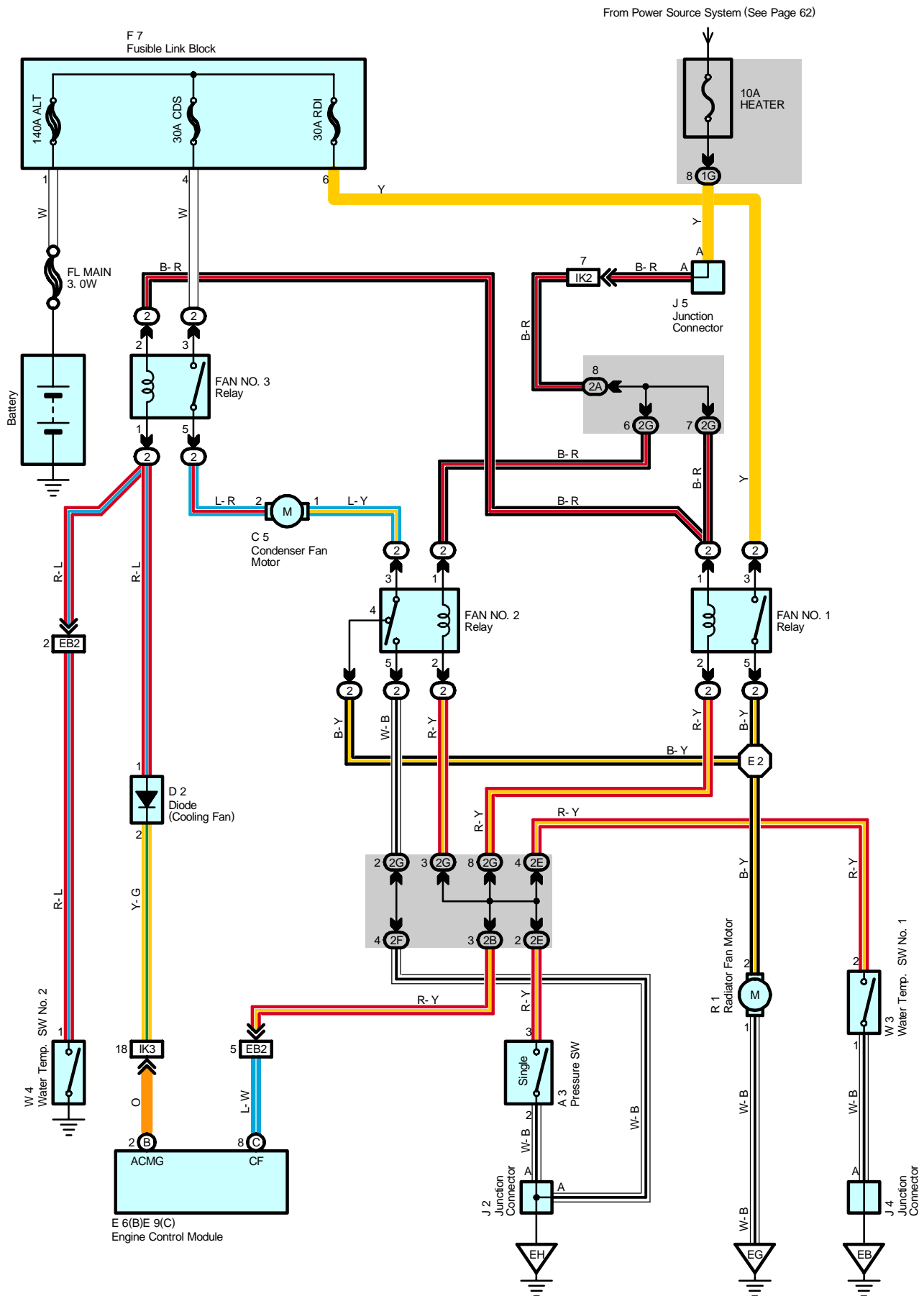


Radiator Fan and Condenser Fan for 3MZ-FE



System Outline

The radiator fan motor and condenser fan motor operates according to the water temp. SW NO.1, water temp. SW NO.2, A/C single pressure SW, and the A/C system condition. The FAN NO.1 relay, FAN NO.2 relay, FAN NO.3 relay are turned on/off, to operate the fan motors at low speed (In series), or high speed (In parallel).

Low Speed Operation

When the A/C system is operated, or the water temp. SW no.2 is turned on, the condenser fan motor and radiator fan motor rotate at low speed.

High Speed Operation

When the A/C single pressure SW is turned on, or the water temp. SW no.1 is turned on, the condenser fan motor and radiator fan motor rotate at high speed.

Service Hints

A3 Pressure SW

3-2 : Close above approx. 15.5 kgf/cm² (220 psi, 1520 kpa)
Open below approx. 12.5 kgf/cm² (178 psi, 1226 kpa)

W3 Water Temp. SW No. 1

2-1 : Close above approx. 95°C (203°F)

W4 Water Temp. SW No. 2

1-Ground : Close above approx. 90°C (198°F)

○ : PARTS LOCATION

Code		See Page		Code		See Page		Code		See Page	
A3		38 (3MZ-FE)		E9	C	42		J5		43	
C5		38 (3MZ-FE)		F7		38 (3MZ-FE)		R1		39 (3MZ-FE)	
D2		42		J2		39 (3MZ-FE)		W3		39 (3MZ-FE)	
E6	B	42		J4		39 (3MZ-FE)		W4		39 (3MZ-FE)	

○ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
2	22	Engine Room R/B (Engine Compartment Left)

○ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1G	29	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
2A	27	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2B		
2E		
2F		
2G		

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EB2	48 (3MZ-FE)	Engine Wire and Engine Room Main Wire (Front Side of Engine Room R/B)
IK2	54	Engine Room Main Wire and Cowl Wire (Right Cowl Side Panel)
IK3		

▽ : GROUND POINTS

Code	See Page	Ground Points Location
EB	48 (3MZ-FE)	Right Front Fender Apron
EG	48 (3MZ-FE)	Under the Left Headlight
EH		

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: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E2	48 (3MZ-FE)	Engine Room Main Wire			

