

# FUEL AND EMISSION CONTROL SYSTEMS (FUEL INJECTION FE)

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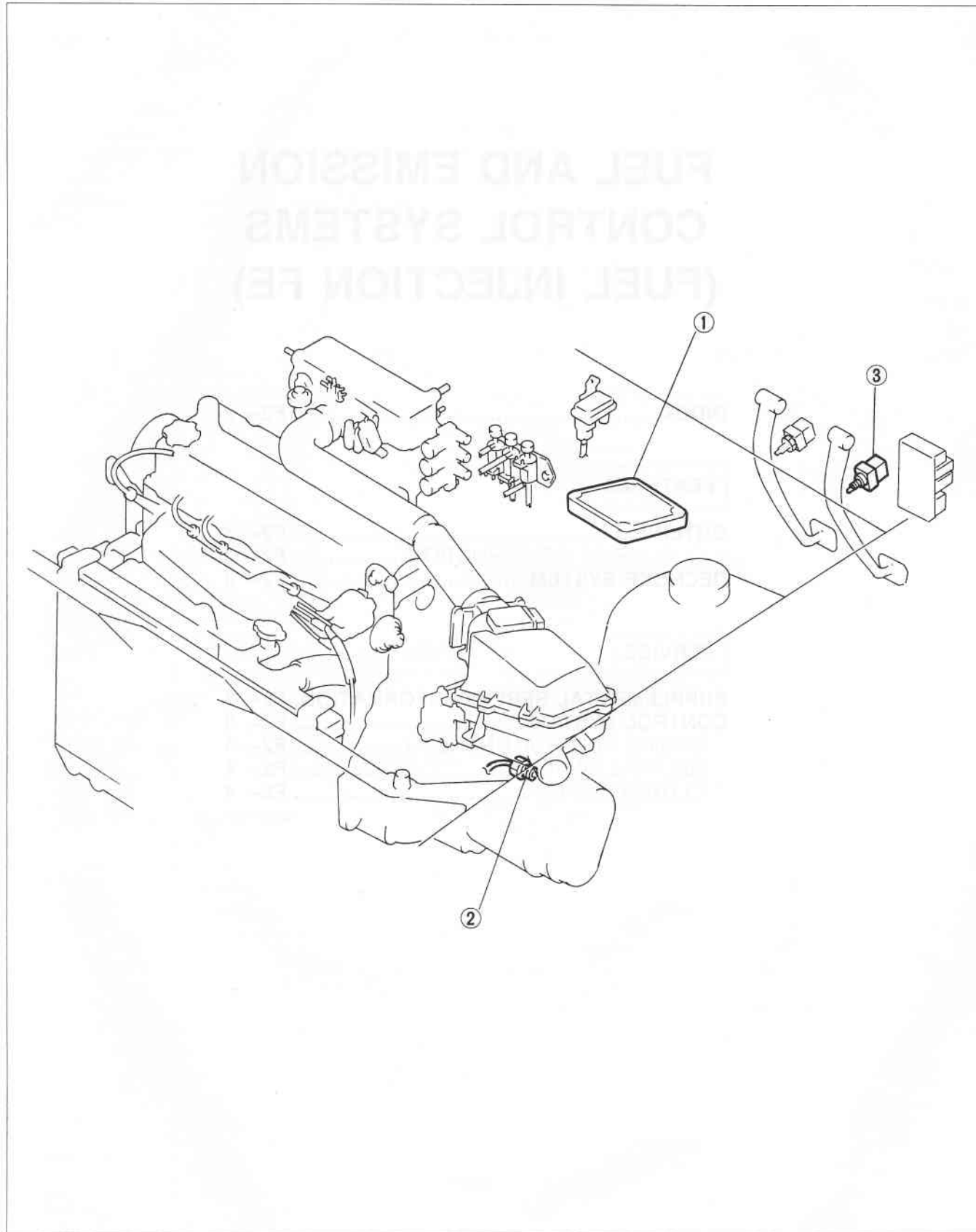
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## OUTLINE

### OUTLINE OF CONSTRUCTION

The fuel and emission control system of the new 626 Station Wagon is basically the same as that of the previous model, however certain changes have been made.

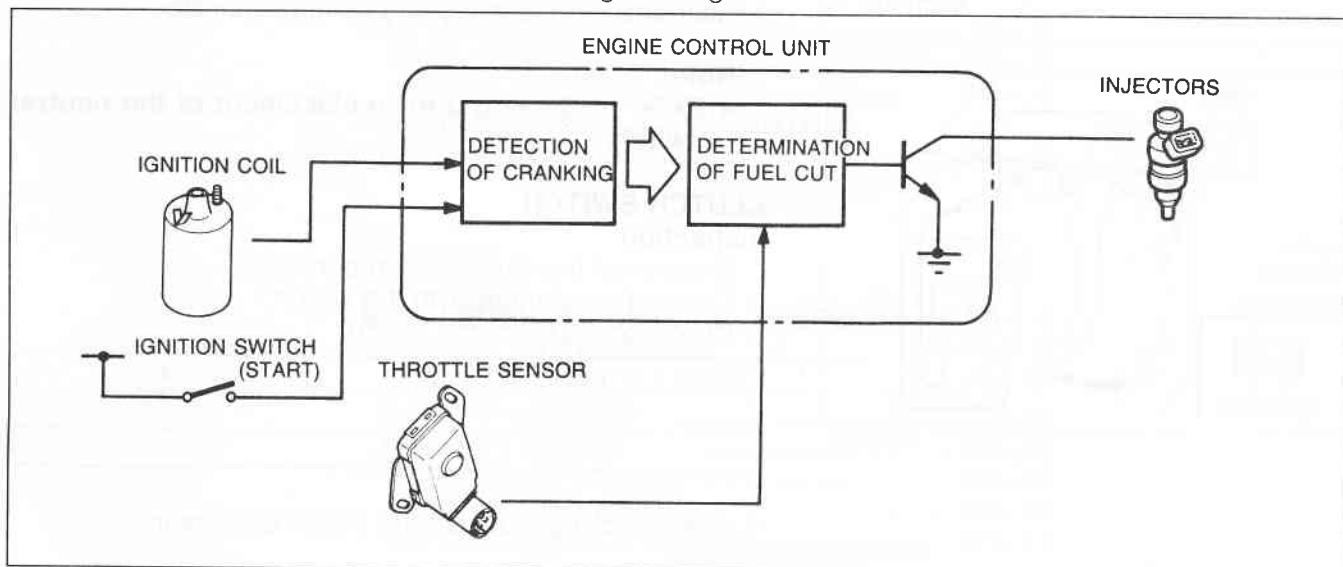
A comparison of the major parts of the new model and previous model is as follows

Item		Application		Purpose
		New model	Previous model	
Input sensors and switches	Clutch switch (MTX)	○ Normally open type	○ Normally closed type	For high durability
	Neutral switch (MTX)	○ Normally open type	○ Normally closed type	
Dechoke system		○	X	For good starting

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## DECHOKE SYSTEM

To clean out excess fuel in the cylinders, as is the case of engine flooding, no fuel is injected when the accelerator is held fully depressed while cranking the engine.



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## SUPPLEMENTAL SERVICE INFORMATION

The following points shown in this section are changed in comparison to Mazda 626 Workshop Manual (1163-10-87G) and Mazda 626 Station Wagon Workshop Manual Supplement (1182-10-88B).

### Control system

- Inspection of engine control unit terminal voltage
- Inspection of neutral switch
- Inspection of clutch switch

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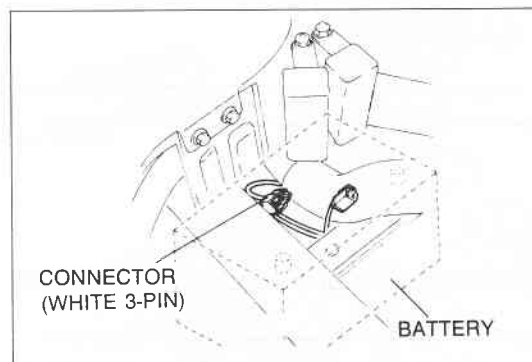
## CONTROL SYSTEM

## ENGINE CONTROL UNIT

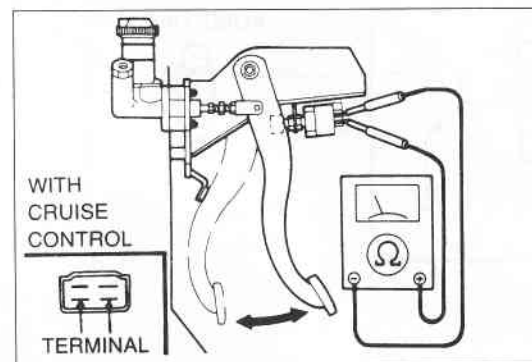
## Terminal Voltage

Terminal	Input	Output	Connection to	Voltage (After warming-up)		Remarks
				IGN: ON	Idle	
1V	○		MTX Neutral and clutch switch	In-gear condition Clutch pedal depressed: below 1.5V Clutch pedal released: battery voltage		Neutral: constant below 1.5V

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## NEUTRAL SWITCH

## Inspection

1. Disconnect the neutral switch connector.
2. Connect an ohmmeter to the switch.
3. Check continuity of the switch.

Transmission	Continuity
In neutral	Yes
In other ranges	No

4. After checking, connect the switch connector.

## Note

- Refer to Section J for replacement of the neutral switch.

## CLUTCH SWITCH

## Inspection

1. Disconnect the clutch switch connector.
2. Connect an ohmmeter to the switch.
3. Check continuity of the switch.

Pedal	Continuity
Depressed	Yes
Released	No

4. After checking, connect the switch connector.

## Note

- Refer to Section H for replacement of the clutch switch.