




































































**HINT:**

Use the table below to help determine the cause of problem symptoms. If multiple suspected areas are listed, the potential causes of the symptoms are listed in order of probability in the "Suspected Area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.

**Clutch System**

Symptom	Suspected Area	Link
Clutch grabs/chatters	Engine mounting (Loose)	-
	Clutch disc (Excessive runout) (for 1GR-FE)	
	Clutch disc (Excessive runout) (for 1VD-FTV)	
	Clutch disc (Excessive runout) (for 1HZ)	
	Clutch disc (Oily) (for 1GR-FE)	
	Clutch disc (Oily) (for 1VD-FTV)	
	Clutch disc (Oily) (for 1HZ)	
	Clutch disc (Worn out) (for 1GR-FE)	
	Clutch disc (Worn out) (for 1VD-FTV)	
	Clutch disc (Worn out) (for 1HZ)	
	Clutch disc torsion spring (Damaged) (for 1GR-FE)	
	Clutch disc torsion spring (Damaged) (for 1VD-FTV)	
	Clutch disc torsion spring (Damaged) (for 1HZ)	
	Clutch disc (Glazed) (for 1GR-FE)	
	Clutch disc (Glazed) (for 1VD-FTV)	
	Clutch disc (Glazed) (for 1HZ)	
	Diaphragm spring (Out of tip alignment) (for 1GR-FE)	
	Diaphragm spring (Out of tip alignment) (for 1VD-FTV)	
	Diaphragm spring (Out of tip alignment) (for 1HZ)	
Clutch pedal spongy	Clutch line (Air in line)	
	Master cylinder cup (Damaged) (for LHD)	
	Master cylinder cup (Damaged) (for RHD)	
	Release cylinder rubber (Damaged) (for 1GR-FE)	
	Release cylinder rubber (Damaged) (for 1VD-FTV)	
	Release cylinder rubber (Damaged) (for 1HZ)	
Clutch noisy	Clutch release bearing (Worn, dirty, or damaged) (for 1GR-FE)	
	Clutch release bearing (Worn, dirty, or damaged) (for 1VD-FTV)	
	Clutch release bearing (Worn, dirty, or damaged) (for 1HZ)	

Symptom	Suspected Area	Link
	Clutch release bearing (worn, dirty, or damaged) (for 1HZ)	
	Clutch disc torsion spring (Damaged) (for 1GR-FE)	
	Clutch disc torsion spring (Damaged) (for 1VD-FTV)	
Clutch slips	Clutch disc torsion spring (Damaged) (for 1HZ)	
	Clutch pedal (Free play out of adjustment) (for LHD)	
	Clutch pedal (Free play out of adjustment) (for RHD)	
	Clutch disc (Oily) (for 1GR-FE)	
	Clutch disc (Oily) (for 1VD-FTV)	
	Clutch disc (Oily) (for 1HZ)	
	Clutch disc (Worn out) (for 1GR-FE)	
	Clutch disc (Worn out) (for 1VD-FTV)	
	Clutch disc (Worn out) (for 1HZ)	
	Diaphragm spring (Damaged) (for 1GR-FE)	
	Diaphragm spring (Damaged) (for 1VD-FTV)	
	Diaphragm spring (Damaged) (for 1HZ)	
	Pressure plate (Distortion) (for 1GR-FE)	
	Pressure plate (Distortion) (for 1VD-FTV)	
	Pressure plate (Distortion) (for 1HZ)	
	Flywheel (Distortion) (for 1GR-FE)	
	Flywheel (Distortion) (for 1VD-FTV)	
	Flywheel (Distortion) (for 1HZ)	
Clutch does not disengage	Clutch pedal (Free play out of adjustment) (for LHD)	
	Clutch pedal (Free play out of adjustment) (for RHD)	
	Clutch line (Air in line)	
	Master cylinder cup (Damaged) (for LHD)	
	Master cylinder cup (Damaged) (for RHD)	
	Release cylinder cup (Damaged) (for 1GR-FE)	
	Release cylinder cup (Damaged) (for 1VD-FTV)	
	Release cylinder cup (Damaged) (for 1HZ)	
	Clutch disc (Out of true) (for 1GR-FE)	
	Clutch disc (Out of true) (for 1VD-FTV)	
	Clutch disc (Out of true) (for 1HZ)	

Symptom	Suspected Area	Link
	Clutch disc (Excessive runout) (for 1GR-FE)	
	Clutch disc (Excessive runout) (for 1VD-FTV)	
	Clutch disc (Excessive runout) (for 1HZ)	
	Clutch disc (Lining broken) (for 1GR-FE)	
	Clutch disc (Lining broken) (for 1VD-FTV)	
	Clutch disc (Lining broken) (for 1HZ)	
	Clutch disc (Dirty or burned) (for 1GR-FE)	
	Clutch disc (Dirty or burned) (for 1VD-FTV)	
	Clutch disc (Dirty or burned) (for 1HZ)	
	Clutch disc (Oily) (for 1GR-FE)	
	Clutch disc (Oily) (for 1VD-FTV)	
	Clutch disc (Oily) (for 1HZ)	
	Clutch disc (Lack of spline grease) (for 1GR-FE)	
	Clutch disc (Lack of spline grease) (for 1VD-FTV)	
	Clutch disc (Lack of spline grease) (for 1HZ)	