INTRODUCTION

OUTLINE OF NEW FEATURES

1. Model Line-up

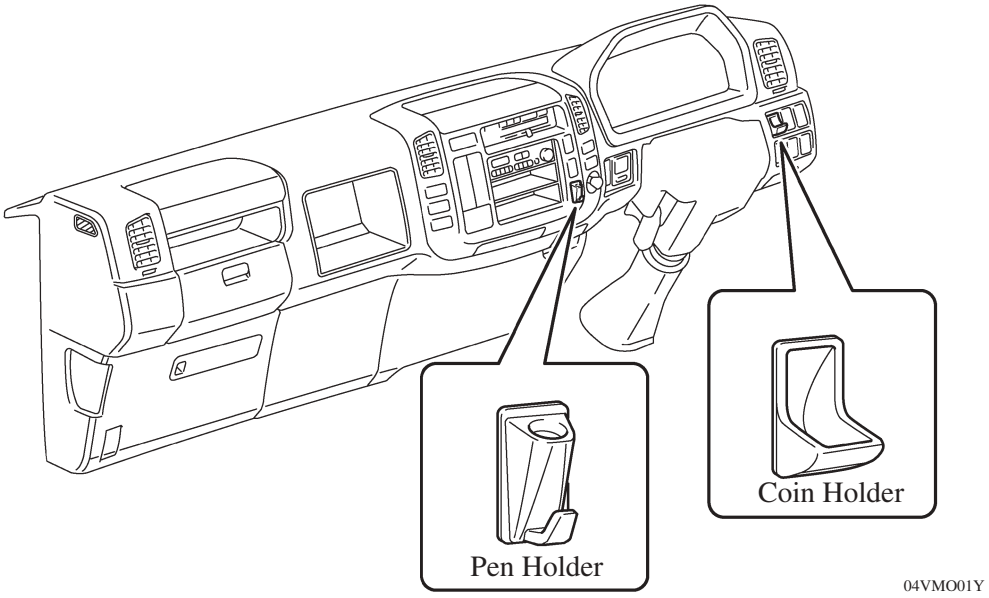
- The following engine models have been discontinued: 14B, 15B-FTE, N04C-TF, N05C-B, S05C-TA, S05C-B, and S05C-TB.
- The following new engine models have been introduced: N04C-TQ, N04C-TU, W04D-TM, W04D-TN, and N04C-TT.
- The W04D-J engine, which is used on the G.C.C. countries models, has been introduced for the general countries models.

2. Exterior

- The design of the radiator grille has been changed on all models. For details, see page 16.
- The same headlights and front fog lights as the Europe models are used for the Taiwan models.
- The two types of rear combination lights have been changed to one type. For details, see page 16.

3. Interior

- A coin holder is provided in the switch space on the driver side of the instrument panel on all models.
- A pen holder is provided in the switch space of the center cluster on all models.



RHD Wide Cab Model

4. W04D-TM and W04D-TN Engines

- Along with the provision of a turbocharger, the W04D-J models are equipped with the injection pump of the previous S05C-B engine models.
- An aneroid compensator is used on the high-altitude specification models for general countries.
- The shape of the fuel injector has been changed.

5. N04C-TQ, N04C-TT and N04C-TU Engines

N04C-TQ, N04C-TT and N04C-TU engines are newly added.

6. Manual Transmission

5-speed Manual Transmission

The M150, H350, and H351 5-speed manual transmissions have been discontinued. The M153, M550, and MYY5A 5-speed manual transmissions have been carried over.

Destination	G.C.C. Countries			
Model	New		Previous	
Engine Type	W04D-J	W04D-TN	W04D-J	S05C-B
Transmission Type	M153	M550	M153	H351

Destination	Taiwan		
Model	New		Previous
Engine Type	N04C-TU		15B-FTE
Transmission Type	M550	MYY5A	H350

Destination	General Countries					
Model	New		Previous			
Engine Type	W04D-J	W04D-TM, W04D-TN, N04C-TT	14B	W04D-J	S05C-B, S05C-TA	S05C-TB
Transmission Type	M153	M550	M150, M153	M153	H351	H350

6-speed Manual Transmission

- The Europe models have discontinued the H260 6-speed manual transmission, and newly use the MYY6S 6-speed manual transmission. For details, see page 75.
- The G.C.C. countries models with the 8.5-ton gross vehicle weight rating newly use the MYY6S 6-speed manual transmission.

Destination	Europe	
Model	New	Previous
Engine Type	N04C-TQ	S05C-TB
Transmission Type	MYY6S	H260

Destination	G.C.C. Countries	
Model	New	Previous
Engine Type	W04D-TN	—
Transmission Type	MYY6S	—

7. Transmission Power Take-off

In addition to the previous manual shift type and vacuum shift type transmission power take-offs, an electric shift type transmission power take-off (20 kg-m) is newly provided on the following models. For details on the electric shift type transmission power take-off, see page 77.

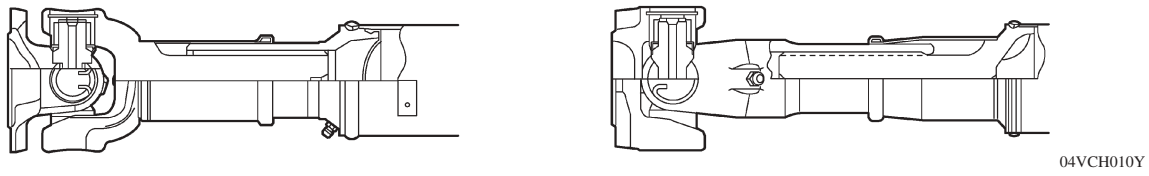
Destination	Transmission Type	Wheel Base mm (in.)	GVWR	Electric Shift Type Transmission Power Take-off
G.C.C. Countries	MYY6S	3430 (135.04)	8.5 t	Option
		3870 (152.36)		Option
Taiwan	MYY5A	2525 (99.41)	6.5 t	Standard
		2800 (110.23)	8.0 t	Option
		3400 (133.86)		Option

8. Propeller Shaft

On all models, the propeller shaft has been changed as follows for weight reduction and improved rigidity.

- The center bearing has been made compact for weight reduction.
- The sliding joint of the propeller shaft has been changed to improve flexural rigidity. In addition, this change has enabled the sliding portion to be shortened, resulting in weight reduction.

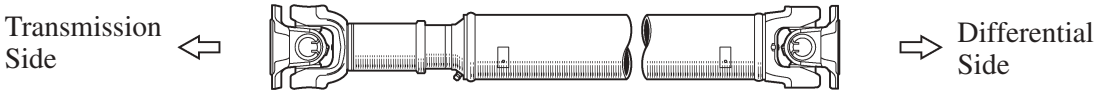
▶ Slide Portion ◀



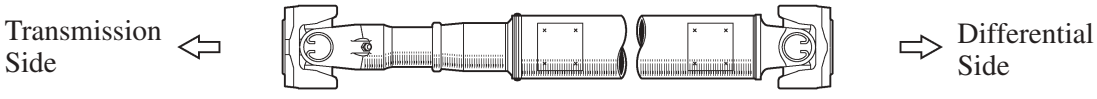
04VCH010Y

New Model **Previous Model**

▶ 2-joint Propeller Shaft ◀



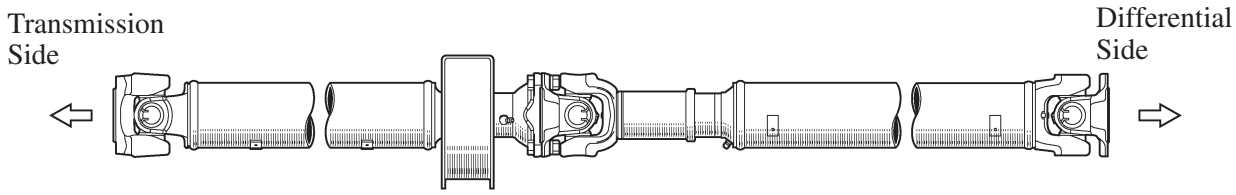
New Model



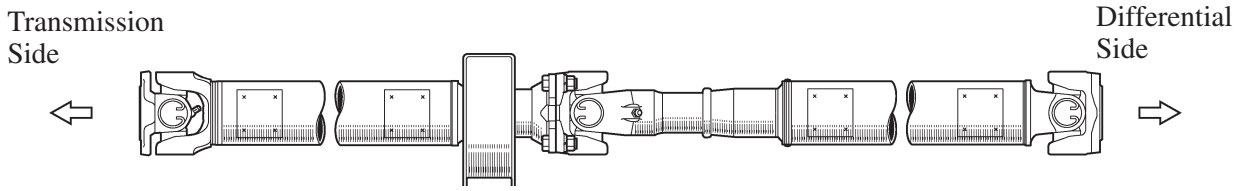
04VCH007Y

Previous Model

▶ 3-joint Propeller Shaft ◀



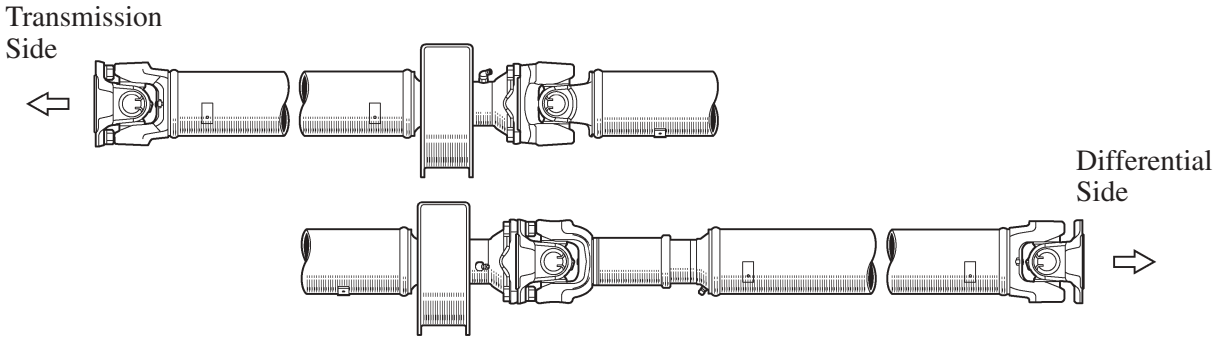
New Model



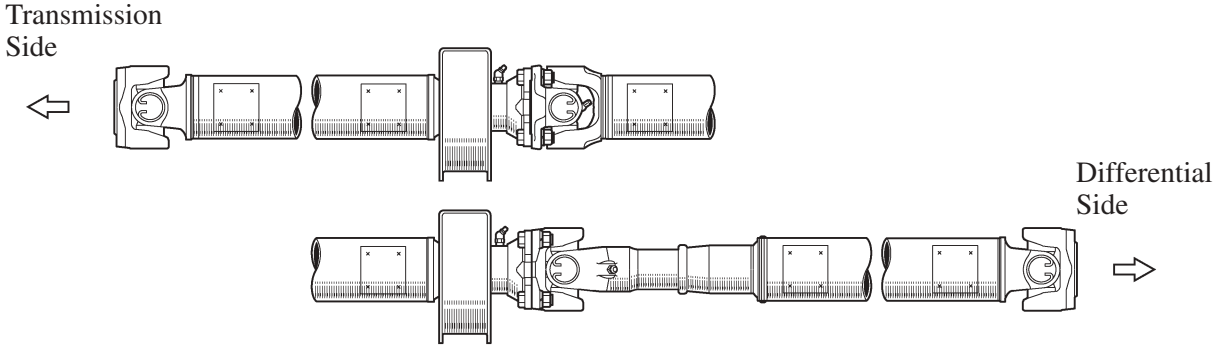
04VCH008Y

Previous Model

▶ 4-joint Propeller Shaft ◀



New Model



Previous Model

04VCH009Y

9. Differential

Along with the changes in the transmission and propeller shaft, the differential gear ratios have been changed. They are provided as follows.

<table>
<tr><th rowspan="2">Destination</th><th rowspan="2">Transmission Type</th><th rowspan="2">Wheel Base mm (in.)</th><th rowspan="2">GVWR</th><th colspan="2">Differential Gear Ratio</th></tr>
<tr><th>Standard</th><th>Option</th></tr>
<tr><td rowspan="3">Europe</td><td rowspan="3">MYY6S</td><td>3430 (135.04)</td><td rowspan="3">7.5 t</td><td rowspan="3">5.125</td><td rowspan="3">4.875,
5.375</td></tr>
<tr><td>3870 (152.36)</td></tr>
<tr><td>4200 (165.35)</td></tr>
<tr><td rowspan="8">G.C.C. Countries</td><td rowspan="3">M153</td><td rowspan="2">2525 (99.41)</td><td>4.8 t and 5.1 t</td><td>5.125</td><td>5.375</td></tr>
<tr><td rowspan="2">5.5 t</td><td rowspan="2">5.375</td><td rowspan="2">5.571</td></tr>
<tr><td>3400 (133.86)</td></tr>
<tr><td rowspan="3">M550</td><td rowspan="3">3430 (135.04)</td><td>6.5 t</td><td>5.571</td><td>5.833</td></tr>
<tr><td rowspan="2">7.5 t</td><td rowspan="2">5.833</td><td>5.571</td></tr>
<tr><td>3870 (152.36)</td><td>6.167</td></tr>
<tr><td rowspan="2">MYY6S</td><td>3430 (135.04)</td><td rowspan="2">8.5 t</td><td rowspan="2">6.428</td><td rowspan="2">5.857</td></tr>
<tr><td>3870 (152.36)</td></tr>
<tr><td rowspan="6">Taiwan</td><td rowspan="3">M550</td><td rowspan="2">2525 (99.41)</td><td>5.5 t</td><td>4.875</td><td rowspan="6">—</td></tr>
<tr><td rowspan="3">6.5 t</td><td>5.125</td></tr>
<tr><td>2800 (110.23)</td><td rowspan="3">5.571</td></tr>
<tr><td rowspan="3">MYY5A</td><td>2525 (99.41)</td></tr>
<tr><td>2800 (110.23)</td><td rowspan="2">8.0 t</td></tr>
<tr><td>3400 (133.86)</td></tr>
<tr><td rowspan="12">General Countries</td><td rowspan="6">M153</td><td rowspan="2">2525 (99.41)</td><td>4.8 t and 5.1 t</td><td>5.375</td><td>5.125,
5.571</td></tr>
<tr><td>5.5 t</td><td>5.571</td><td>5.833</td></tr>
<tr><td rowspan="2">3400 (133.86)</td><td rowspan="3">6.5 t</td><td>6.167</td><td rowspan="2">6.500</td></tr>
<tr><td rowspan="2">3430 (135.04)</td><td rowspan="2">5.833</td></tr>
<tr><td>6.167</td></tr>
<tr><td>7.5 t</td><td>6.167</td><td>6.500</td></tr>
<tr><td rowspan="6">M550</td><td rowspan="2">2525 (99.41)</td><td>4.8 t and 5.1 t</td><td>5.125</td><td>5.375</td></tr>
<tr><td>5.5 t</td><td>5.571</td><td>5.833</td></tr>
<tr><td rowspan="2">3400 (133.86)</td><td>6.5 t</td><td>6.167</td><td>6.500</td></tr>
<tr><td rowspan="3">3430 (135.04)</td><td>5.5 t</td><td>5.125</td><td>—</td></tr>
<tr><td>6.5 t</td><td rowspan="2">5.833</td><td rowspan="2">6.167,
6.500</td></tr>
<tr><td>7.5 t*</td></tr>
<tr><td>3870 (152.36)</td><td colspan="3"></td></tr>
</table>

*: The differential gear ratio for the N04C-TT engine models is 6.167, and no options are available.

10. Suspension

On the wide cab W04D-J engine models for the G.C.C. countries, the number of leaf springs has been changed for weight reduction.

Model	New	Previous
Suspension Type	Multi Leaf	←
Number of Front Leaf Spring	4	5
Number of Rear Leaf Spring	4 + 4	5 + 5

11. Brake

- On all models for Europe, disc brakes are used for the front and rear brakes.

Model			New	Previous
Front Brake	Type		Ventilated Disc	Two Leading Drum
	Rotor Size (D x T)*	mm (in.)	287 x 40 (11.30 x 1.57)	—
	Drum Inner Diameter	mm (in.)	—	320 (12.60)
	Pad Area	cm^2 ($in.^2$)	90 (14.4)	—
	Lining Area	cm^2 ($in.^2$)	—	284 (45.44)
	Wheel Cylinder Diameter	mm (in.)	53.97 (2.12) x 2	30.16 (1.19)
Rear Brake	Type		Ventilated Disc	Dual Two Leading Drum
	Rotor Size (D x T)*	mm (in.)	287 x 40 (11.30 x 1.57)	—
	Drum Inner Diameter	mm (in.)	—	320 (12.60)
	Pad Area	cm^2 ($in.^2$)	90 (14.4)	—
	Lining Area	cm^2 ($in.^2$)	—	315 (50.40)
	Wheel Cylinder Diameter	mm (in.)	53.97 (2.12) x 2	30.16 (1.19)

*: (Diameter x Thickness)

Service Tip

On the disc brake models, the fluid level in the brake fluid reservoir tank decreases with the wear of the disc pads. Make sure to check the fluid level regularly because it decreases more quickly than on the previous drum brake models. When the fluid level decreases below a predetermined level, the brake warning light will illuminate.

- On all models for Europe, an EBD (Electronic Brake force Distribution) function has been added to the brake control system (ABS [Anti-lock Brake System]), which is standard equipment. For details, see page 79.
- On all models for Europe, the detection condition of the skid control ECU, in case of a speed sensor malfunction, has been changed.

Speed Sensor Malfunction Detection Condition	At a vehicle speed of 12 km/h (7.5 mph) or more, an open or short in the sensor signal circuit continues for 1 second or more.

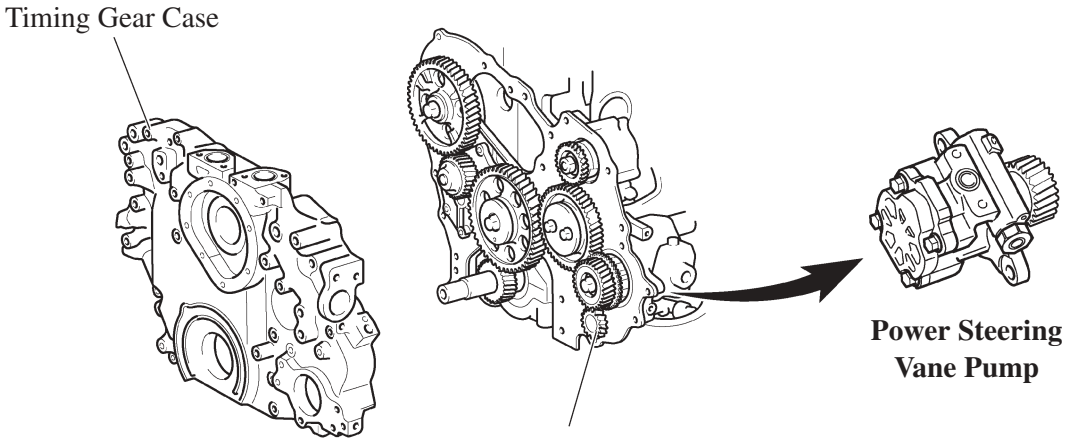
- The warning light illumination pattern in case of a malfunction in the master cylinder pressure sensor has been changed. In case of a malfunction in the master cylinder pressure sensor, the ABS function is able to effect control, but the EBD function stops its control.

○: Light ON —: Light OFF

Model	New	Previous
Brake Warning Light	○	○
ABS Warning Light	○	—

12. Steering

- On all models with power steering, the steering gear has been changed. For details, see page 80.
- The wide cab RHD models with the power steering newly use a damper valve mechanism. For details, see page 81.
- Along with the changes in the engine and the power steering gear, the following vane pump has been newly provided.



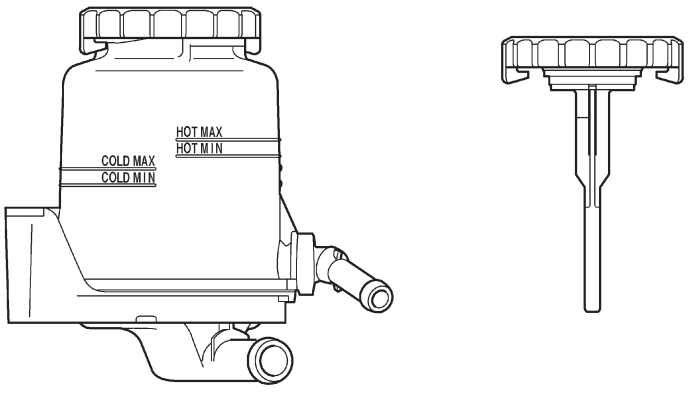
N04C-TQ Engine Model 04VCH011Y

▶ Specifications ◀

Engine Type	GVWR	Relief Pressure
W04D-J	4.8 t – 7.5 t	9.3 Mpa
W04D-TM, W04D-TN	less than 6.5 t	9.3 Mpa
	6.5 or more	11.3 (9.3*) Mpa
N04C-TQ	7.5 t	9.3 Mpa
N04C-TT	5.5 t	9.3 Mpa
	7.5 t	11.3 Mpa
N04C-TU	6.5 t or less	9.3 Mpa
	8.0 t	11.3 Mpa

*: Regular Cab Models

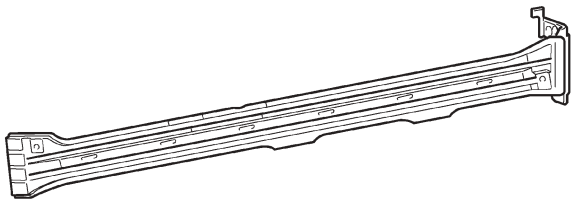
- The reservoir tank has been made compact and provided with a reservoir tank cap that is integrated with a fluid level gauge.



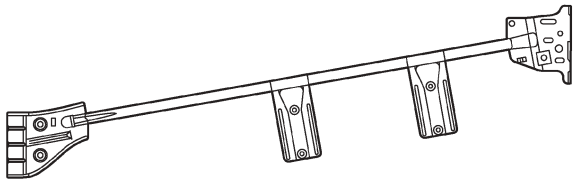
Reservoir Tank **Reservoir Tank Cap** 04VCH012Y

13. Body

- On all models, the shape of the side impact beam has been changed from the pipe type to the corrugated panel type.



New Model 04VBO001Y

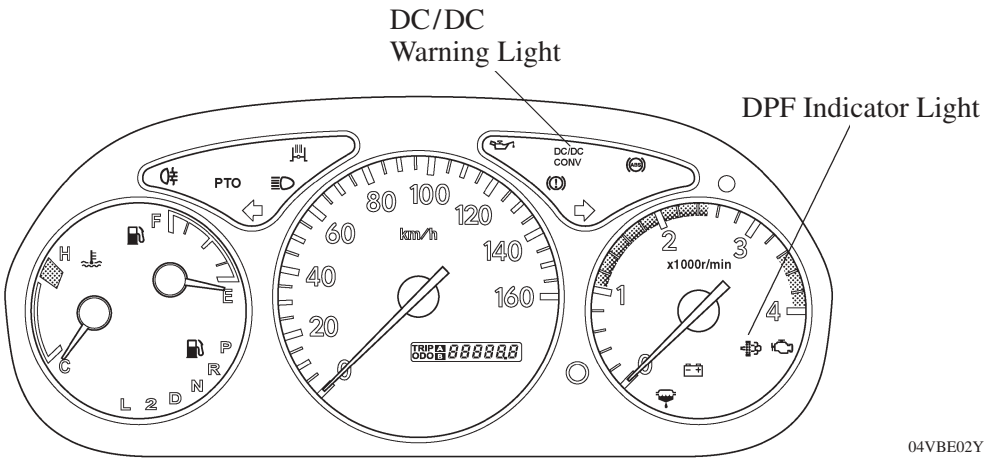


Previous Model 04VBO002Y

- On the W04D-J engine models for the G.C.C. countries, the large rear bumper has been changed from aluminum to steel.

14. Combination Meter

- On the newly introduced N04C-TQ engine models, the red zone on the tachometer has been set to 6500 – 7500 rpm.
- On the combination meter for Europe, a DPF (Diesel Particulate Filter) indicator light has been provided.
- A DC/DC warning light has been provided on the N04C-TT and TU engine models.
- The high engine coolant temperature warning indicator light that was provided on the combination meter for Europe has been discontinued.



04VBE02Y

15. Air Conditioner

- An SFA-II (Straight Flow Aluminum-II) heater core is newly used for the RHD models.
- The SFA-II heater core has been made more compact and higher performance by making the core section finer and improving the shapes of the tank section and flow section. Also, the environment is considered. By using aluminum as the material, the amount of the environmental burden disposal (lead) is reduced.

16. Seat Belt Reminder System

The seat belt reminder system is provided for the driver seat as standard equipment on the G.C.C. countries models. For details, see page 82.