

Fuses and relays Ford Transit 6, 2006 - 2014

 car-box.info/ford/transit/6-2006-2014.html

Most of the power supply circuits of the electrical equipment of the American truck are protected by fuses. Powerful current consumers are connected via relays. Protective elements are installed in mounting blocks, which are located under the hood and in the passenger compartment.



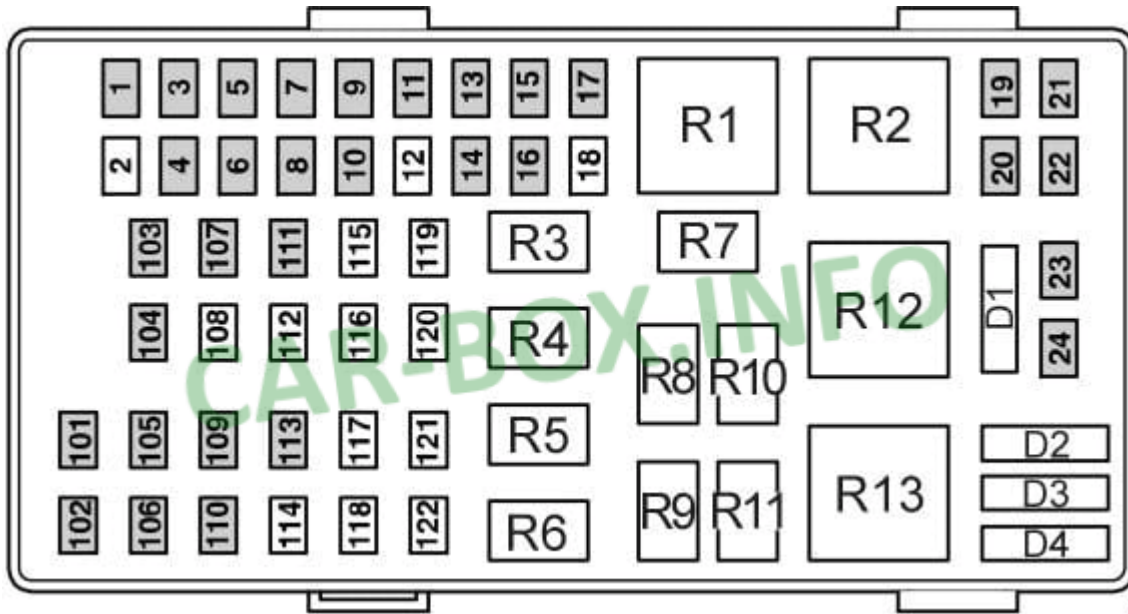
The information on the diagrams is relevant for the Ford Transit 6th generation models 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014 with gasoline and diesel engines.

In the engine compartment



The main mounting block is located on the right side of the engine compartment.

Diagram



No	Description	A
1	Mechanical transmission ASM	5
2	Spare	
3	Daytime running lights, low beam	20
4	Battery voltage sensor (diesel engines)	5
5	Fuel switch	20
6	Towing equipment	30
7	Sound signal	15
8	ABS (ABS brakes)	20
9	High beam headlights	20
10	Air conditioner	10
11	Windshield washers, rear window washers	20
12	Spare	
13	Multi-function lever, windshield wipers	30
14	Reversing lights	15
15	Engine immobilizer control module	5
16	Electronic engine control	5

Diagram

17	Towing equipment	30
18	Spare	
19	Mechanical transmission ASM	5
20	Mechanical transmission ASM	15
21	Engine management	20
22	Gasoline pump	20
23	Dipped headlights, right side	10
24	Dipped headlights, left side	10
101	ABS	40
102	Heated windshield, left side	40
103	Main power supply of the electrical system	50
104	fifty	
105	Engine cooling fan (2.0 l diesel engines and 2.3 l DOHC engines)	40
106	Ignition	30
107		
108	Spare	
109	Engine cooling fan (2.0 l diesel engines and 2.3 l DOHC engines)	40
110	Heated windshield, right side	40
111	Ignition	30
112	Spare	
113	Mechanical transmission ASM	40
114	Active suspension compressor relay	30
115	Spare	
116	Spare	
117	Spare	
118	Spare	
119	Spare	

Diagram

120	Spare
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121	Spare
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122	Spare
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Relay assignment

R1	starter
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R2	Glow plug relay
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	Cooling fan relay
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R3	horn
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R4	High beam relay
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R5	generator
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R6	low beam headlights
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R7	Engine control relay
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R8	Relay for checking the health of lamps (cars without ABS)
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R9	TDdi: Fuel pump relay TDci: Injector module
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R10	Air conditioning relay (fully open throttle position)
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R11	Low pressure fuel pump relay
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R12	Cooling fan
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R13	Ignition
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Diodes

D1	-
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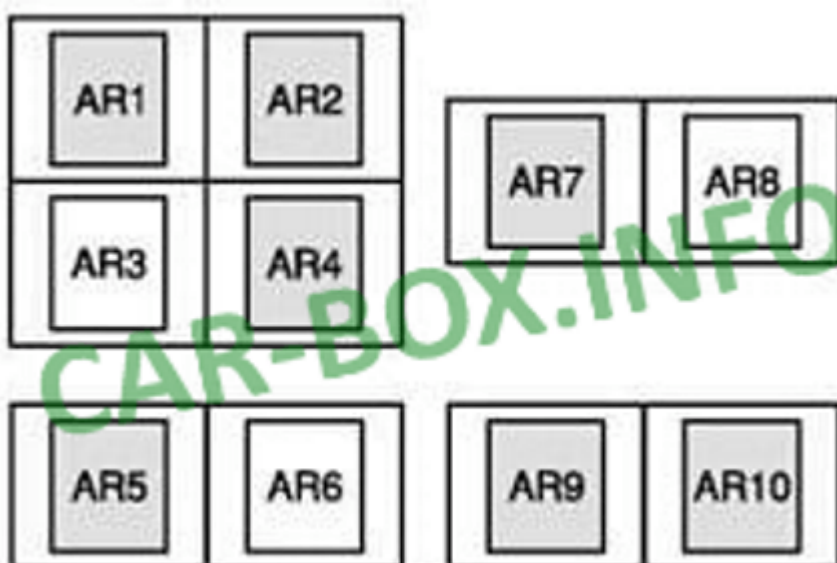
D2	-
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D3	Trailer connector or A / C compressor coupling
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D4	Trailer connector or A / C indicator
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Under the fuse box there is an additional. block with relay modules.

Diagram



AR1 Towing equipment

AR2 Right direction indicator (depending on model variant)

AR3 No

AR4 Left turn signal (depending on model variant)

AR5 High speed cooling fan (vehicles with 2.4L diesel engines and rear air conditioning)

AR6 No

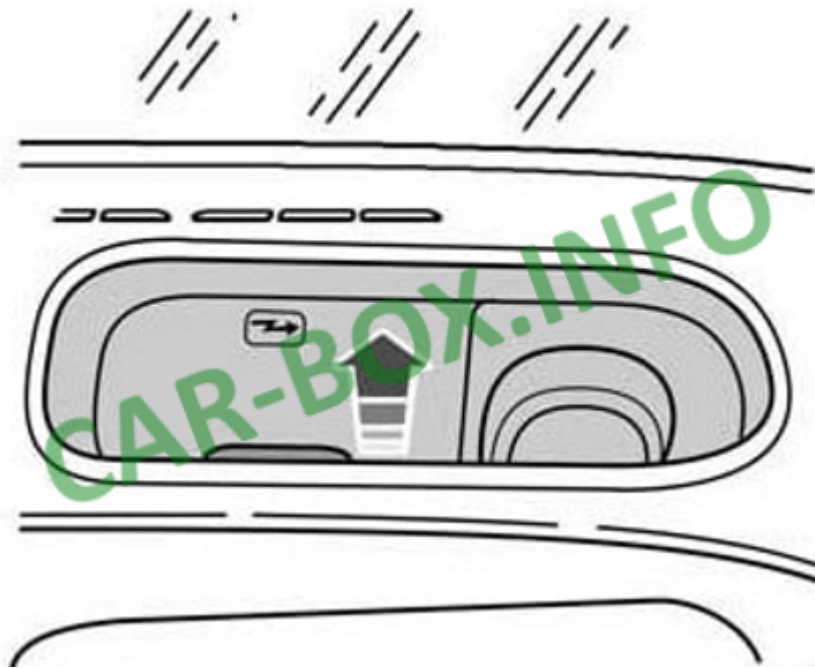
AR7 High speed cooling fan (2.0L diesel engines and DOHC engines)

AR8 No

AR9 Manual transmission with automatic gear shifting

AR10

In the cabin



The main unit is located under the stowage compartment on the passenger side, in the instrument panel. To access it, you need to lift the glove compartment case using the handle.



An additional mounting block is located under the driver's seat.

Diagram of the main cabin block Ford Transit 6

Diagram of the main cabin block Ford Transit 6

Upper section diagram

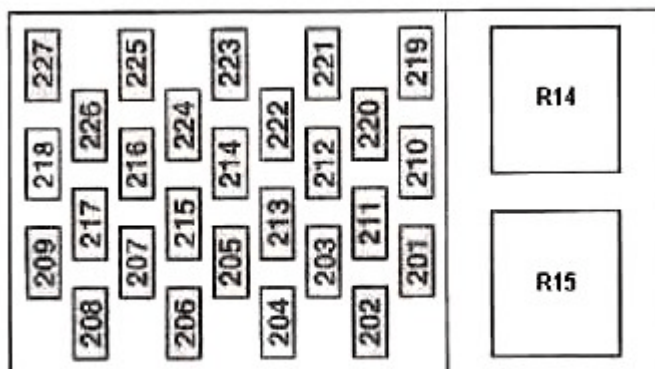
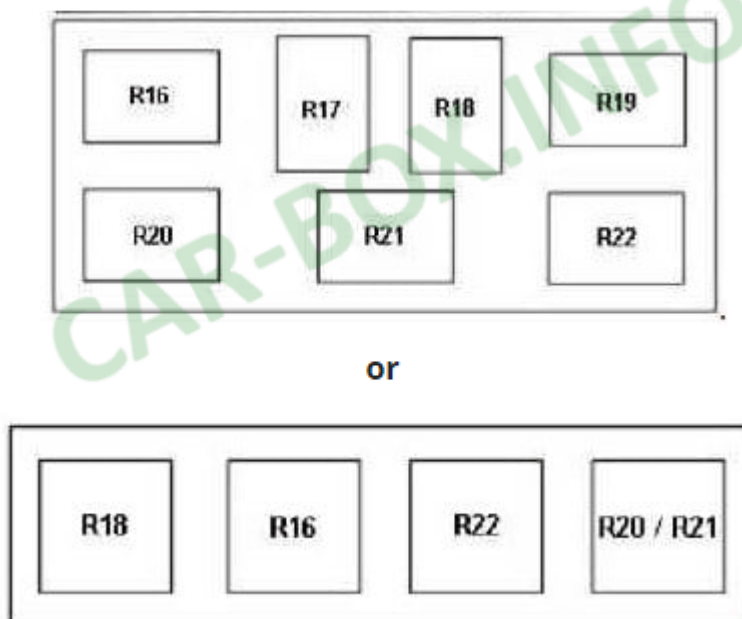


Diagram of the lower section of the relay



№	Description
201	15A Instrument panel, rear window wiper, clock
202	5A Heated windshield
203	20A Fog lights / lights
204	Reserve
205	15A Lighting control, direction indicators, multifunction lever, engine control, ignition
206	5A License plate illumination lamp
207	10A Airbag module
208	10A Illumination of the instrument panel

Diagram of the main cabin block Ford Transit 6

209	15A Side lights
210	15A Tachometer, hours
211	30A Rear heater fan motor
212	10A Cigarette lighter
213	10A Rear air conditioning
214	15A Interior lighting, power mirrors
215	20A Heated windshield, heated front seats, additional heater
216	20A Power sockets for connecting additional equipment
217	15A Heated rear window, heated exterior mirrors
218	Reserve
219	30A Power windows
220	20A Heated rear window
221	15A Brake light switch
222	15A Audio system
223	30A Heater fan motor
224	20A headlight switch
225	15A Air conditioner
226	20A Hazard warning lights, direction indicators
227	5A Audio system, ABS

Relay

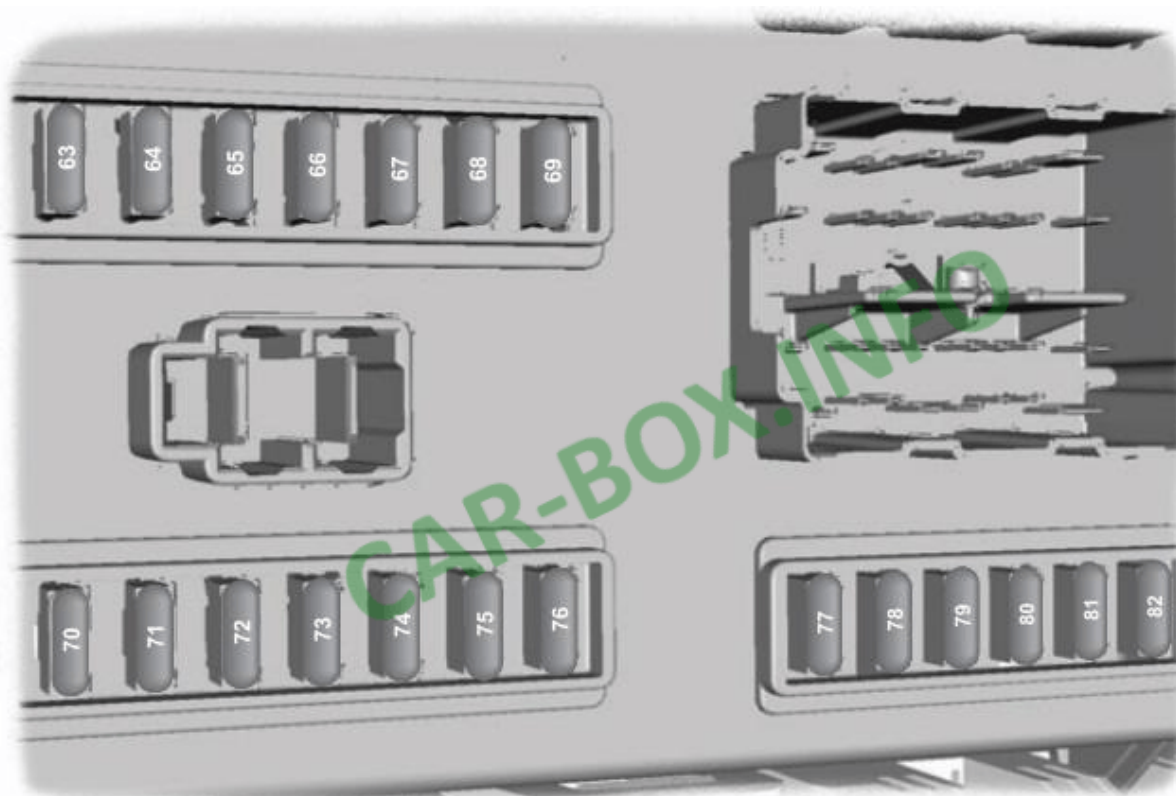
R14	Wiper relay
R15	Relay for auxiliary ignition circuits
R16	Heated windshield relay, right side
R17	Rear door buzzer
R18	Interior lighting
R19	Rear door buzzer
R20	Windshield heater relay, left side (timer relay)

Diagram of the main cabin block Ford Transit 6

R21 Rear wiper relay

R22 Heated rear window, mirrors relay

Fuse diagram of the additional block under the driver's seat



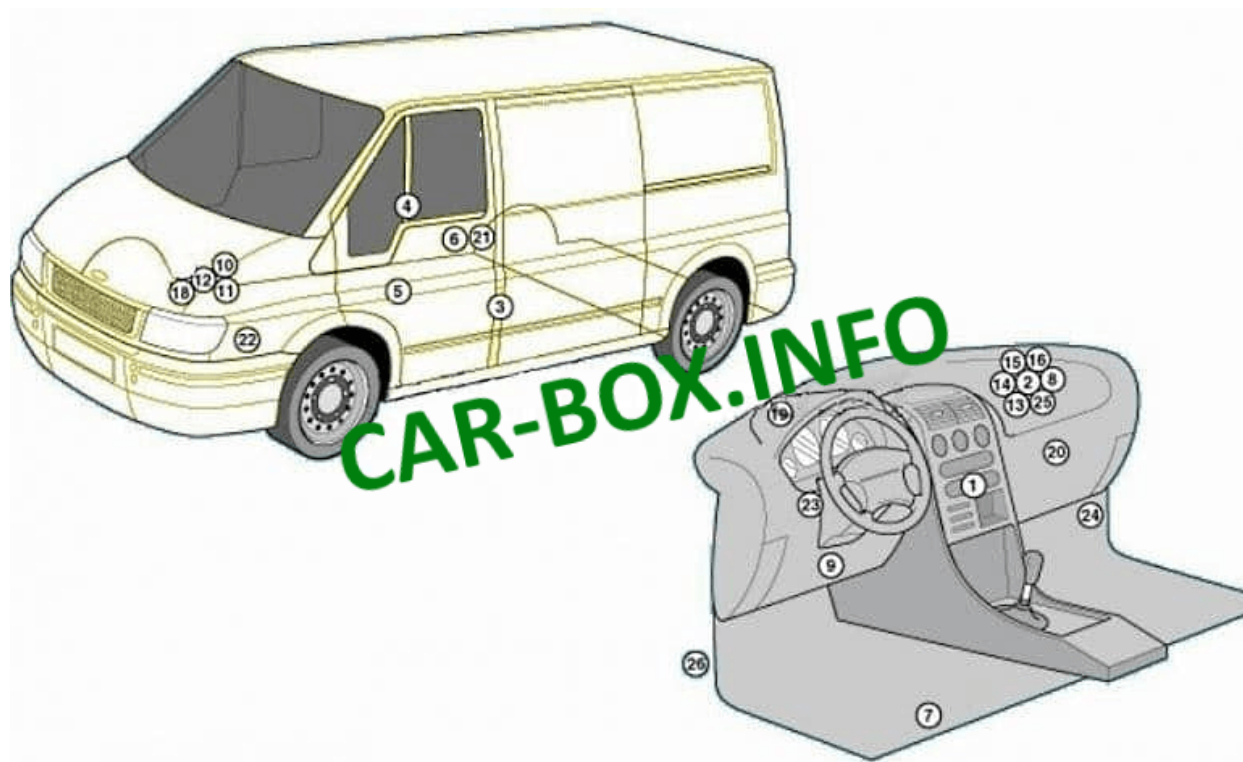
№	Description	A
63	Reverse parking assist, rain sensor	5
64	Accelerator Pedal Position Sensor	2
65	Brake light switch	15
66	Instrument panel, power supply of the PATS security system, tachograph, control panel backlight	5
67	Washer pump	15
68	Restraint systems control unit	10
69	External lighting switch (KL15)	20
70	Sonar with emergency power supply	20
71	External lighting switch (KL30)	5

Fuse diagram of the additional block under the driver's seat

72	Power supply for the battery power consumption regulator, OBDII (KL30)	10
73	Power supply for audio and navigation systems and mobile phone	15
74	Instrument panel, auxiliary heater timer, keyless entry system power supply, interior motion sensor (KL30)	5
75	Side lights on the right side	7.5
76	Side lights on the left side	7.5
77	Ignition switch power supply, battery disconnection sensor coil power supply	5
78	Centralized locking system	15
79	License plate light, side marker lights	7.5
80	Front fog lights	15
81	Rear fog lights	10
82	Regular power supply of the audio unit and instrument panel	3

General arrangement

Location of the electronic control units.



1 Air conditioner electronic control unit

2	Anti-theft control unit
3	Anti-theft alarm horn 1
4	Anti-theft alarm horn 2
5	Additional heater - bottom (if any)
6	Additional heater control unit - if installed
7	Battery - under the seat
8	Central locking control unit - in the anti-theft system control unit
9	Diagnostic connector (DLC)
10	Fuse / relay box, engine compartment 1
11	Fuse / relay box, engine compartment 2
12	Fuse / relay box, engine compartment 3
13	Fuse / relay box dashboard 1
14	Fuse / relay box dashboard 2
15	Additional fuse (15A), anti-theft system control unit
16	Additional fuse (15A), anti-theft system control unit
17	Additional fuse (40A), engine management system - near the battery
18	Additional fuse (70 / 80A), engine management system - near the battery
19	Heater / A / C blower motor relay
20	Heater blower motor resistor, front
21	Heater blower motor resistor, rear
22	Sound signal
23	Relay - gate indicator interrupter
24	Inertia Fuel Cut Off Switch - If Equipped
25	Parking system control unit
26	SRS electronic control unit