

SST AND SSM

REFER TO 1988 CELICA REPAIR MANUAL
(Pub. No. RM071U)

NOTE: The following pages contain only the points which differ from the above listed manual.

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SST AND SSM – SST (Special Service Tools)

SST (SPECIAL SERVICE TOOLS)

NOTE: Classification

A = SST required for vehicle inspections and minor repairs and multipurpose SST.

B = SST required for major repairs involving disassembly of components.

C = SST required for rather special, less frequent work not of classifiable as either A or B.

Section	Classification	Part Name	Part No.	Illustration	EM	TC	FI	CO	LU	ST	CL	MT	PR	FA	RA	BR	SR	BE
		Hexagon 10 mm Wrench	09043-38100		A	●						●						
		Hexagon 8 mm Wrench	09043-88010		A									●				
		Valve Guide Bushing Remover & Replacer	09201-60011		A							*1						
		Crankshaft Pulley Holding Tool	09213-14010		A	●												
		Crankshaft Pulley Puller	09213-31021		A	●												
		Crankshaft Rear Oil Seal Replacer	09223-15010		B							*2		*3				
		Crankshaft Front Oil Seal Replacer	09223-50010		B	*4												
		Oil Filter Wrench	09228-07500		A				●									
		Injection Measuring Tool Set	09268-41045		B		●											

Remarks:

*1 Speedometer driven gear oil seal

*2 Transmission case oil seal

*3 Transaxle side gear shaft oil seal

*4 Camshaft oil seal

SST AND SSM – SST (Special Service Tools)

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SST (SPECIAL SERVICE TOOLS) (Cont'd)

Section	Classification	Part Name	Part No.	Illustration	EM	TC	FI	CO	LU	ST	CL	MT	PR	FA	RA	BR	SR	BE
							●											
			09268-45012	(EFI Fuel Pressure Gauge)	A													
			09301-17010	(Clutch Guide Tool)	A						●							
			09307-12010	(Extension Housing Bushing Replacer)	B							*1						
			09308-00010	(Oil Seal Puller)	A							●		●	●			
			09308-10010	(Oil Seal Puller)	A										●			
			09309-36010	(Transmission Rear Bearing Replacer)	B							●			*2			
			09310-17010	(Transaxle Gear Remover & Replacer)	B							●						
			(09310-07010)	(Plate)								●						
			(09310-07020)	(Center Bolt)								●						
			(09310-07030)	(Set Bolt)								●						
			(09310-07040)	(Claw)								●						
			(09310-07050)	(Adaptor)								●						

Remarks:

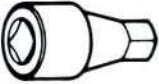
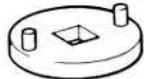
*1 Output shaft front bearing

*2 Rear axle hub

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SST AND SSM – SST (Special Service Tools)

SST (SPECIAL SERVICE TOOLS) (Cont'd)

Section	Classification	Part Name	Part No.	Illustration	EM	TC	FI	CO	LU	ST	CL	MT	PR	FA	RA	BR	SR	BE
					09313-30021	(Detent Ball Plug Socket)	A					●						
					09316-20011	(Transfer Bearing Replacer)	B					●						
					09316-60010	(Transmission & Transfer Bearing Replacer)	B					●						
					(09316-00010)	(Replacer Pipe)						●						
					(09316-00020)	(Replacer "A")						●						
					(09316-00040)	(Replacer "C")						●						
					(09316-00050)	(Replacer "D")						●						
					(09316-00060)	(Replacer "E")						●						
					(09316-00070)	(Replacer "F")						●						
					09318-20010	(Transfer Side Bearing Adjusting Nut Wrench)	B					●						
					09325-20010	(Transmission Oil Plug)	A					● ^{*1}	●	●			●	
					09326-20011	(Output Shaft Bearing Lock Nut Wrench)	B					●						

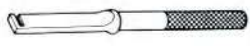
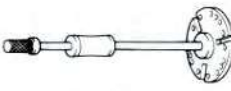
Remark:

*1 Extension housing oil seal

SST AND SSM – SST (Special Service Tools)

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SST (SPECIAL SERVICE TOOLS) (Cont'd)

Section	Classification	Part Name	Part No.	Illustration	EM	TC	FI	CO	LU	ST	CL	MT	PR	FA	RA	BR	SR	BE
			09330-00021	(Companion Flange Holding Tool)	A	*1							●		●			
			09332-25010	(Universal Joint Bearing Remover & Replacer)	B								●					
			09333-00013	(Clutch Diaphragm Spring Aligner)	B						●							
			09504-22011	(Differential Side Washer Remover & Replacer)	B										●			
			09506-30012	(Differential Drive Pinion Bearing Cone Replacer)	B							●			●			
			09506-35010	(Differential Drive Pinion Rear Bearing Replacer)	B							●						
			09520-32012	(Differential Side Gear Shaft Puller)	A									●				
			09527-21011	(Rear Axle Shaft Bearing Remover)	B								●					
			09550-10012	("B" Replacer Set)	B							●						
			(09252-10010)	(No. 1 Replacer Handle)								●						
			(09555-10010)	(Differential Drive Pinion Rear Bearing Replacer)								●						
			09550-22011	(Rear Axle Bearing & Differential Tool Set)	B										●			

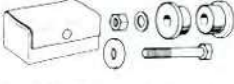
Remark:

*1 Crankshaft pulley

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SST AND SSM – SST (Special Service Tools)

SST (SPECIAL SERVICE TOOLS) (Cont'd)

Section	Classification	Part Name	Part No.	Illustration	EM	TC	FI	CO	LU	ST	CL	MT	PR	FA	RA	BR	SR	BE
															●			
			(09550-00020) (Handle)															
			(09550-00031) (Replacer)												●			
			09554-22010 (Differential Oil Seal Replacer)		A										●			
			09556-22010 (Drive Pinion Front Bearing Remover)		B										●			
			09557-22022 (Companion Flange Remover & Replacer)		A								●		●			
			09608-12010 (Front Hub & Drive Pinion Bearing Replacer Set)		B							●						
			(09608-00020) (Remover & Replacer Handle)									●						
			(09608-00060) (Drive Pinion Front Bearing Cup Replacer)									●						
			(09608-00080) (Differential Side Bearing Cone Replacer)									●						
			09608-16041 (Front Hub Bearing Adjusting Tool)		B									●	●			
			(09608-02020) (Bolt & Nut)											●	●			
			(09608-02040) (Retainer)											●	●			

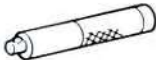
Remark:

*1 Hub bearing

SST AND SSM – SST (Special Service Tools)

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SST (SPECIAL SERVICE TOOLS) (Cont'd)

Section	Classification	Part Name	Part No.	Illustration	EM	TC	FI	CO	LU	ST	CL	MT	PR	FA	RA	BR	SR	BE
	09608-30012	(Front Hub & Drive Pinion Bearing Tool Set)	B												●			
	(09608-00060)	(Replacer)													●			
	(09608-04020)	(Handle)													●			
	(09608-04100)	(Drive Pinion Front Bearing Cup Replacer)													●			
	(09608-04110)	(Drive Pinion Rear Bearing Cup Replacer)													*1			
	09608-32010	(Steering Knuckle Oil Seal Replacer)	B												*2			
	09608-35014	(Axle Hub & Drive Pinion Bearing Tool Set)	B									●						
	(09608-06020)	(Handle)										●						
	(09608-06180)	(Drive Pinion Rear Bearing Cup Replacer)										●						
	(09608-06210)	(Rear Axle Bearing Replacer)										●						
	09611-22012	(Tie Rod End Puller)	A											●			●	
	09612-00012	(Rack & Pinion Steering Rack Housing Stand)	B														●	

Remarks:

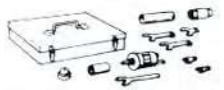
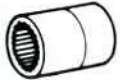
*1 Rear axle hub inner oil seal

*2 Rear axle hub

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SST AND SSM – SST (Special Service Tools)

SST (SPECIAL SERVICE TOOLS) (Cont'd)

Section	Classification	Part Name	Part No.	Illustration	EM	TC	FI	CO	LU	ST	CL	MT	PR	FA	RA	BR	SR	BE
																	●	
			09612-10093	(Steering Gear Housing Overhaul Tool Set)	B													
			(09628-10020)	(Ball Joint Lock Nut Wrench)													*1	
																	*2	
			09612-22011	(Tilt Handle Bearing Replacer)	B													
																	●	
			09612-24013	(Steering Gear Housing Overhaul Tool Set)	B													
			(09612-10022)	(Hexagon Wrench)													●	
			(09612-10061)	(Steering Pinion Bearing Replacer)													●	
			(09617-24010)	(Steering Rack Wrench)													●	
			(09617-24020)	(Steering Pinion Bearing Adjusting Screw Lock Nut Wrench)													●	
																		
			09612-65014	(Steering Worm Bearing Puller)	B													
																	●	
			09616-00010	(Steering Worm Bearing Adjusting Socket)	B													
																		
			09616-30011	(Steering Worm Bearing Adjusting Screw Wrench)	B	*4												
																	●	
			09620-30010	(Steering Gear Box Replacer Set)	B													

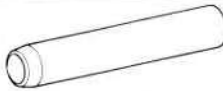
Remarks:

- *1 Rack end
- *2 Steering cylinder end stopper
- *3 Input shaft front bearing
- *4 Oil pump pulley

SST AND SSM – SST (Special Service Tools)

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SST (SPECIAL SERVICE TOOLS) (Cont'd)

Section	Classification	Part Name	Part No.	Illustration	EM	TC	FI	CO	LU	ST	CL	MT	PR	FA	RA	BR	SR	BE
																	●	
			(09624-30010)	(Steering Sector Shaft Oil Seal Replacer)														
												●						
			(09625-30010)	(Steering Main Shaft Bearing Replacer)														
												●						
			(09627-30010)	(Steering Sector Shaft Bushing Replacer)														
												●					●	
			(09631-00020)	(Handle)														
					B												●	
			09630-24013	(Steering Rack Oil Seal Tool Set)														
																	●	
			(09620-24010)	(Valve Cup Oil Seal Remover)														
																	●	
			(09620-24020)	(Valve Cup Oil Seal Replacer)														
																	●	
			(09620-24030)	(Valve Cup Bearing Replacer)														
					B												●	
			09631-12020	(Handle)														
					B												●	
			09631-12070	(Steering Rack Oil Seal Test Tool)														
					B												●	
			09631-20031	(Oil Seal "B" Remover)														
					B												●	
			09631-20051	(Steering Rack "C" Cover)														

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SST AND SSM – SST (Special Service Tools)

SST (SPECIAL SERVICE TOOLS) (Cont'd)

Section	Classification	Part Name	Part No.	Illustration	EM	TC	FI	CO	LU	ST	CL	MT	PR	FA	RA	BR	SR	BE
			09631-20070	(Seal Ring Guide)	B												●	
			09631-20081	(Seal Ring Tool)	B												●	
			09631-22020	(Power Steering Hose Nut.14 x 17 Wrench)	A												●	
			09631-32010	(Oil Seal Replacer)	B												●	
			09633-00020	(Power Steering Hose Nut Wrench)	A												●	
			09636-20010	(Upper Ball Joint Dust Cover Replacer)	B										● ^{*1}			
			09710-22020	(Front Suspension Bushing Tool Set)	B										●			
			(09710-01030)	(Upper Arm Bushing Replacer)											● ^{*2}			
			09726-10010	(Lower Suspension Arm Bushing Remover & Replacer)	B									●				
			(09726-00030)	(Spacer)										● ^{*3}				
			09751-36011	(Brake Tube Union Nut 10 x 12 Wrench)	A											●		
			09842-30050	(Wiring "A" EFI Inspection)	B		●											

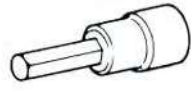
Remarks:

- *1 Rear axle shaft
- *2 Differential
- *3 Front drive shaft

SST AND SSM – SST (Special Service Tools)

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SST (SPECIAL SERVICE TOOLS) (Cont'd)

Section	Classification	Part Name	Part No.	Illustration	EM	TC	FI	CO	LU	ST	CL	MT	PR	FA	RA	BR	SR	BE
							●											
			09842-30060	(Wiring "E" EFI Inspection)	B													
												●						
			09910-00015	(Puller Set)	B													
												*1						
			09921-00010	(Spring Tension Tool)	A							●						
													●					
			09923-00020	(Hexagon Wrench)	B													
												●			●			
			09950-00020	(Bearing Remover)	B													
												●	●		●			
			09950-20017	(Universal Puller)	A													
																●		
			09990-00150	(A.B.S. (Anti-lock Brake System) Actuator Checker & Sub-harness)	C													
																●		
			09990-00163	(A.B.S. Checker Sheet "A")	C													
							●											●
			09992-00241	(Turbocharger Pressure Gauge)	C													

Remark:

*1 Speedometer driven gear oil seal

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SST AND SSM – SSM (Special Service Materials)

SSM (SPECIAL SERVICE MATERIALS)

Part Name	Part No.	Sec.	Use etc.
Seal packing or equivalent	08826-00080	EM	Cylinder head cover, Camshaft bearing cap
Seal packing 1281, Three bond 1281 or equivalent	08826-00090	MT	Transmission case Control shaft cover Transfer case Transfer inspection hole cover Transfer right case
		RA	Differential carrier
Seal packing 1121, Three bond 1121 or equivalent	08826-00801	PR	Universal joint cover
		FA	The contact surface of the outer race and cover of the drive shaft
Adhesive 1324, Three bond 1324 or equivalent	08833-00070	CL	Release fork support
		MT	Rear bearing retainer set bolt
Adhesive 1344, Three bond 1344, Loctite 242 or equivalent	08833-00080	MT	Straight screw plug Transmission case cover set bolt Transmission case set bolt Transaxle case set bolt Transfer case set bolt Transfer right case set bolt Shift and select lever shaft assembly set bolt
		SR	Bearing guide nut Bearing guide nut lock nut Rack guide spring cap Rack guide spring cap lock nut