

Starting and driving

Running-in recommendations	96
Fuel usage	97
Spare fuel tank*	99
Economical driving	100
Ignition switch	101
Starting the engine	102
Engine rpm adjustment knob*	105
Manual transmission	105
Automatic transmission	108
Super select 4WD*	113
Part time 4WD*	117
Free wheeling hubs*	121
Rear differential lock*	123
Correct four-wheel drive operation	128
Parking brake	131
Parking	132
Braking	132
Anti-lock brake system (A.B.S.)*	133
Limited-slip differential*	136
Steering wheel height adjustment	137
Power steering system*	137
Inside rear-view mirror	138
Outside rear-view mirrors	138
Electric remote-controlled outside rear-view mirrors*	139
Auto-speed (cruise) control*	139
3-mode variable shock absorber*	144

STARTING AND DRIVING

Running-in recommendations

EA01A-A

During the running-in period of the first 1,000 km (600 miles), it is advisable to drive your new vehicle using the following precautions as a guideline to aid long life as well as future economy and performance.

- (1) Do not race the engine at high speeds.
- (2) Avoid rapid starting, accelerating, braking and prolonged high-speed running.
- (3) Keep to the running-in speed limit shown below.

Please note that the legal speed limits displayed must be adhered to.

- (4) Do not exceed loading limits.
- (5) Refrain from towing a trailer.

Vehicles with manual transmission

km/h (mph)

Model		Drive range	Speed limit				
			1st	2nd	3rd	4th	5th
2400 models		2H, 4H	25 (15)	50 (31)	75 (46)	105 (65)	125 (77)
		4L	10 (6)	25 (15)	40 (25)	55 (34)	65 (40)
2500 models	Part time 4WD vehicles	2H, 4H	20 (12)	35 (21)	60 (37)	80 (50)	100 (62)
		4L	10 (6)	20 (12)	30 (18)	40 (25)	50 (31)
	Super select 4WD vehicles	2H, 4H, 4HLc	20 (12)	40 (25)	65 (40)	90 (56)	110 (68)
		4LLc	10 (6)	20 (12)	35 (21)	45 (28)	55 (34)
2800 models	Part time 4WD vehicles	2H, 4H	20 (12)	40 (25)	65 (40)	90 (56)	115 (71)
		4L	10 (6)	20 (12)	30 (19)	45 (28)	60 (37)
	Part time 4WD vehicles*1	2H, 4H	20 (12)	35 (21)	60 (37)	85 (53)	110 (68)
		4L	10 (6)	20 (12)	30 (18)	40 (25)	55 (34)
	Super select 4WD vehicles	2H, 4H, 4HLc	20 (12)	40 (25)	65 (40)	90 (56)	120 (74)
		4LLc	10 (6)	20 (12)	35 (21)	50 (31)	60 (37)
3000 models		2H, 4H 4HLc	25 (15)	50 (31)	80 (50)	115 (71)	135 (83)
		4LLc	15 (9)	25 (15)	40 (25)	60 (37)	70 (43)
3500 models		2H, 4H 4HLc	30 (19)	50 (31)	85 (53)	120 (74)	145 (90)
		4LLc	15 (9)	25 (15)	45 (28)	60 (37)	75 (46)

*1: Vehicles for Hong Kong

STARTING AND DRIVING

Vehicles with automatic transmission

km/h (mph)

Model	Drive range	Speed limit			
		"L" (LOW)	"2" (SECOND)	"D" (DRIVE)*2	"D" (DRIVE)*3
2500 models	2H, 4H, 4HLc	25 (15)	50 (31)	80 (50)	105 (65)
	4LLc	10 (6)	25 (15)	40 (25)	55 (34)
2800 models	2H, 4H, 4HLc	30 (19)	55 (34)	85 (53)	120 (74)
	4LLc	15 (9)	25 (15)	40 (25)	60 (37)
3000 models	2H, 4H, 4HLc	35 (21)	70 (43)	100 (62)	145 (90)
	4LLc	20 (12)	35 (21)	55 (34)	75 (46)
3500 models	2H, 4H, 4HLc	40 (25)	75 (46)	115 (71)	150 (93)
	4LLc	20 (12)	35 (21)	60 (37)	80 (50)

*2 - with overdrive switched OFF

*3 - with overdrive switched ON

Fuel usage

EC20AQA

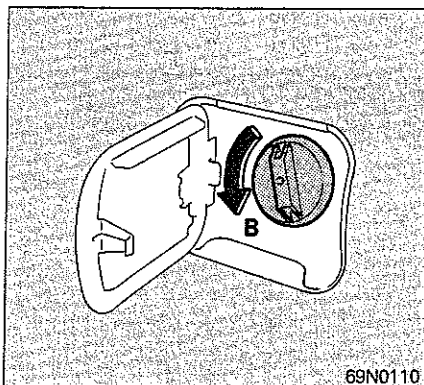
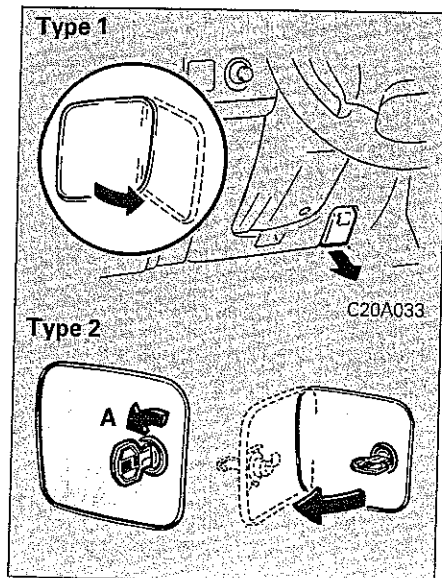
Recommended fuel	Petrol-powered vehicles Leaded petrol octane rating (DIN 51600) 3500 models 95 RON or higher (Super) Others 90 RON or higher (Normal)
	Diesel-powered vehicles Cetane rating (DIN 51601) 45 or higher
Fuel tank capacity	3-door models 2400 models 60 litres (15.9 U.S. gal., 13.2 Imp.gal.) 2500 models Vehicles with turbocharger 75 litres (19.8 U.S. gal., 16.5 Imp.gal.) Vehicles without turbocharger 60 litres (15.9 U.S. gal., 13.2 Imp.gal.) 3000, 3500 models 75 litres (19.8 U.S. gal., 16.5 Imp.gal.)
	5-door models 92 litres (24.3 U.S. gal., 20.2 Imp.gal.)

NOTE

Carburetor-equipped vehicles can also use leaded normal petrol 87 RON to 89 RON when leaded petrol 90 RON or higher is not available.

In such a case, have the engine adjusted by an authorized MITSUBISHI dealers.

STARTING AND DRIVING



CAUTION
 Fuel is explosive and combustible.
 Therefore, when handling fuel,
 keep naked flames away from it.
 Do not smoke cigarettes.

NOTE

Do not try to fill up the level fuel port; leave some room for the fuel to expand with temperature changes.

4. Mount the tank cap and turn it clockwise until you hear click sounds.

Refueling

1. Before filling with fuel, stop the engine.

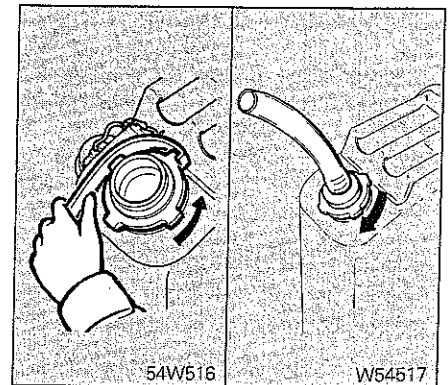
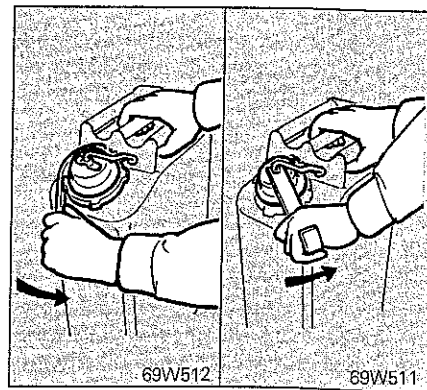
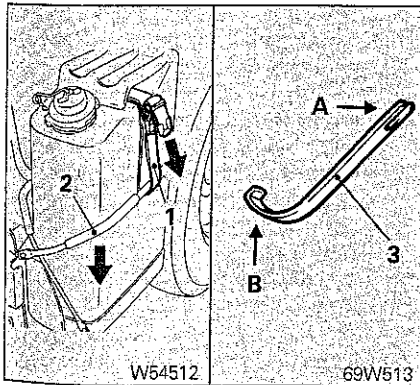
A - To open the lid

B - To open the tankcap

The fuel filler door can be opened from inside the vehicle by using the fuel filler door release lever (located beside the driver's seat.)

2. To fill with fuel correctly depends mainly on correct handling of the fuel filler gun. Do not tilt the gun. Insert the gun in the tank port as far as it goes.
3. When the gun stops automatically, put the gun half the way in the tank port. After the second automatic stop, do not fill with fuel any more.

STARTING AND DRIVING



Spare fuel tank*

EF14A-A

Remove the spare fuel tank securing belt (1).
Move the spare fuel tank frame (2) downward, and remove the tank.
Use the special spanner (3) included with the vehicle for loosening and tightening the hose lock nut and the cap.

A - For loosening or tightening the cap
B - For loosening or tightening the hose lock nut

Loosen the hose lock nut by using the special spanner to release the pressure in the tank.
Retighten the hose lock nut.
Remove the cap from the tank by using the special spanner.

Remove the hose lock nut by using the special spanner.
Pull out the combination hose lock nut/filler hose, invert and connect it to the spare fuel tank.
Open the lid and the cap on the main fuel tank, and transfer the fuel from the spare tank to the main tank.

CAUTION

After filling either the main fuel tank or spare fuel tank with petrol, be sure to tighten the hose lock nut and cap securely by using the special spanner, and also to firmly secure the tank to the bracket with the belt.

STARTING AND DRIVING

Economical driving

EC19A-Kc

For economical driving, there are some technical requirements that have to be met. The prerequisite for low fuel consumption is a properly adjusted engine. In order to achieve longer life of the vehicle and the most economical operation, have the vehicle serviced by an authorized MITSUBISHI dealer at regular intervals in accordance with the service standards.

Fuel economy and generation of exhaust gas and noise are highly influenced by personal driving habits as well as the particular operating conditions. The following points should be observed in order to minimize wear of brakes, tyres and engine as well as to reduce environmental pollution.

(1) **Starting**

Avoid rapid acceleration and sudden starts; such operation will result in higher fuel consumption.

(2) **Shifting**

Shift only at an appropriate speed and engine speed.

Always use the highest gear possible. When driving at high speed over public roads, fuel economy can become poor and noise levels rise. The transfer shift lever should be set to "2H". In addition, for vehicles equipped with free-wheeling hubs, the free-wheeling hubs should be disengaged.

(3) **City traffic**

Frequent starting and stopping increases the average fuel consumption. Use roads with smooth traffic flow whenever possible. When driving on congested roads, avoid use of a low gear at high engine speed.

(4) **Idling**

The vehicle consumes fuel even during idling. Avoid extended idling periods whenever possible.

(5) **Speed**

The higher the vehicle speed, the more fuel consumed. Avoid driving

at full speed. Even a slight release of the accelerator pedal will save a significant amount of fuel.

(6) **Tyre inflation pressure**

Check the tyre inflation pressures at regular intervals. Low tyre inflation pressure increases road resistance and fuel consumption. In addition, low tyre pressures adversely affect tyre wear and driving control.

(7) **Load**

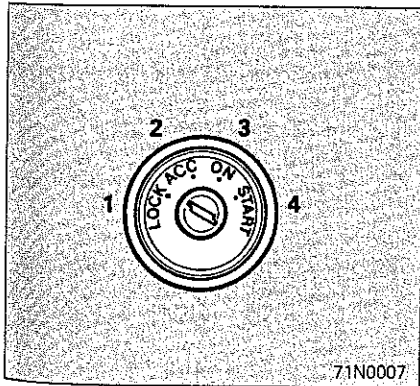
Do not drive with unnecessary articles in the luggage compartment. Especially during city driving where frequent starting and stopping is necessary, the increased weight of the vehicle will greatly affect fuel consumption. Also avoid driving with unnecessary luggage, etc., on the roof; the increased air resistance will increase fuel consumption.

(8) **Cold engine starting**

Starting of a cold engine consumes more fuel.

Unnecessary fuel consumption is also caused by keeping a hot engine running. After the engine is started, commence driving as soon as possible.

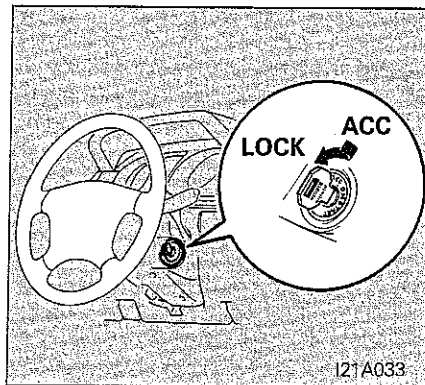
STARTING AND DRIVING



Ignition switch

EI21A-Kb

- 1- With the engine stopped and the steering wheel is locked. The key can be inserted and removed only at this position.
- 2- Engine stopped, radio, cigarette lighter, etc., can be operated.
- 3- The engine is running and all electrical systems can be operated.
- 4- The starter motor operates. After the engine has started, release the key and it will automatically return to the "ON" position.



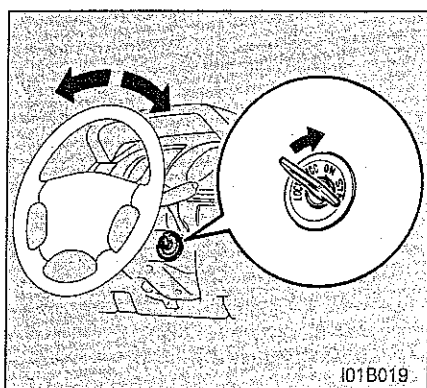
NOTE

- (1) To remove the key, push the key at the "ACC" position and keep it depressed until it is turned to the "LOCK" position, and remove.
- (2) This vehicle is equipped with the ignition switch illumination. The ignition switch will be illuminated when the driver's door is opened until 10 seconds after the door is closed.

⚠ CAUTION

- (1) Do not remove the ignition key from the ignition switch while driving. The steering wheel will be locked, causing loss of control.
- (2) If the engine is stopped while driving, the brake servomechanism will cease to function and braking efficiency will deteriorate. Also, power steering system will not function and it will require greater manual effort to operate the steering.
- (3) Do not leave the key in the "ON" position for a long time when the engine is not running; doing so will cause the battery to be discharged.
- (4) Do not turn the key to the "START" position when the engine is running; doing so could damage the starter motor.

STARTING AND DRIVING



How to lock and unlock the steering wheel

EI01B-G

To lock

Remove the key at the "LOCK" position. Slightly turn the steering wheel until it is locked.

To unlock

Turn the key to the "ACC" position while moving the steering wheel slightly.



CAUTION

Remove the key when leaving the vehicle.

Starting the engine

EI02F-Ub

Tips for starting

- (1) Do not operate the starter motor continuously for longer than 10 seconds; doing so could run down the battery. If the engine does not start, turn the ignition switch back to the "LOCK", wait a few minutes, and then try again.
- (2) If the engine cannot be started because the battery is weak or dead, refer to the emergency starting section for instructions on starting the engine.
- (3) After starting the engine, do not keep the engine idling without driving. Only when atmospheric temperature is very low, warm up the engine at a high idling speed.



CAUTION

- (1) When the engine is hard to start unless you depress the accelerator pedal, step on the accelerator pedal to start the engine, then move your foot to the brake pedal immediately.
- (2) Do not keep the engine running for a long time in a closed or poorly ventilated place. Carbon monoxide gas is odourless and extremely poisonous.
- (3) Do not run the engine at high rpm or drive the vehicle at high speed until the engine has had a chance to warm up.
- (4) Release the ignition key as soon as the engine starts to avoid damaging the starter motor.
- (5) Vehicles with turbocharger, do not stop the engine immediately after operating the vehicle at high speeds. Allow the engine to idle for approximately 60 seconds or more to give the turbocharger a chance to cool down.

STARTING AND DRIVING

Petrol-powered vehicles

CARBURETTOR TYPE

1. Apply the parking brake.
2. Move the gearshift lever to the "N" position (neutral) and depress the clutch pedal all the way.
3. Operate the accelerator pedal as described below in accordance with the atmospheric temperature and/or engine condition and then start the engine.
 - (1) When the atmospheric temperature is moderate or low and the engine is cold:
Depress the accelerator pedal all the way and release it.
 - (2) When the atmospheric temperature is very low and the engine is cold:
Slowly depress the accelerator pedal several times.
 - (3) When the atmospheric temperature is high or the engine is warm:
Start the engine with the accelerator pedal depressed about halfway.
4. Start the engine.

NOTE

If the engine is flooded due to overuse of the accelerator pedal, start the engine with the accelerator pedal fully depressed.

At extreme cold ambient temperature

If the engine won't start, depress the accelerator pedal about halfway while cranking the engine. Once the engine starts, release the accelerator pedal.

FUEL INJECTION TYPE

This vehicle is equipped with an electronically controlled injection device and fuel injection amount is automatically controlled. When starting the engine, do not depress the accelerator pedal.

1. Apply the parking brake.
2. On vehicles with a manual transmission, move the gearshift lever to the "N" position (Neutral) and depress the clutch pedal all the way. On vehicles with an automatic transmission, move the selector lever to the "P" position.
3. Start the engine without depressing the accelerator pedal.

NOTE

- (1) On 3000, 3500 models, clicking heard immediately after starting the engine are due to engine construction. Continue warming up the engine, and the noise will disappear.
- (2) If the engine has become flooded during starting, first operate the starter for 5 or 6 seconds while depressing the accelerator pedal fully, and then start the engine without depressing the accelerator pedal.

STARTING AND DRIVING

At extreme cold ambient temperature

If the engine won't start, depress the accelerator pedal about halfway while cranking the engine. Once the engine starts, release the accelerator pedal.

Diesel-powered vehicles

E102B-Qa

1. Apply the parking brake.
2. On vehicles with a manual transmission, move the gearshift lever to neutral and depress the clutch pedal all the way. On vehicles with an automatic transmission, move the selector lever to the "P" position.
3. Turn the ignition key to the "ON" position.
The diesel preheat indication lamp will first illuminate in amber, and then after a short time go out, indicating that preheating is completed.

NOTE

- (1) If the engine is cold, the diesel preheat indication lamp is on for a longer time.
- (2) When the engine has not been started within about 5 seconds after the diesel preheat indication lamp went out, return the ignition key to the "LOCK" position. Then, turn the key to the "ON" position to preheat the engine again.
- (3) When the engine is warm, the diesel preheat indication lamp does not come on even if the ignition key is placed in the "ON" position.

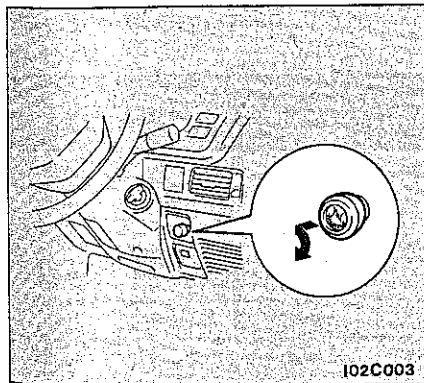
Start the engine by turning the ignition key right to the "START" position.

4. Start the engine.

NOTE

When the outside air temperature is low and engine is cold, warm up the engine by using the engine rpm adjustment knob. Refer to "Engine rpm adjustment knob" on page 105.

STARTING AND DRIVING



Engine rpm adjustment knob*

E102C-Da

The engine rpm adjustment knob is used when warming up the engine or when operating the mechanical winch [vehicles with mechanical winch].

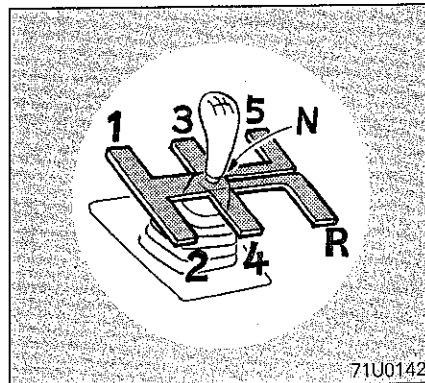
1. Turn the adjustment knob anti-clockwise and pull it to bring the engine in a stable rotating condition.
2. Turn the adjustment knob clockwise to lock it.
3. To return the adjustment knob to the original position, turn it anti-clockwise and push in.

NOTE

After the adjustment knob is returned to the original position and pushed in there, turn it clockwise to lock it.

CAUTION

- (1) Driving with the adjustment knob pulled out or leaving it in this position can not only increase the fuel consumption but also adversely affect the engine performance.
- (2) During driving, never attempt to adjust the engine speed by using the throttle knob. It is very dangerous.



Manual transmission

E129A-A

The shift pattern is shown on the gearshift lever knob. Be sure to always fully depress the clutch pedal before attempting to shift the lever.

To shift into reverse from 5th gear, move the gearshift lever to the "N" position, and then shift it into reverse.

CAUTION

Do not move the gearshift lever into reverse while the vehicle is moving forward; doing so will damage the transmission.

STARTING AND DRIVING

Changing gears

EI03C-Aa

Always use care to change the gear with the vehicle speed matched to the engine speed. Proper shifting will improve fuel economy and prolong engine life.

Avoid such downshifting as may cause the tachometer pointer to enter the red zone.

This puts the engine at risk of being damaged.

Economical driving speed

km/h (mp)

Model		Drive range	Speed limit			
			1st to 2nd	2nd to 3rd	3rd to 4th	4th to 5th
2500 models	Part time 4WD vehicles	2H, 4H	10 (6)	20 (12)	35 (21)	55 (34)
		4L	5 (3)	10 (6)	15 (9)	25 (15)
	Super select 4WD vehicles	2H, 4H, 4HLc	10 (6)	25 (15)	40 (25)	55 (34)
		4LLc	5 (3)	10 (6)	20 (12)	30 (18)
2400 models		2H, 4H	20 (12)	35 (21)	55 (34)	80 (50)
		4L	10 (6)	15 (9)	30 (18)	40 (25)
2800 models	Part time 4WD vehicles	2H, 4H	10 (6)	20 (12)	40 (25)	55 (34)
		4L	5 (3)	10 (6)	20 (12)	30 (18)
	Part time 4WD vehicles*1	2H, 4H	10 (6)	20 (12)	35 (21)	50 (31)
		4L	5 (3)	10 (6)	20 (12)	25 (15)
	Super select 4WD vehicles	2H, 4H, 4HLc	10 (6)	25 (15)	40 (25)	60 (37)
		4LLc	5 (3)	10 (6)	20 (12)	30 (18)
3000 models		2H, 4H, 4HLc	25 (15)	50 (31)	80 (50)	115 (71)
		4LLc	15 (9)	25 (15)	40 (25)	60 (37)
3500 models		2H, 4H, 4HLc	20 (12)	40 (25)	65 (40)	90 (56)
		4LLc	10 (6)	20 (12)	30 (18)	45 (28)

*1: Vehicles for Hong Kong

STARTING AND DRIVING

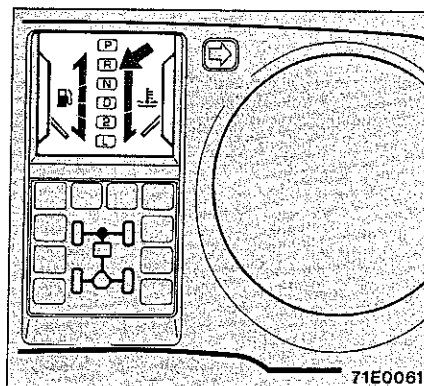
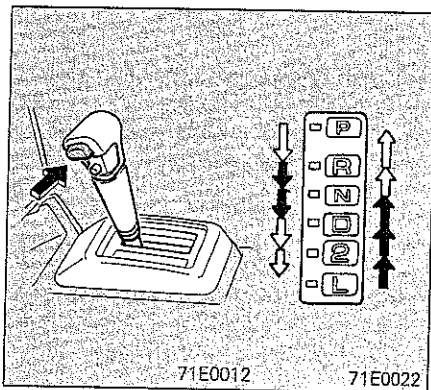
Possible driving speed

km/h (mph)

Model		Drive range	Speed limit			
			1st	2nd	3rd	4th
2500 models	Part time 4WD vehicles	2H, 4H	30 (18)	55 (34)	95 (59)	130 (80)
		4L	15 (9)	30 (18)	45 (28)	70 (43)
	Super select 4WD vehicles	2H, 4H, 4HLc	35 (21)	60 (37)	100 (62)	135 (83)
		4LLc	15 (9)	30 (18)	50 (31)	70 (43)
2400 models		2H, 4H	40 (25)	75 (46)	115 (71)	150 (93)
		4L	20 (12)	35 (21)	60 (37)	80 (50)
2800 models	Part time 4WD vehicles	2H, 4H	30 (18)	55 (34)	95 (59)	135 (83)
		4L	15 (9)	30 (18)	50 (31)	70 (43)
	Part time 4WD vehicles*1	2H, 4H	30 (18)	55 (34)	90 (56)	125 (77)
		4L	15 (9)	30 (18)	45 (28)	65 (40)
	Super select 4WD vehicles	2H, 4H, 4HLc	30 (18)	60 (37)	100 (62)	135 (83)
		4LLc	20 (12)	30 (18)	50 (31)	70 (43)
3000 models		2H, 4H, 4HLc	40 (25)	75 (46)	120 (74)	150 (93)
		4LLc	20 (12)	35 (21)	60 (37)	90 (56)
3500 models		2H, 4H, 4HLc	45 (28)	80 (50)	130 (80)	180 (111)
		4LLc	20 (12)	40 (25)	65 (40)	95 (59)

*1: Vehicles for Hong Kong

STARTING AND DRIVING



Automatic transmission

EI04A-Cd

The transmission has 4 forward gears and 1 reverse gear.

The individual gears are selected automatically, depending on the position of the gear selector lever, the speed of the vehicle and the position of the accelerator pedal.

The selector lever has 6 positions, and is equipped with a lock button to avoid inadvertent selection of the wrong position.

↓ Button must be pressed to move the selector lever.

↓ Button need not be pressed to move the selector lever.

The indication lamps in the instrument panel are for indicating the selector lever position and one of them illuminates when the ignition is switched "ON".

⚠ WARNING

- (1) If the button is always depressed to operate the selector lever, the lever may be accidentally shifted into the "P", "R", "L" position. Be sure not to depress the button when performing the operations indicated by ↓ in the illustration.
- (2) Always depress the brake pedal when shifting the selec-

tor lever into a gear from the "N" (NEUTRAL) position.

When beginning to drive, do not shift the selector lever from the "N" (NEUTRAL) position while depressing the accelerator pedal; doing so is dangerous because the vehicle will "jump" forward or backward.

STARTING AND DRIVING

Selector positions

E104B-Cd

P - PARK

This position locks the transmission to prevent the vehicle from moving. The engine can be started in this position.

WARNING

Never shift into the "P" (PARK) position while the vehicle is in motion. If the lever is shifted into the "P" or "R" position while the vehicle is in motion, the transmission may be damaged.

R - REVERSE

Move the lever to this position only after the vehicle has come to a complete stop.

N - NEUTRAL

At this position the transmission is disengaged. It is the same as the neutral position on a manual transmission, and should be used when the vehicle is stationary for an extended length of time during driving, such as in a traffic jam.

WARNING

- (1) Never move the lever to the "N" position while the vehicle is being driven because engine braking becomes unavailable.
- (2) On a slope the engine should be started in the "P" (PARK) position, not in the "N" (NEUTRAL) position.

D - DRIVE

This position is used for most city and highway driving, for movement from a full stop to maximum speed.

2 - SECOND

This position is for extra power when driving up moderately steep hills, and for engine braking when descending moderately steep grades.

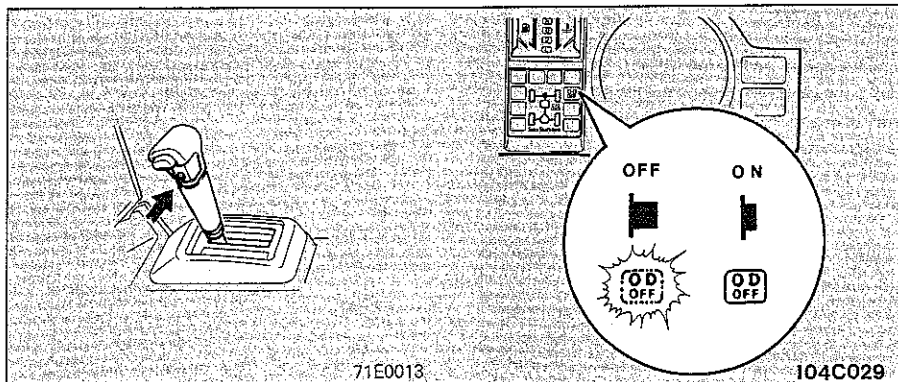
L - LOW

This position is for driving up very steep hills and for engine braking at low speeds when descending steep grades.

WARNING

Be very careful not to shift into "L" suddenly. Sudden engine braking may cause the tyres to slip.

STARTING AND DRIVING



Overdrive control switch

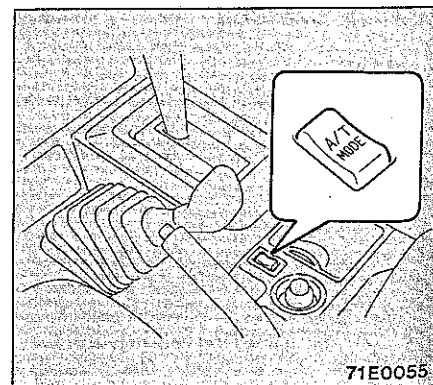
E104C-Ba

During ordinary driving, the overdrive switch should be left in the pressed-in position (the indicator lamp in the instrument panel is off.)

Automatic shifting will be performed in the range from 1st gear through 4th gear if the selector lever is set at "D".

When you need quick acceleration or engine braking power on a downhill grade, or when you are going to go up a long hill, press the overdrive switch once again to cancel the overdrive function.

The indicator lamp in the instrument panel lights up and automatic shifting will be performed in the range from 1st gear through 3rd gear only.



A/T mode changeover switch (2800A/T, 3500A/T)

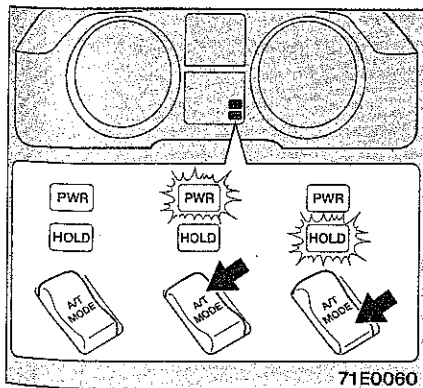
E104J-L

According to the road conditions, set the switch at "NORMAL", "PWR" or "HOLD mode" for normal driving, for greater power driving, or for shift stage hold driving.

Each time you press the switch, the "NORMAL", "PWR" and "HOLD" modes will switch alternately. The "PWR" and "HOLD" indicator in the instrument panel comes on or off.

Normally, drive your vehicle in the "NORMAL" mode where the switch is not pressed. The "PWR" and "HOLD" indicator go out.

STARTING AND DRIVING



NORMAL

Select this mode for normal driving. In this mode, your vehicle will run quietly and smoothly with good fuel economy.

PWR (POWER)

Select this mode when you require greater power. Use this mode when you need more engine power, such as when you are driving in mountainous areas, or want to accelerate to pass other vehicles at high speed.

HOLD

Select the "HOLD" mode when starting your vehicle on a road surface slippery from snow or the like, and the vehicle will start smoothly in second gear.

Operation

EI04D-Ca

- (1) **Before selecting a gear with the engine running and the vehicle stationary, fully depress the brake pedal to prevent the vehicle from creeping.**

The vehicle will begin to move as soon as the gear is engaged, especially when the engine speed is high, at fast idle or the air conditioning operating, the brakes should only be released when you are ready to drive away.

- (2) **Depress the brake pedal with the right foot at all times.** Using the left foot could cause driver movement delay in case of an emergency.
- (3) To prevent sudden acceleration, **never race the engine when shifting from the "P" or "N".**

- (4) Operating the accelerator pedal while the other foot is resting on the brake pedal will affect braking efficiency and may cause premature wear of brake pads.

Do not race the engine with brake pedal pressed. This can damage the transmission.

Possible driving speed

EI04I-Ab

In order to avoid damage to the engine for excessively high rpm, do not exceed the possible driving speed when the selector lever is set to the "2" (SECOND) position or the "L" (LOW) position.

km/h (mph)

Models	Drive range	"L" (LOW)	"2" (SECOND)
2500	2H, 4H, 4HLc	40 (25)	80 (50)
	4LLc	20 (12)	40 (25)
2800	2H, 4H, 4HLc	45 (28)	80 (50)
	4LLc	20 (12)	40 (25)
3000	2H, 4H, 4HLc	60 (37)	110 (68)
	4LLc	30 (18)	60 (37)
3500	2H, 4H, 4HLc	60 (37)	110 (68)
	4LLc	30 (18)	55 (34)

STARTING AND DRIVING

Passing acceleration

EI04F-Bd

For quick acceleration when passing, depressing the accelerator pedal all the way to the floor will cause the transmission to automatically shift from 4th gear to 3rd gear, from 3rd gear to 2nd gear or from 2nd gear to 1st gear, in accordance with the driving speed, without having to move the selector lever from either the "D" or "2" position.

Waiting

EI04G-Bd

For short waiting periods such as at traffic lights, the vehicle can be left in gear and held stationary with the service brake.

For longer waiting periods with the engine running, the selector lever should be placed in the "N" position.

CAUTION

- (1) Never hold the vehicle stationary while in gear on a hill with the accelerator; always apply the parking brake and/or service brake.
- (2) Do not race the engine unnecessarily while the vehicle stands still.
Unexpected acceleration may occur if the selector lever is in

a position other than "P" or "N". When restarting after having stopped the vehicle, make sure that the selector lever is in "D" position.

Parking

EI04H-Ba

To park the vehicle, first bring it to a complete stop, fully engage the parking brake, and then move the selector lever to the "P" position.

If you are going to leave the vehicle unattended, always switch off the engine and remove the ignition key.

When automatic transmission makes no speed change [2800A/T, 3500A/T]

EI04K-Kb

If speed change can not be made during operation or the vehicle does not pick up enough speed when starting on an uphill grade, it is suspected that there is something abnormal happened in the transmission, causing a safety device to operate. Have the vehicle checked at MITSUBISHI dealer as soon as possible.

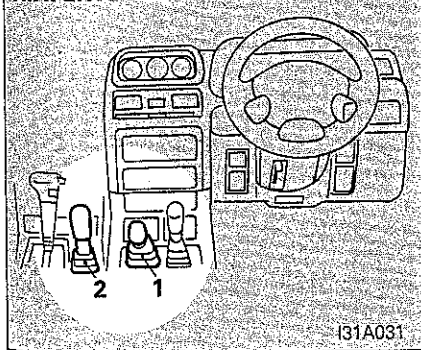
1. If it is hard to start the vehicle on an upgrade or the like, shift the lever into "L". This will facilitate starting of the vehicle.
2. If the vehicle is on a level road, shift the lever back to "D".

NOTE

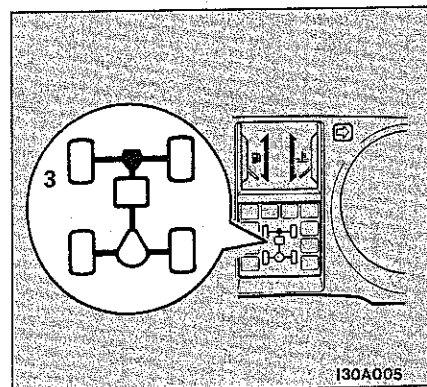
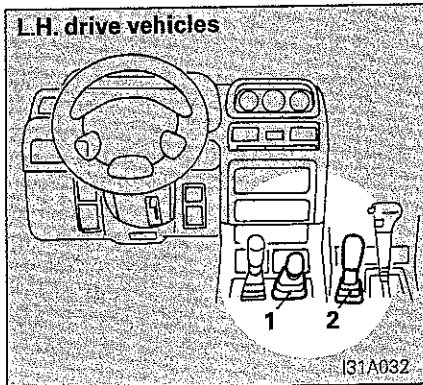
The A/T warning lamp flashes, indicating that there is an abnormal condition in the transmission.

STARTING AND DRIVING

R.H. drive vehicles



L.H. drive vehicles



Super select 4WD*

EI30A-A

Shifting to rear-wheel drive or four-wheel drive can be made by operating the transfer shift lever. Confirm the shifting on 2WD/4WD operation indication lamp.

- 1 - Transfer shift lever [Vehicles with manual transmission]
- 2 - Transfer shift lever [Vehicles with automatic transmission]

- 3 - 2WD/4WD operation indication lamp

STARTING AND DRIVING

Shift lever position and 2WD/4WD operation indication lamp

EI30B-Aa

Shift lever position	2WD/4WD operation indication lamp	Drive	Use
2H	 74E0025	2WD	When driving on dry normal roads and expressway economically.
4H	 74E0026	Full-time 4WD	Basic position of Super select 4WD. When driving on normal roads, expressway and slippery roads.
4HLc	 74E0024	Centre differential lock 4WD	When driving on rough, sand and deep snow roads.
N	 74E0023	Neutral	When the mechanical winch is used. (The vehicle can not be driven with the shift lever in this position.)
4LLc	 74E0024	Low range centre differential lock 4WD	When driving up or descending steep slopes or rough road such as muddy road. (Especially when increased drive power is required.)

CAUTION

- (1) Don't drive your vehicle in the "4LLc" or "4HLc" position on the public road; this would result in early wear of the tyres, clutch and other parts, increased fuel consumption and possible noise generation. It may also increase the differential oil temperature, resulting in possible damage to the driving system parts.
- (2) Use 1st gear in the "4LLc" position for very low-speed off-road driving.
- (3) The 2WD/4WD operation indication lamp blinks while the selection is in process.

NOTE

The "N" position is only models with manual transmission.

STARTING AND DRIVING

Transfer shift lever operation

EI30C-Ba

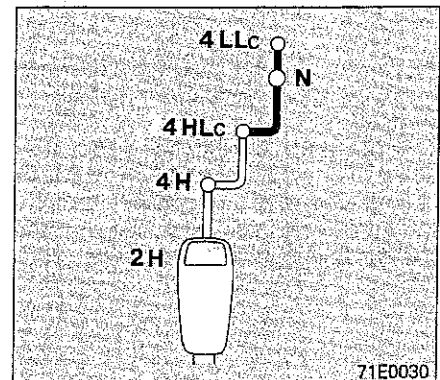
CAUTION

Do not operate the transfer shift lever while the rear wheels of a vehicle are slipping on a snow road.

NOTE

1. If the transfer shift lever is shifted slowly from "2H" to "4H" the transmission gear may make a noise. In this case, shift back the transfer shift lever to "2H", and then after confirming that 2WD/4WD operation indication lamp is on "2H", proceed with shifting the lever from "2H" to "4H" again.
2. When the shift gear is shifted from "2H" to "4H" soon after driving the vehicle in a cold weather district, the transmission gear may make a noise. So try to shift the gear while the vehicle is stopped.
3. The centre differential lock lamp may delay to illuminate even if the shift lever is shifted from "4H" to "4HLc".

4. In case the operation indication lamp does not change quickly even if the shift lever is shifted from "4HLc" to "4H", or from "4H" to "2H", depress the accelerator slowly a few times with the vehicle running straight ahead.



Vehicles with manual transmission

□ "2H" ⇄ "4H" ⇄ "4HLc"

The lever can be operated between these positions while the vehicle is either stopped or moving. In case the operation is to be made while the vehicle is moving, operate the lever after easing the accelerator pedal with the vehicle running straight ahead.

NOTE

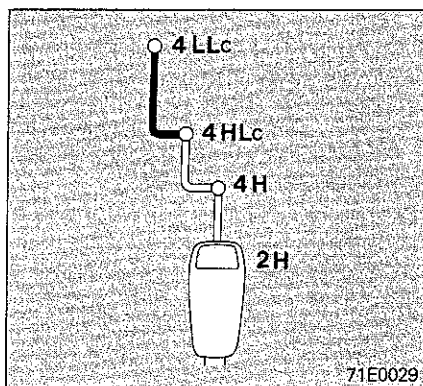
Shifting of the lever between "2H" ⇄ "4H" should be made at the speed below 100 km/h (62 mph).

STARTING AND DRIVING

■ "4HLc" ⇌ "N" ⇌ "4LLc"

The lever can be operated between these positions while the vehicle is stopped.

The operation should be made after either depressing the clutch pedal or setting the transmission shift lever to the neutral position while keeping the transfer shift lever pushed down.



Vehicles with automatic transmission

□ "2H" ⇌ "4H" ⇌ "4HLc"

The lever can be operated between these positions while the vehicle is either stopped or moving.

In case the operations is to be made while the vehicle is stopped, operate the transfer shift lever after setting the selector lever to "N" (Neutral) position. And in case the operation is to be made while the vehicle is moving, operate the transfer shift lever after setting the selector lever to "D" (Drive) position.

NOTE

Shifting of the lever between "2H" ⇌ "4H" should be made at the speed below 100 km/h (62 mph).

■ "4HLc" ⇌ "4LLc"

The lever can be operated between these positions while the vehicle is stopped.

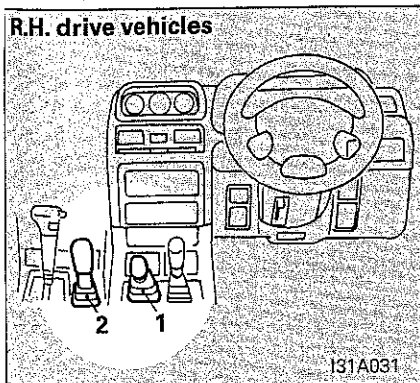
The operation should be made after setting the selector lever to "N" (Neutral) position with the transfer shift lever pushed down.

NOTE

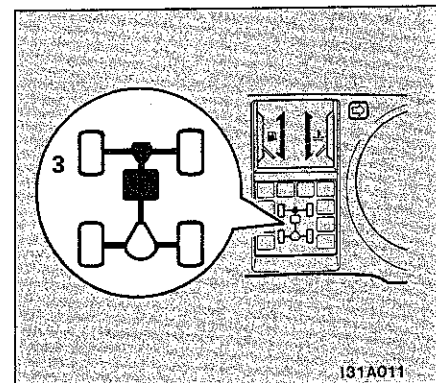
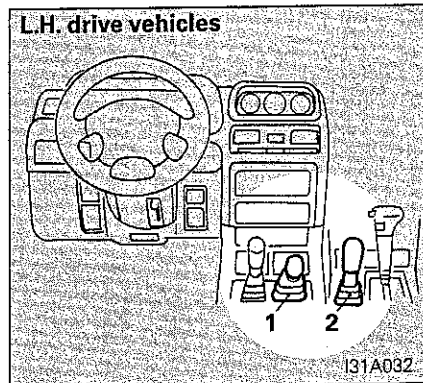
As the vehicles with automatic transmission have a neutral position between "4HLc" ⇌ "4LLc", operate firmly until the operation indication lamp is switched over to illuminate.

STARTING AND DRIVING

R.H. drive vehicles



L.H. drive vehicles



Part time 4WD*

EI31A-B

Shifting to rear-wheel drive or four-wheel drive can be made by operating the transfer shift lever. Confirmation of the shifting is made by the operation indication lamp on 2WD/4WD vehicles.

- 1 - Transfer shift lever [vehicles with manual transmission]
- 2 - Transfer shift lever [vehicles with automatic transmission]

- 3 - 2WD/4WD operation indication lamp

STARTING AND DRIVING

Shift lever position and 2WD/4WD operation indication lamp

EK31B-Ba

Shift lever position	2WD/4WD operation indication lamp	Drive	Use
2H	 74E0047	2WD	When driving on normal roads and expressway.
4H	 74E0028	High range 4WD	When driving deep snow, sand or rough roads with normal speed.
N	 74E0029	Neutral	When the mechanical winch is used. (The vehicle can not be driven with the shift lever in this position.)
4L	 74E0028	Low range 4WD	When driving up or descending steep slopes or rough roads such as muddy road (Especially when increased drive power is required.)

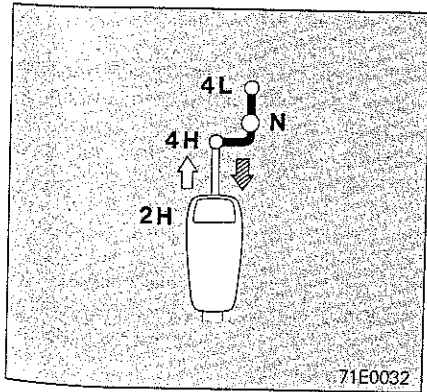
NOTE

The "N" position is only models with manual transmission.

CAUTION

- (1) Four-wheel drive should never be used on paved road surfaces. Do not drive your vehicle in the "4L" position on the public road; this would result in early wear of the tyres, clutch and other parts, increased fuel consumption and possible noise generation. It may also increase the differential oil temperature, resulting in possible damage to the driving system parts.
- (2) Use 1st gear in the "4L" position for very low-speed off-road driving.
- (3) The 2WD/4WD operation indication lamp blinks while the selection is in process.

STARTING AND DRIVING



Vehicles equipped with manual free-wheeling hubs

EI31C-B

Manual transmission

⇐ "2H" → "4H"

1. Set the manual free-wheeling hubs to "LOCK" position.
2. The lever can be operated between these positions while the vehicle is either stopped or moving. In case the operation is to be made while the vehicle is moving, operate the lever after easing the accelerator pedal with the vehicle running straight ahead.

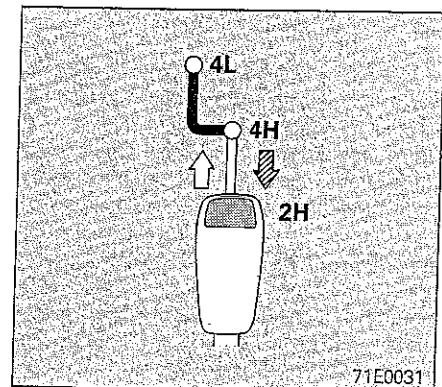
⇐ "4H" ⇌ "N" ⇌ "4L"

The lever can be operated between these positions while the vehicle is stopped. Operate the transfer shift lever after either depressing the clutch pedal or setting the transmission shift lever to neutral position.

⇐ "4H" → "2H"

The lever can be operated between these positions while the vehicle is either stopped or moving.

In case the operation is to be made while the vehicle is moving, operate the lever after easing the accelerator pedal with the vehicle running straight ahead.



Automatic transmission

⇐ "2H" → "4H"

1. Set the manual free-wheeling hubs to "LOCK" position.
2. The lever can be operated between these positions while the vehicle is either stopped or moving. In case the operation is to be made while the vehicle is moving, operate the lever after easing the accelerator pedal with the vehicle running straight ahead.

STARTING AND DRIVING

■ "4H" ⇌ "4L"

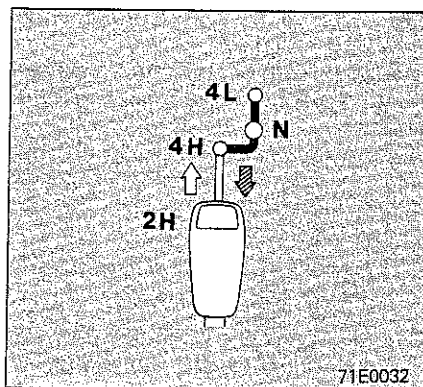
The lever can be operated between these positions while the vehicle is stopped.

Operate the transfer shift lever after setting the transmission selector lever to "N" (neutral) position.

◀ "4H" → "2H"

The lever can be operated between these positions while the vehicle is either stopped or moving.

In case the operation is to be made while the vehicle is moving, operate the lever after easing the accelerator pedal with the vehicle running straight ahead.



Vehicles equipped with automatic free-wheeling hubs

EI31D-B

Manual transmission

↔ "2H" → "4H"

The lever can be operated in this way while the vehicle is stopped, with or without depressing the clutch pedal.

NOTE

After the lever has been set to the "4H" position and the vehicle is driven a short distance, the free-wheeling hubs will automatically lock and the vehicle will change to four-wheel drive.

■ "4H" ⇌ "N" ⇌ "4L"

The lever can be operated between these positions while the vehicle is stopped and the clutch pedal depressed, or the transmission shift lever is set to neutral position.

◀ "4H" → "2H"

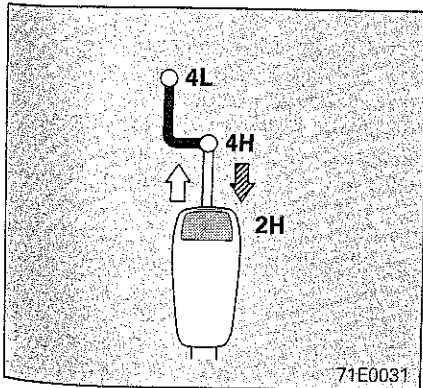
The lever can be operated in this way while the vehicle is either stopped or moving, with or without depressing the clutch pedal.

NOTE

Shifting from "4H" to "2H" does not immediately unlock the hubs.

To unlock the hubs, follow the procedure described in "TO UNLOCK THE HUBS" in the section "Automatic free-wheeling hubs". (See page 122.)

STARTING AND DRIVING



71E0031

Automatic transmission

↔ "2H" → "4H"

The lever can be operated in this way while the vehicle is stopped, and operate the transfer shift lever after setting the selector lever to "P" (Park) or "N" (Neutral) position.

NOTE

After the lever has been set to the "4H" position and the vehicle is driven a short distance, the free-wheeling hubs will automatically lock and the vehicle will change to four-wheel drive.

■ "4H" ⇌ "N" ⇌ "4L"

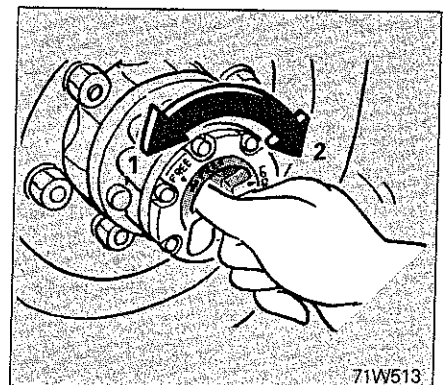
The lever can be operated between these positions while the vehicle is stopped and operate the transfer shift lever after setting the selector lever to "P" (Park) or "N" (Neutral) position.

↔ "4H" → "2H"

The lever can be operated in this way while the vehicle is either stopped or moving.

NOTE

Shifting from "4H" to "2H" does not immediately unlock the hubs. To unlock the hubs, follow the procedure described in "TO UNLOCK THE HUBS" in the section "Automatic free-wheeling hubs". (See page 122.)



71W513

Free-wheeling hubs*

E105A-A

If the vehicle is equipped with free-wheeling hubs, they are located on the front wheels.

By setting the free wheeling hubs to the "FREE" position when the shift lever is in the "2H" position, the drive power of the front drive line for the front wheels can be discontinued, thus resulting in more economical operation in addition to reduced noise.

By setting the free-wheeling hubs to the "LOCK" position when the shift lever is in either the "4H" position or the "4L" position, the drive power of the front drive line can be transmitted to the front wheels.

STARTING AND DRIVING

Manual free-wheeling hubs

The hubs are set to either the "FREE" position or the "LOCK" position by turning the handle.

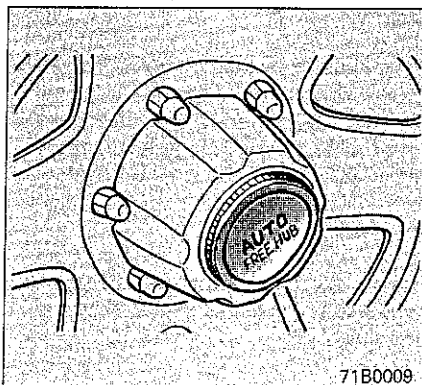
- 1 - FREE
This position is for rear-wheel drive.
- 2 - LOCK
This position is for four-wheel drive.

CAUTION

If four-wheel drive is to be used, both the left and right free-wheeling hubs must be set to the "LOCK" position.

Do not attempt to drive the vehicle with the transfer shift lever in either the "4H" or "4L" position if the free-wheeling hubs are in the "FREE" position.

If the setting of the free-wheeling hubs is to be changed after extended use of the brakes (such as for descending a long slope), allow them to cool first. The free-wheeling hubs can become extremely hot and could cause severe burns.



Automatic free-wheeling hubs

E105B-G

The hubs are automatically locked or unlocked according to the position of the transfer shift lever during driving.

TO LOCK THE HUBS

Bring the vehicle to a complete stop, move the transfer shift lever from "2H" to "4H" and then resume driving; the hubs will lock automatically, and four-wheel drive will begin.

TO UNLOCK THE HUBS

Move the transfer shift lever from "4H" to "2H" and after the vehicle has moved slowly straight ahead 1 to 2 m (3.3 to 6.6 ft.) in the opposite-direction to the direction traveled (reverse if the vehicle was moving forward, or forward if the vehicle was moving in reverse), the hubs will automatically unlock, and rear-wheel drive will be resumed.

The automatic free-wheeling hubs may make a noise when locking or unlocking, however this does not indicate any malfunction.

For rear-wheel drive on roads in good condition, the automatic free-wheeling hubs should be unlocked.

If changing from four-wheel drive to rear-wheel drive is to be done intermittently, it is possible to leave the automatic free-wheeling hubs locked. If this is done, the change to four-wheel drive can be made while driving, without stopping the vehicle.

The automatic free-wheeling hubs will remain locked during rear-wheel drive if the transfer shift lever is moved to "2H" during driving.

CAUTION

- (1) Even if automatic free-wheeling hubs are left locked during