
GROUP 22

MANUAL TRANSMISSION

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GENERAL INFORMATION

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The F5M42 type manual transmission has been adopted. This transmission is basically the same as the F5M42 type used for LANCER.

SPECIFICATIONS

Item		Specification
Transmission model		F5M42-2-R7B5
Transmission type		5-speed forward, 1-speed reverse constant mesh
Transmission gear ratio	1st	3.583
	2nd	1.947
	3rd	1.379
	4th	1.030
	5th	0.820
	Reverse	3.363
Final reduction ratio (Differential gear ratio)		4.058
Speedometer gear ratio		30/36
Transmission oil	Specified lubricants	DiaQueen NEW MULTI GEAR OIL API classification GL-3, SAE 75W-80 or Gear oil API classification GL-4, SAE 75W-85W / 75W-90
	Quantity L	2.2

A detailed technical line drawing of a mechanical assembly, likely a pump or engine component, shown in a cross-sectional view. The drawing is oriented horizontally. The main body is a complex, multi-chambered structure. At the top, there is a large, curved, bowl-like component (1) that houses a central shaft (2) and a piston or plunger (3). This assembly is connected to a series of smaller, interconnected chambers and passages. A large, horizontal, cylindrical component (4) is positioned in the center, extending across the middle of the assembly. To the right, a large, curved, bowl-like component (5) is visible. Below the main body, there are several smaller, rectangular components (6, 7, 8, 9, 10, 11, 12, 13, 14) that appear to be part of a base or support structure. The drawing uses solid black lines for the main components and dashed lines for hidden internal features. The overall design is intricate, with many small details and components.

1. 4th gear
2. 3rd/4th synchronizer
3. 3rd gear
4. Transmission case
5. Clutch housing
6. Input shaft
7. Differential
8. 1st gear
9. 1st/2nd synchronizer
10. 2nd gear
11. 5th gear
12. 5th/Reverse synchronizer
13. Reverse gear
14. Output shaft

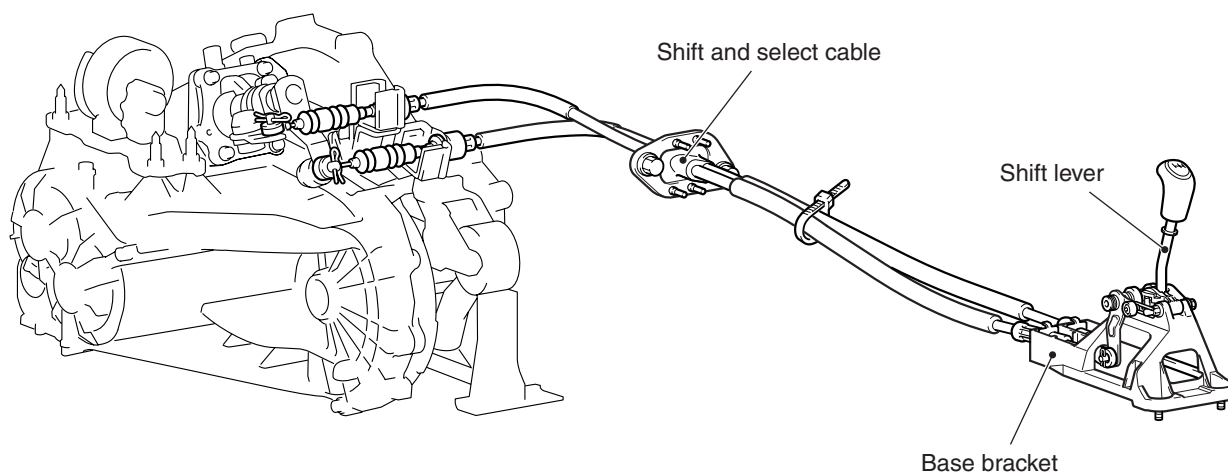
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TRANSMISSION CONTROL

GENERAL INFORMATION

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- The shift lever is the spherical rotary shaft fulcrum type.
- The base bracket is made of synthetic resin for the weight reduction.
- The shift and select cable securing portions have been elastically supported to reduce noise and vibration.
- A mass is incorporated into a shift knob to provide better shift operation feeling.



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