



Infiniti

Engine Change Programme

Input Sheet

Vehicle Details

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



Infiniti

Engine Change Programme

In-Car Checksheet

VIN #			
Model			
Old Eng#		New Eng#	
Mileage		Fuel Level	

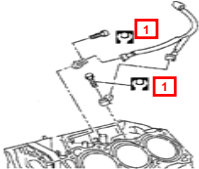
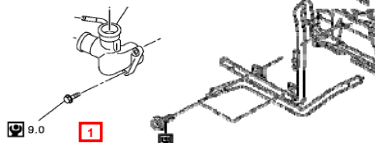
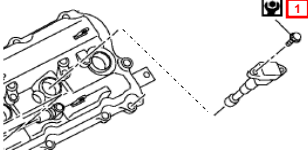
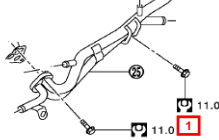
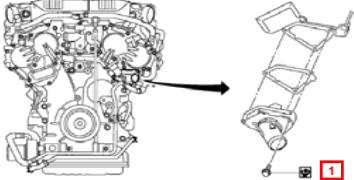
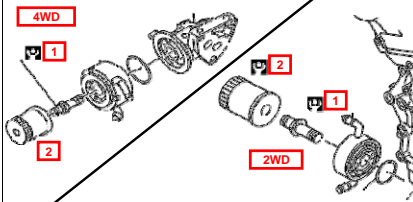
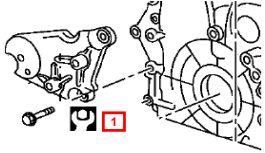
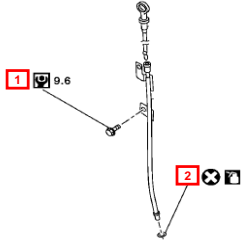
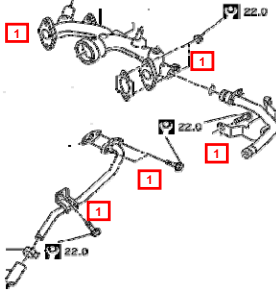
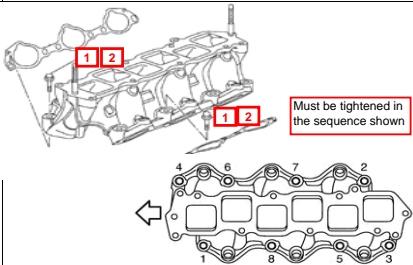
	Number	Tick
Incoming Vehicle Check		
1st Consult III DTC Check		
Engine Change Date:		
Fluid Refill		
1st Fluid Level Check		
Engine Balance		
2nd Consult III DTC Check		
Suspension Settle		
Alignment Date:		
A/C Refill		
Road Test Mileage: Date:		
2nd Fluid Level Check		
Engine Bay Check		
Outgoing Inspection		
Customer / Dealer Return Letter		
Clean (Interior & Exterior)		

Additional Notes:

TORQUE SPECIFICATION V36 Engine Dress

VIN

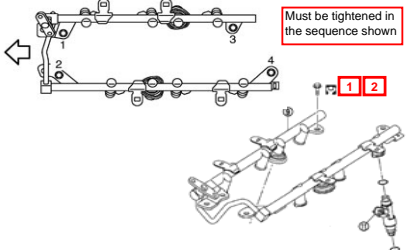

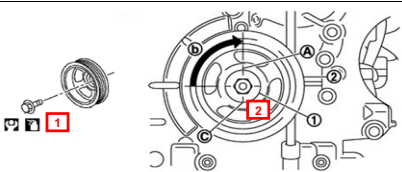
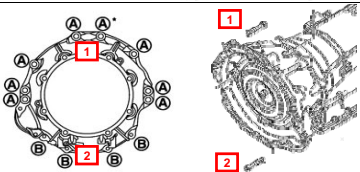
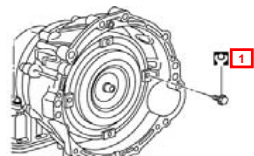
Supervisor Sign Off


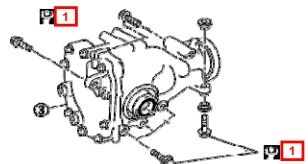
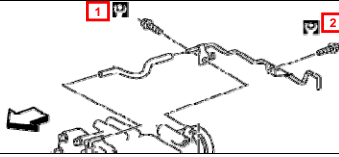
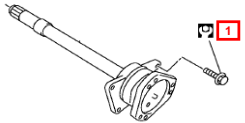
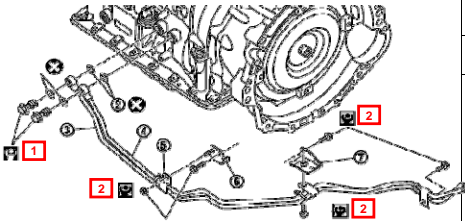
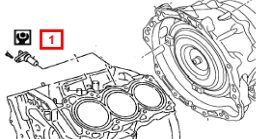
Component	Torque Specification	Tech Sign Off	Overcheck	Component	Torque Specification	Tech Sign Off	Overcheck
Knock Sensor		<div>1</div> 18Nm		Water Outlet to Engine Block		<div>1</div> 9 Nm	
Ignition Coils		<div>1</div> 7 Nm		Heater Piping to Engine Block		<div>1</div> 11 Nm	
Thermostat Bracket		<div>1</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		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

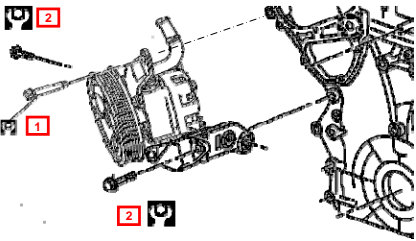


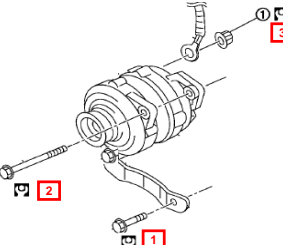



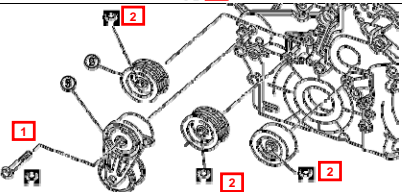


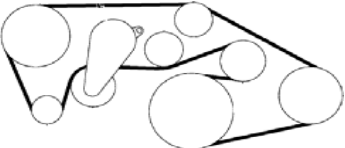
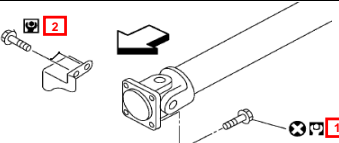


Component	Torque Specification	Tech Sign Off	Overcheck
Fuel Injector Rail Assembly		1 10 Nm	Step One
		2 24 Nm	Step Two
Flywheel		1 88 Nm	
Crank Pulley		1 45 Nm 2 90°	
Transmission to Engine		1 (A) 75 Nm	8 places
		2 (B) 47 Nm	4 places
Flywheel to Torque Converter		1 51 Nm	A/T ONLY

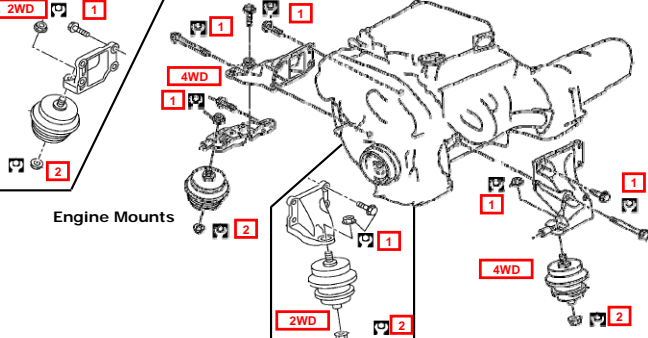


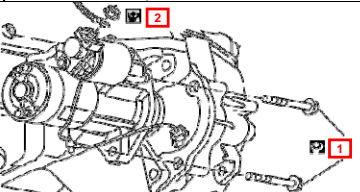


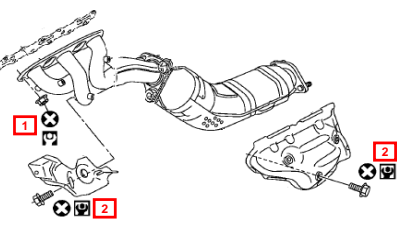


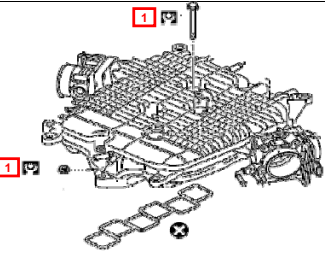

Component	Torque Specification	Tech Sign Off	Overcheck
Air Conditioning Compressor		1 30 Nm	
Front Final Drive		1 36 Nm	4WD ONLY
Front Final Drive Breather		1 11 Nm	Engine Side
		2 28 Nm	Engine Rear
			4WD ONLY
LH Drive Shaft		1 10 Nm	4WD ONLY
Transmission Cooling Pipes		1 50 Nm	A/T ONLY
		2 5 Nm	
Crank Angle Sensor		1 7 Nm	

TORQUE SPECIFICATION V36 Engine Dress

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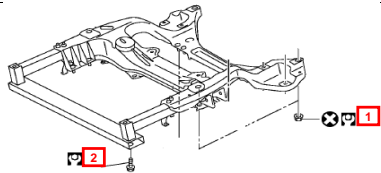
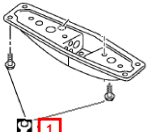
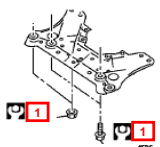

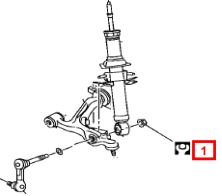
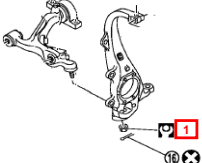
Component	Torque Specification	Tech Sign Off	Overcheck
Power Steering Oil Pump and Pump Bracket		 37 Nm	
		 61 Nm	
Alternator and Bracket		 28 Nm	Step to be performed after installation of Harness
		 65 Nm	
		 10 Nm	
Idle Pulleys		 56 Nm	
		 28 Nm	
Drive Belt		As Shown	
Front Prop Shaft		 40 Nm	4WD ONLY
		 10 Nm	

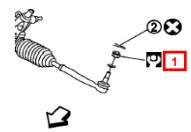
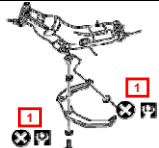
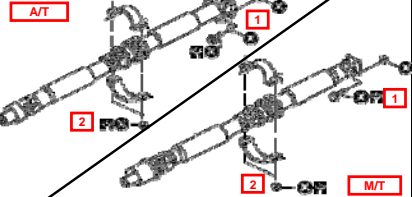
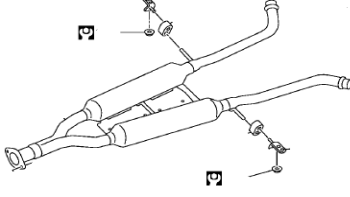
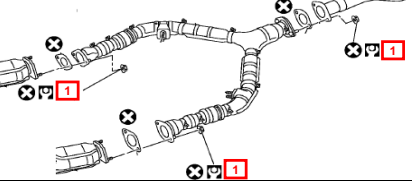

Component	Torque Specification	Tech Sign Off	Overcheck
Engine Mounts		 50 Nm	
		 93 Nm	
Starter		 50 Nm	Step to be performed after installation of Harness
		 10 Nm	
Exhaust Manifold & Heat Shields		 30 Nm	
		 6 Nm	
Intake Manifold Collector		 20 Nm	

TORQUE SPECIFICATION V36 Engine Install

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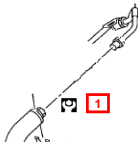
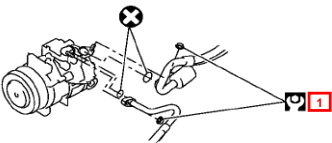
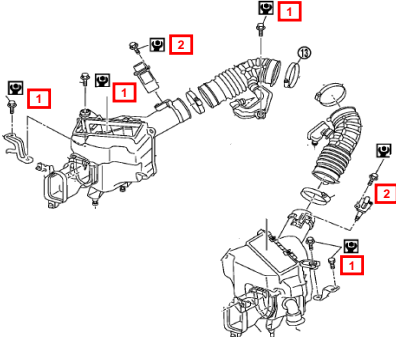
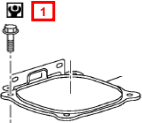
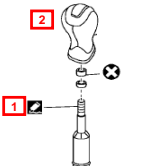
Component	Torque Specification	Tech Sign Off	Overcheck
Front Suspension Member		1 120 Nm	54588 JK03A
		2 82 Nm	
Transmission Assembly Support Bracket		1 50 Nm	
Front Suspension Reinforcement		1 40 Nm	
Steering Shaft Lower		1 27 Nm	ALIGN WITH PAINT MARKS
Shock Absorber Lower		1 163 Nm	
Transverse Link to Knuckle		1 136 Nm	08921 3252A


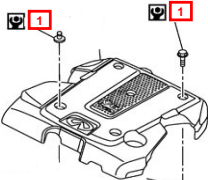
Component	Torque Specification	Tech Sign Off	Overcheck
Steering Ball Joint		1 35 Nm	08921 3252A
Catalytic Converter Bracket		1 30 Nm	01225 00062 20606 AF40A
Rear Propeller Shaft		1 75 Nm	ALL 01225 00062 MT 31720 AL60A MT 37171 AL60A AT 37120 AH00A AT 37121 JK20A AT 37171 AL60A
		2 45 Nm	
Exhaust Hanger Brackets		1 15 Nm	
Exhaust Y Pipe		1 55 Nm	20602 41G0A 08918 3401A 20692 65J00 20692 JK00A
Exhaust Tunnel Bracket		1 30 Nm	

TORQUE SPECIFICATION V36 Engine Install

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Component	Torque Specification	Tech Sign Off	Overcheck
Clutch Hose to Tube		<div>116 nm</div>	<div>Bleeder screw torque 5 Nm</div>
A/c Condensor Pipes		<div>114 Nm</div>	<div>92472 N8210 92474 N8210</div>
Air Box and Inlet		<div>16 Nm</div> <div>22 Nm</div> <div>Screw Rings 5 Nm</div>	
Shift Lever Hole Cover		<div>16 Nm</div>	<div>M/T ONLY</div>
Gear Knob		<div>1Apply Loctite</div> <div>2Hand Tight</div>	<div>Must have correct alignment</div> <div>34115 CD000</div>

Component	Torque Specification	Tech Sign Off	Overcheck
Wheels		<div>1110 Nm</div>	
Engine Cover		<div>16 Nm</div>	