

# Service Information

## OEM COMPONENTS FOR VRZ TYPE INJECTION PUMPS FOR MITSUBISHI 4M41 MODEL ENGINES

Tables are now available of OEM components installed on the VRZ type injection pump for the Mitsubishi 4M41 model engine.

### 1. OUTLINE

The components in the tables below of the drive gear and bracket, etc, installed on the VRZ type pump for the Mitsubishi 4M41 model engine are Mitsubishi components.

These components are supplied through Mitsubishi channels, not through Bosch channels.

### 2. MITSUBISHI COMPONENTS

#### (1) For injection pump ZEXEL no.: 109144-305x

Key no.	Part name	Qty	Injection pump no.			Note
			ME204338	F019Z1D030, -D001 to -D003	109144-305x	
			MMC	Bosch	ZEXEL	
910	Bracket	1	ME203139	9443612888	149930-0620	
911	O-ring	1	MF520407	9443612863	149911-0600	
912	Washer	3	MF450006	9461626742	149919-0000	
914	Nut	3	MF434105	9443612879	149918-0000	
920	Gear	(1)	ME204368	9443612890	149931-1920	Not supplied
920/1	Gear	1	ME204369X	9443613479	149931-1910	
920/2	Gear	1	ME204370	9443613480	149931-2000	
920/3	Snap ring	1	ME204236	9443613481	149931-1600	
920/4	Spring	1	ME204192	9443613482	149931-1200	
920/5	Pin	2	ME204193	9443613483	149931-1300	
920/6	Pin	1	MF472404	9443613484	149931-1400	
920/8	Socket head bolt	1	ME204287	9443613485	149917-1500	
922	Nut	1	ME204337	9443612880	149918-0400	
923	Plate	1	ME203076	9443612889	149931-0600	
925	Bolt	4	MH001566	9443612878	149917-1400	
930	Bracket	1	ME203989	9443612887	149925-0520	
931	Bolt	3	MF140227	1463445041	149917-1000	
948	Hose	1	MS603003	9443612885	149921-0200	
949	Hose clip	2	MS660164	9443612886	149922-0000	
955	Pick up	2	ME203180	9443612892	149945-0220	
956	Bolt	2	MF140005	9443612875	149917-0700	

Note:

1. The previous part number of key no. 912, washer, was MH005068 (9 443 612 881, 149919-0100). The new part number can replace the old part number.
2. Key no. 920, gear (ME 204368), is not supplied. Individual assembly parts, key nos 920/1 to 920/8 are supplied. Refer to the service manual (EE14E-11163) for the assembly procedure.

**(2) For injection pump ZEXEL no.: 109144-306x**

Key no.	Part name	Qty	Injection pump no.			Note
			ME190711	F019Z1D032, -D007	109144-306x	
			MMC	Bosch	ZEXEL	
910	Bracket	1	ME203139	9443612888	149930-0620	
911	O-ring	1	MF520407	9443612863	149911-0600	
912	Washer	3	MF450006	9461626742	149919-0000	
914	Nut	3	MF434105	9443612879	149918-0000	
920	Gear	(1)	ME204368	9443612890	149931-1920	Not supplied
920/1	Gear	1	ME204369X	9443613479	149931-1910	
920/2	Gear	1	ME204370	9443613480	149931-2000	
920/3	Snap ring	1	ME204236	9443613481	149931-1600	
920/4	Spring	1	ME204192	9443613482	149931-1200	
920/5	Pin	2	ME204193	9443613483	149931-1300	
920/6	Pin	1	MF472404	9443613484	149931-1400	
920/8	Socket head bolt	1	ME204287	9443613485	149917-1500	
922	Nut	1	ME204337	9443612880	149918-0400	
923	Plate	1	ME203076	9443612889	149931-0600	
925	Bolt	4	MH001566	9443612878	149917-1400	
930	Bracket	1	ME190466	9443613392	149925-0600	
931	Bolt	3	MF140229	9443613391	149917-1600	
948	Hose	1	MS603003	9443612885	149921-0200	
949	Hose clip	2	MS660164	9443612886	149922-0000	
955	Pick up	2	ME203180	9443612892	149945-0220	
956	Bolt	2	MF140005	9443612875	149917-0700	

**Note:**

1. The previous part number of key no. 912, washer, was MH005068 (9 443 612 881, 149919-0100). The new part number can replace the old part number.
2. Key no. 920, gear (ME 204368), is not supplied. Individual assembly parts, key nos 920/1 to 920/8 are supplied. Refer to the service manual (EE14E-11163) for the assembly procedure.

(3) Exploded view

