

CIRCUIT DIAGRAMS

CONTENTS

NOTE

*: Indicates that the contents of 2002 MY vehicles for Hong Kong with 6G72 are not included. For 2002 MY vehicles for Hong Kong with 6G72, refer to GROUP 0 – Outline of Changes to locate relevant circuits.

CENTRALIZED JUNCTION * 5

J/C

L.H. drive vehicles	6
R.H. drive vehicles *	13

POWER DISTRIBUTION SYSTEM

Diesel <L.H. drive vehicles>	22
Diesel <R.H. drive vehicles>	30
Petrol <L.H. drive vehicles>	38
Petrol <R.H. drive vehicles> *	46

IGNITION SYSTEM

MPI	54
GDI	56

CHARGING SYSTEM

GDI	59
-----------	----

ENGINE CONTROL SYSTEM

4M41 <R.H. drive vehicles>	60
MPI-A/T <L.H. drive vehicles for Taiwan>	72
MPI-M/T <Vehicles for Hong Kong>	82
MPI-A/T <Vehicles for Hong Kong>	92
GDI <R.H. drive vehicles>	102

INVECS-II 4A/T

MPI <R.H. drive vehicles without sport mode>	116
---	-----

INVECS-II 5A/T

4M41 <R.H. drive vehicles>	124
MPI <L.H. drive vehicles>	134
GDI <R.H. drive vehicles>	142

HEADLAMP

L.H. drive vehicles – halogen type	150
L.H. drive vehicles – discharge type	154
R.H. drive vehicles – halogen type	158
R.H. drive vehicles – discharge type	162

TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER

L.H. drive vehicles <Except for Brazil and Argentina>	166
L.H. drive vehicles for Brazil and Argentina	170
R.H. drive vehicles <Except for Australia and South Africa>	174
R.H. drive vehicles for Australia and South Africa	180

FRONT FOG LAMP

- L.H. drive vehicles 184
- R.H. drive vehicles * 188

REAR FOG LAMP

- Vehicles for Brazil and Argentina 192
- Vehicles for Australia and South Africa 196

SIDE STEP LAMP

- L.H. drive vehicles 200
- R.H. drive vehicles 206

HEADLAMP LEVELING SYSTEM

- L.H. drive vehicles 212
- R.H. drive vehicles * 214

TURN-SIGNAL LAMP AND HAZARD WARNING LAMP

- L.H. drive vehicles
<Except for Brazil and Argentina> 216
- L.H. drive vehicles for
Brazil and Argentina 220
- R.H. drive vehicles
<Except for Australia and South Africa> * 224
- R.H. drive vehicles for
Australia and South Africa 228

STOP LAMP

- L.H. drive vehicles
<Except for Brazil and Argentina> 231
- R.H. drive vehicles
<Except for Australia and South Africa> * 232

BACK-UP LAMP

- L.H. drive vehicles 233
- R.H. drive vehicles
without back-up warning buzzer 234
- R.H. drive vehicles
with back-up warning buzzer 236

HORN * 238**METER AND GAUGE**

- L.H. drive vehicles <Except for GCC> 240
- L.H. drive vehicles for GCC 244
- R.H. drive vehicles 248

POWER WINDOWS

- Short wheelbase models
<Vehicles for South Africa> 252
- Long wheelbase models
<L.H. drive vehicles for Argentina> 256
- Long wheelbase models
<R.H. drive vehicles for Hong Kong and South
Africa> * 262

CENTRAL DOOR LOCKING SYSTEM AND FORGOTTEN KEY PREVENTION FUNCTION

- L.H. drive vehicles with keyless entry system
<Except for Taiwan> 268
- L.H. drive vehicles with
keyless entry system for Taiwan 276
- R.H. drive vehicles without
keyless entry system 284
- R.H. drive vehicles with
keyless entry system * 288

REAR HEATER

- R.H. drive vehicles
<Built in underfloor> 296
- R.H. drive vehicles
<Built in floor console> 300

PTC HEATER

- 4M41 <R.H. drive vehicles> 303

SINGLE MANUAL AIR CONDITIONER

- 4M40 <L.H. drive vehicles> 304
- 4M40 <R.H. drive vehicles> 310
- 4M41 <R.H. drive vehicles> 316
- MPI <L.H. drive vehicles
(Except for Taiwan)> 320
- MPI <Vehicles for Taiwan> 326
- MPI <2002 MY vehicles for Hong Kong> 332
- MPI <R.H. drive vehicles> * 338

DUAL MANUAL AIR CONDITIONER

- 4M40 <L.H. drive vehicles> 344
- 4M40 <R.H. drive vehicles> 354
- MPI <L.H. drive vehicles> 364
- MPI <2002 MY vehicles for Hong Kong> 374
- MPI <R.H. drive vehicles> * 384

SINGLE AUTOMATIC AIR CONDITIONER

4M40 <L.H. drive vehicles>	394
4M40 <R.H. drive vehicles>	400
4M41 <Vehicles for South Africa>	406
MPI <L.H. drive vehicles>	410
MPI <R.H. drive vehicles>	416

DUAL AUTOMATIC AIR CONDITIONER

4M40 <L.H. drive vehicles>	422
4M40 <R.H. drive vehicles>	432
4M41 <L.H. drive vehicles>	442
4M41 <R.H. drive vehicles>	452
MPI <L.H. drive vehicles>	462
MPI <2002 MY vehicles for Hong Kong>	472
MPI <R.H. drive vehicles> *	482
GDI <R.H. drive vehicles>	492

WINDSHIELD WIPER AND WASHER

L.H. drive vehicles	502
R.H. drive vehicles without vehicle-speed-dependent wiper	506
R.H. drive vehicles with vehicle-speed-dependent wiper	510

REAR WIPER AND WASHER

L.H. drive vehicles	514
R.H. drive vehicles *	518

DEFOGGER AND DOOR MIRROR HEATER

R.H. drive vehicles with heater or manual air conditioner	522
--	-----

**ELECTRIC RETRACTABLE REMOTE-
CONTROLLED MIRROR**

R.H. drive vehicles with automatic restore function	524
--	-----

HEADLAMP WASHER

L.H. drive vehicles	528
R.H. drive vehicles	530

RADIO AND TAPE PLAYER

L.H. drive vehicles	532
R.H. drive vehicles	536

CLOCK * 541**RV METER**

L.H. drive vehicles	542
R.H. drive vehicles	546

CENTER DISPLAY

Vehicles for South Africa	550
---------------------------------	-----

HBB, EBD AND ABS

Petrol <R.H. drive vehicles> *	556
--------------------------------------	-----

HBB, EBD, ABS AND M-ATC

L.H. drive vehicles	564
R.H. drive vehicles	574

HBB, EBD, ABS AND M-ASTC

R.H. drive vehicles	584
---------------------------	-----

AUTO-CRUISE CONTROL SYSTEM

4M41 <Vehicles for Argentina>	594
4M41 <R.H. drive vehicles>	600
MPI <L.H. drive vehicles>	608
MPI <R.H. drive vehicles>	614
GDI <R.H. drive vehicles>	620

PART TIME 4WD SYSTEM 626**SUPER SELECT 4WD II SYSTEM**

L.H. drive vehicles	628
MPI <2002 MY vehicles for Hong Kong>	636
R.H. drive vehicles *	640

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

L.H. drive vehicles	648
R.H. drive vehicles *	652

SUNROOF

L.H. drive vehicles	656
R.H. drive vehicles *	660

POWER SEAT

Except for Taiwan	664
-------------------------	-----

THEFT-ALARM SYSTEM

Vehicles for Taiwan	666
---------------------------	-----

IMMOBILIZER SYSTEM

4M41 <L.H. drive vehicles>	674
4M41 <R.H. drive vehicles>	676
MPI <R.H. drive vehicles>	678
GDI <R.H. drive vehicles>	680

RHEOSTAT

L.H. drive vehicles	682
R.H. drive vehicles *	684