



# Infiniti

## Engine Change Programme

### Input Sheet

#### Vehicle Details

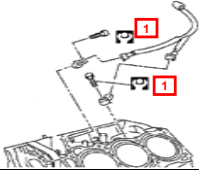
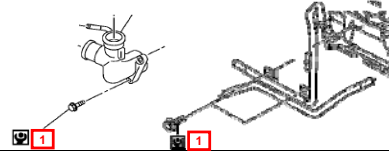
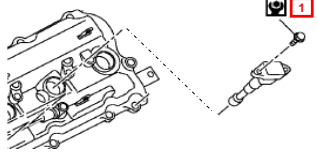
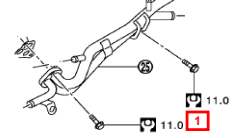
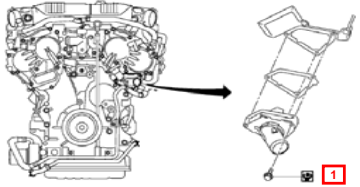
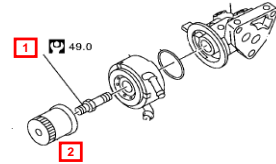
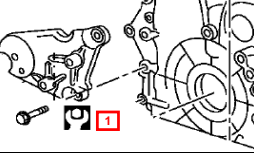
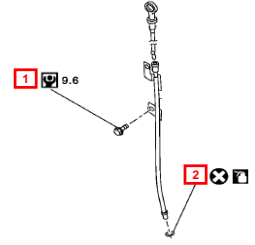
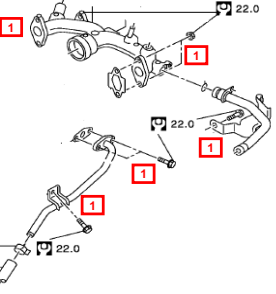
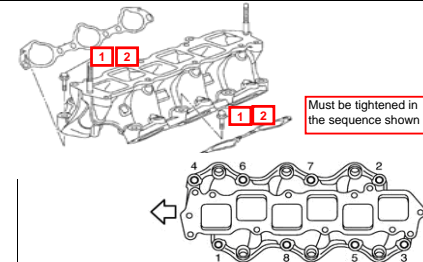
VIN Number		Registration Number / License Plate	
Old Engine Number			
New Engine Number			
Odometer (km)			

Additional Notes:

## TORQUE SPECIFICATION V36 Engine Dress

VIN

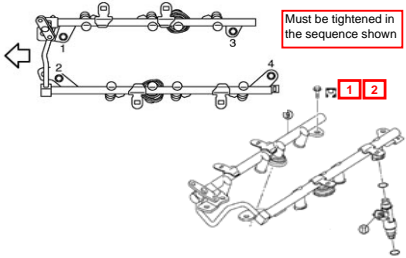

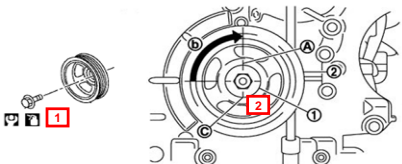
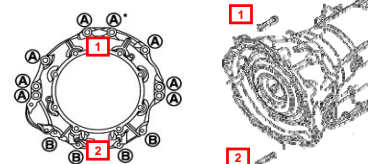
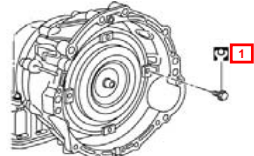
Supervisor Sign Off

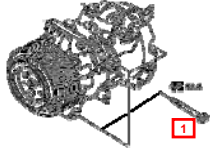
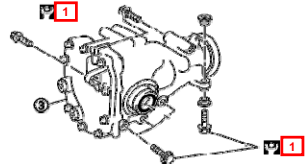
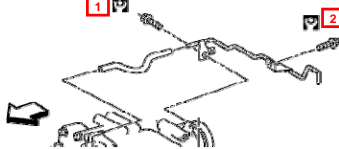
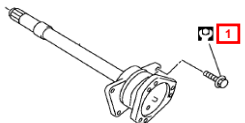
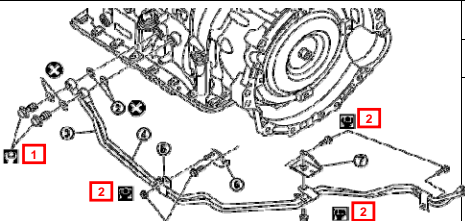
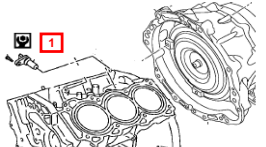
Component	Torque Specification	Tech Sign Off	Overcheck	Component	Torque Specification	Tech Sign Off	Overcheck
Knock Sensor		<div>1</div> 18Nm		Water Outlet to Engine Block		<div>1</div> 9 Nm	
Ignition Coils		<div>1</div> 7 Nm		Heater Piping to Engine Block		<div>1</div> 11 Nm	
Thermostat Bracket		<div>1</div> 9 Nm		Oil Cooler and Oil Filter		<div>1</div> 49 Nm <div>2</div> Contact + 2/3 turn	
Idle Pulley Bracket		<div>1</div> 60 Nm		Oil Level Gauge (Dip Stick)		<div>1</div> 10 Nm <div>2</div> Change	
Water Outlet Piping BRACKETS to ENGINE BLOCK		<div>1</div> 22 Nm <div>1</div> 22 Nm <div>1</div> 22 Nm <div>1</div> 22 Nm		Intake Manifold		<div>1</div> 8 Nm <div>2</div> 26 Nm	Step One Step Two

## TORQUE SPECIFICATION V36 Engine Dress

VIN

Supervisor Sign Off

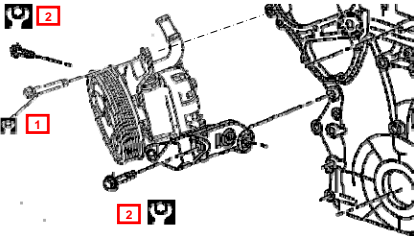


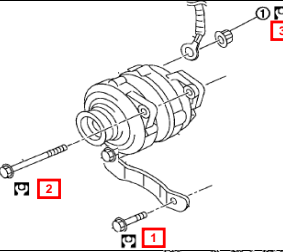



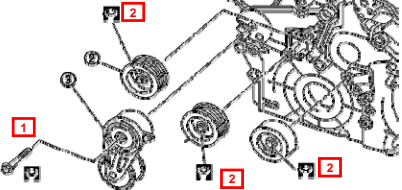


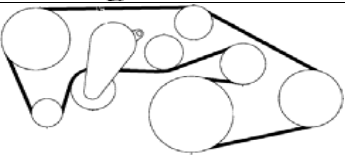
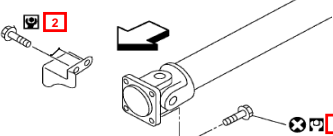


Component	Torque Specification	Tech Sign Off	Overcheck
Fuel Injector Rail Assembly		<b>1</b> 10 Nm	Step One
		<b>2</b> 24 Nm	Step Two
Flywheel		<b>1</b> 88 Nm	
Crank Pulley		<b>1</b> 45 Nm <b>2</b> 90°	
Transmission to Engine		<b>1</b> (A) 75 Nm	8 places
		<b>2</b> (B) 47 Nm	4 places
Flywheel to Torque Converter		<b>1</b> 51 Nm	

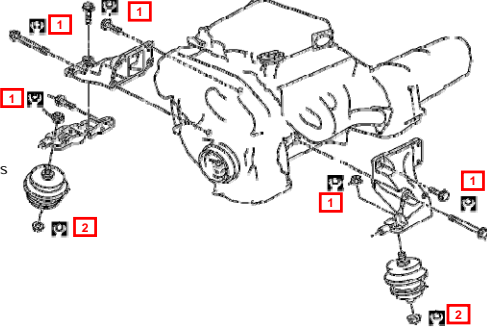


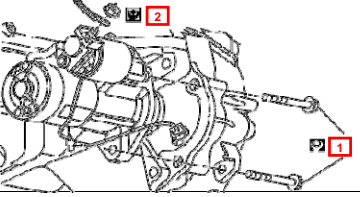


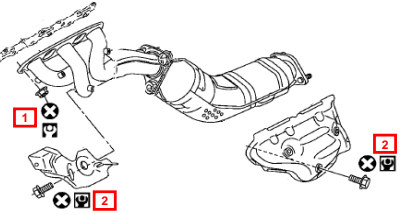


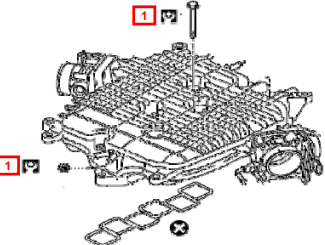

Component	Torque Specification	Tech Sign Off	Overcheck
Air Conditioning Compressor		<b>1</b> 30 Nm	
Front Final Drive		<b>1</b> 36 Nm	
Front Final Drive Breather		<b>1</b> 11 Nm	Engine Side
		<b>2</b> 28 Nm	Engine Rear
LH Drive Shaft		<b>1</b> 10 Nm	
Transmission Cooling Pipes		<b>1</b> 50 Nm	
		<b>2</b> 5 Nm	
Crank Angle Sensor		<b>1</b> 7 Nm	

## TORQUE SPECIFICATION V36 Engine Dress

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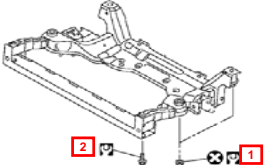
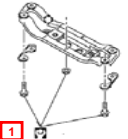

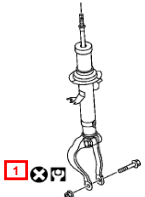
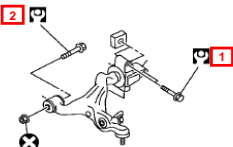
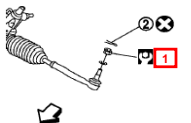
Component	Torque Specification	Tech Sign Off	Overcheck
Power Steering Oil Pump and Pump Bracket		 37 Nm	
		 61 Nm	
Alternator and Bracket		 28 Nm	Step to be performed after installation of Harness
		 65 Nm	
		 10 Nm	
Idle Pulleys		 56 Nm	
		 28 Nm	
Drive Belt		As Shown	
Front Prop Shaft		 40 Nm	
		 10 Nm	

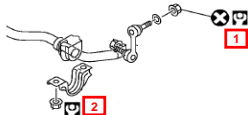
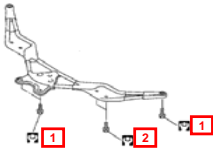
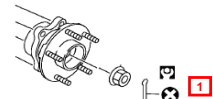
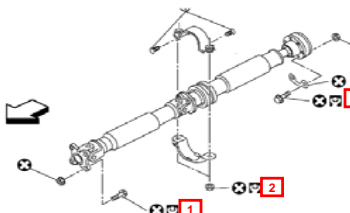
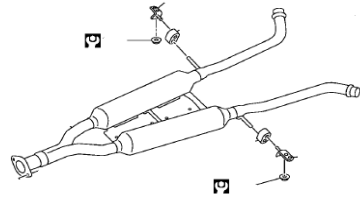
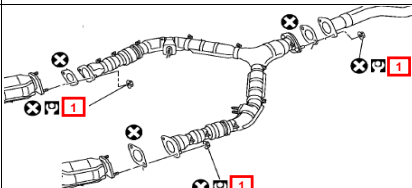
Component	Torque Specification	Tech Sign Off	Overcheck
Engine Mounts		 50 Nm	
		 93 Nm	
Starter		 50 Nm	Step to be performed after installation of Harness
		 10 Nm	
Exhaust Manifold & Heat Shields		 30 Nm	
		 6 Nm	
Intake Manifold Collector		 20 Nm	

# TORQUE SPECIFICATION V36 Engine Install

VIN

Supervisor Sign Off


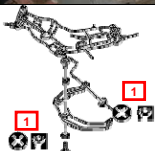

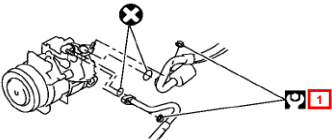
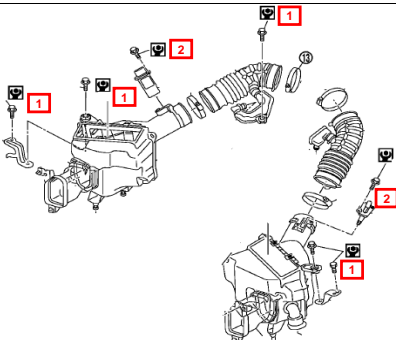
Component	Torque Specification	Tech Sign Off	Overcheck
Front Suspension Member		<b>1</b> 130 Nm	55269 2Y00A
		<b>2</b> 38 Nm	
Transmission Assembly Support Bracket		<b>1</b> 50 Nm	
Steering Shaft Lower		<b>1</b> 27 Nm	ALIGN WITH PAINT MARKS
Shock Absorber Lower		<b>1</b> 92 Nm	01225 00072
Transverse Link to Knuckle		<b>1</b> 130 Nm	54588 2Y00A
		<b>2</b> 120 Nm	
Steering Ball Joint		<b>1</b> 35 Nm	08921 3252A

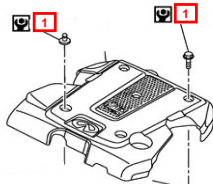
Component	Torque Specification	Tech Sign Off	Overcheck
Stabilizer Bar		<b>1</b> 100 Nm	54588 1BA2A
		<b>1</b> 50 Nm	
Front Suspension Reinforcement		<b>1</b> 63 Nm	
		<b>2</b> 45 Nm	
Front Drive Shaft		<b>1</b> 125 Nm	40073 0L700
Rear Prop Shaft		<b>1</b> 75 Nm	37171-AL60A 37121-JK20A
		<b>2</b> 45 Nm	37120-AH00A 01225-00062
		<b>3</b> 57 Nm	37120-CG20A 37121-30P00 37171-7S00A
Exhaust Hanger Brackets		<b>1</b> 15 Nm	
Exhaust Y Pipe		<b>1</b> 55 Nm	20602 41G0A 08918 3401A 20692 65J00 20692 JK00A

## TORQUE SPECIFICATION V36 Engine Install

VIN

Supervisor Sign Off

Component	Torque Specification	Tech Sign Off		Overcheck
Exhaust Tunnel Bracket		<span style="border: 1px solid red; padding: 2px;">1</span>	30 Nm	
Catalytic Converter Bracket		<span style="border: 1px solid red; padding: 2px;">1</span>	30 Nm	01225 00062 20606 AF40A
Wheels		<span style="border: 1px solid red; padding: 2px;">1</span>	110 Nm	
A/c Condensor Pipes		<span style="border: 1px solid red; padding: 2px;">1</span>	14 Nm	92472 N8210 92474 N8210
Air Box and Inlet		<span style="border: 1px solid red; padding: 2px;">1</span>	6 Nm	
		<span style="border: 1px solid red; padding: 2px;">2</span>	2 Nm	
		Screw Rings	5 Nm	

Component	Torque Specification	Tech Sign Off		Overcheck
Engine Cover		<span style="border: 1px solid red; padding: 2px;">1</span>	6 Nm	