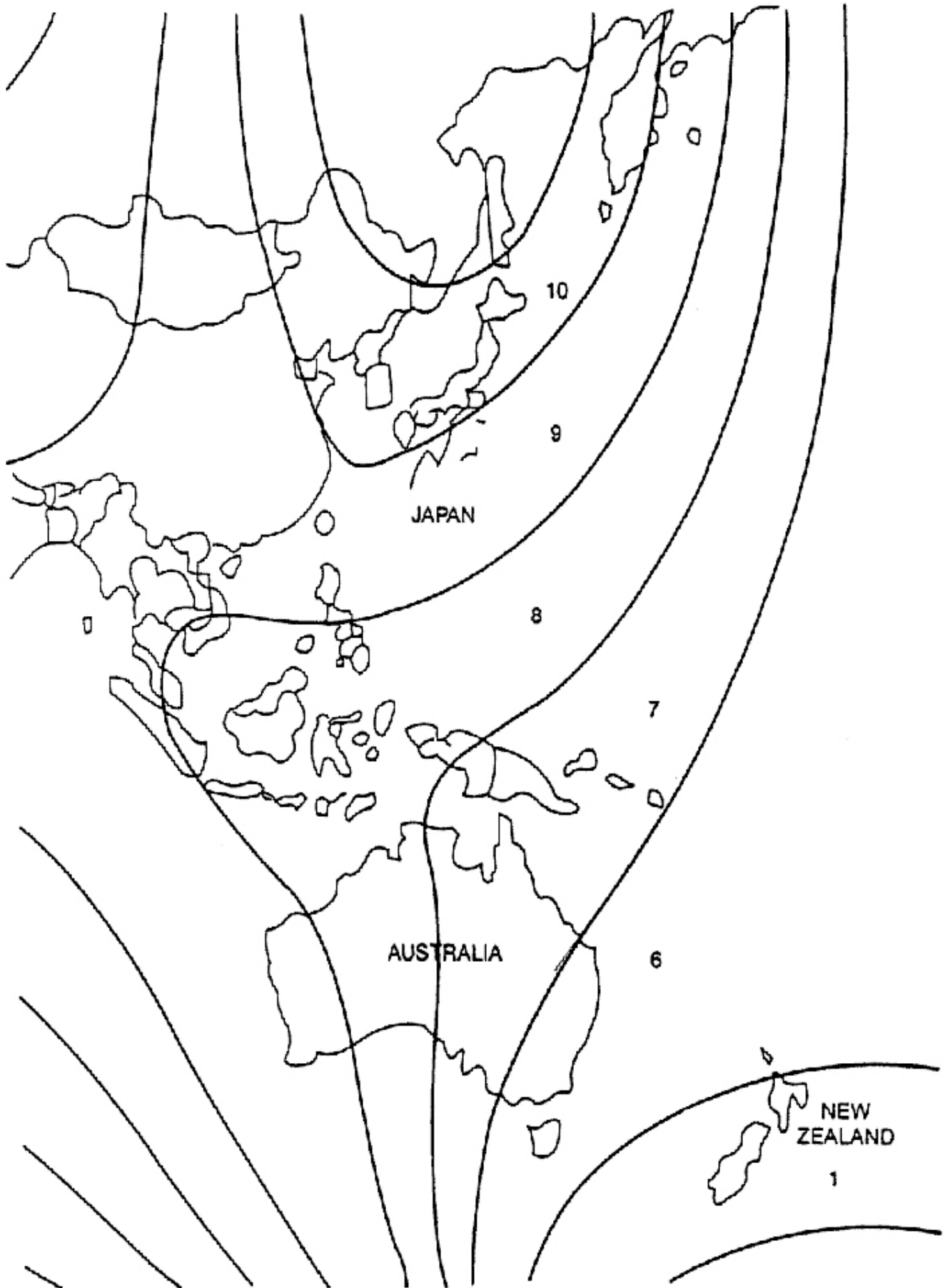
**South America**





3. World maps with compass zones

**East Asia and Australia**



#### **4. Concluding work and coding**

This retrofit system does not require coding.

- Connect the battery
- Conduct a brief test
- Conduct a function test
- Re-assemble the car