

Make **Nissan** Since Oct 2010, ATS silent discs are used for the standard LSD & Defforce LSD

Model	Year	Chassis	Engine	Trim	Section	Replacement Diff	Standard			Silent LSD			Defforce			Carbon LSD (1st generation)				
							T(at the end of part #) -reinforced internal gears. D20 - Stronger LSD w/ 20 internal discs			New generation metal LSD w/o chattering noise. 82mm/87mm disc - 45 & 55 degree cam 85mm/109mm disc - 45 & 60 degree cam			D1 spec - specially designed for Drifting S-Street Type. R-Reinforced Racing type.			Ultra smooth and quiet operation				
							Parts number	Retail price	Note	Parts number	Retail price	Note	Parts number	Retail price	Note	Parts number	Retail price	Note		
180SX	88.4-90.12	RS13	CA18DET		R	VI	RNRA(B)109113	\$1,102.29	#36	SNRA(B)109112	\$1,234.86	#36	RDNRA(B)109112	R	\$1,160.29	#36	CNRA(B)109112	\$1,673.57	#36	
							RNRA(B)10946	\$1,118.00	#38	SNRA(B)10945	\$1,250.57	#38	RDNRA(B)10945	R	\$1,176.00	#38	CNRA(B)10945	\$1,689.29	#38	
	91.1-	RPS13	SR20DET	5MT	R	VI	RNRA(B)109113	\$1,102.29	#36	SNRA(B)109112	\$1,234.86	#36	RDNRA(B)109112	R	\$1,160.29	#36	CNRA(B)109112	\$1,673.57	#36	
							RNRA(B)10946	\$1,118.00	#38	SNRA(B)10945	\$1,250.57	#38	RDNRA(B)10945	R	\$1,176.00	#38	CNRA(B)10945	\$1,689.29	#38	
					4AT, 5MT	R	VI	RNRA(B)109113	\$1,102.29	#36	SNRA(B)109112	\$1,234.86	#36	RDNRA(B)109112	R	\$1,160.29	#36	CNRA(B)109112	\$1,673.57	#36
						R	VI	RNRA(B)10946	\$1,118.00	#38	SNRA(B)10945	\$1,250.57	#38	RDNRA(B)10945	R	\$1,176.00	#38	CNRA(B)10945	\$1,689.29	#38
	96.8-	RPS13	SR20DE	4AT, 5MT	R	OP	RNRA(B)10964	\$1,118.00					RDNRA(B)10963		\$1,176.00		CNRA(B)10963	\$1,772.86		
	96.12-	RPS13	SR20DET	5MT	R	VI	RNRA(B)109122	\$1,160.29	#37	SNRA(B)109122	\$1,250.57	#37	RDNRA(B)109122		\$1,176.00	#37	CNRA(B)109122	\$1,689.29	#37	
						VI	RNRA(B)10976	\$1,118.00	#40	SNRA(B)10975	\$1,250.57	#40	RDNRA(B)10975	R	\$1,176.00	#40	CNRA(B)10975	\$1,689.29	#40	
					4AT	VI	Fitment unkown													
	Fairlady Z	85.10-	Z31	VG20DET		R	OP	RNRA(B)10964	\$1,118.00					RDNRA(B)10963		\$1,176.00		CNRA(B)10963	\$1,772.86	
		83.9-	HZ31	VG30ET		R	OP	RNRA(B)10964	\$1,118.00					RDNRA(B)10963		\$1,176.00		CNRA(B)10963	\$1,772.86	
85.10-		PZ31	RB20DET		R	OP	RNRA(B)10964	\$1,118.00					RDNRA(B)10963		\$1,176.00		CNRA(B)10963	\$1,772.86	#45	
89.7-		Z32	VG30DE	MT, AT	R	VI	RNRA(B)109113	\$1,102.29	#36	SNRA(B)109112	\$1,234.86	#36	RDNRA(B)109112	R	\$1,160.29	#36	CNRA(B)109112	\$1,673.57	#36	
					R	VI	RNRA(B)10946	\$1,118.00	#38	SNRA(B)10945	\$1,250.57	#38	RDNRA(B)10945	R	\$1,176.00	#38	CNRA(B)10945	\$1,689.29	#38	
02.8-		Z33	VG30DETT	MT, AT	R	VI	RNRA(B)10950	N/A	#21, #43	N/A							CNRA(B)10950	N/A	#21, #43	
					R	VI	RNRA(B)109131	\$1,160.29	#42	SNRA(B)109131	\$1,234.86	#42	RDNRA(B)109131	R	\$1,160.29	#42	CNRA(B)109131	\$1,766.43	#42	
					R	OP	RNRA(B)109151	\$1,160.29	#51	SNRA(B)109151	\$1,234.86	#51	RDNRA(B)109151	R	\$1,160.29	#51	CNRA(B)109151	\$1,766.43	#51	
					R	VI	RNRA(B)109160	\$1,160.29	#52	SNRA(B)109161	\$1,234.86	#52	RDNRA(B)109161	R	\$1,160.29	#52	CNRA(B)109161	\$1,766.43	#52	
08.12-		Z34	VQ37VHR	MT, AT	R	VI	RNRA(B)109131	\$1,160.29	#42	SNRA(B)109131	\$1,234.86	#42	RDNRA(B)109131	R	\$1,160.29	#42	CNRA(B)109131	\$1,766.43	#42	
	R				VI	RNRA(B)109160	\$1,160.29	#54	SNRA(B)109161	\$1,234.86	#54	RDNRA(B)109161	R	\$1,160.29	#54	CNRA(B)109161	\$1,766.43	#54		

Note

* if the current LSD is not designed for the side flanges used with the stock viscous LSD, please choose this LSD.

#21: 38220-40P11 x1 (right side) is required

#32: For a vehicle w/ ABS, stock side flange 38220-93L06 x2 are required.

For non ABS vehicle, either side flange 38220-41F01 (6 holes) or 38220-73L01 (5 holes) is required depending on the bolts holes on the side flange.

#36: The LSD is designed for replacing the stock viscous LSD. There is no need for changing the side flanges. It comes with the bearing (installed) and oil seal. It fits the side flange teeth number 29.

#37: The LSD is designed for replacing the stock viscous LSD. There is no need for changing the side flanges. It comes with the bearing (installed) and oil seal. It fits the side flange teeth number 30.

NRA(B)109110 might fit some models after 1996.12. Please check the teeth number of the side flange. If it is 29, choose NRA(B)109110, and if it is 30, choose NRA(B)109120

#38: The LSD is not designed to be used with the stock side flanges for viscous LSD.

You can either use the current side flanges or purchase new ones depending on the number of the bolt holes. 38220-41F01 (6 holes) or 38220-73L01 (5 holes).

#40: The LSD is not designed to be used with the stock side flanges for viscous LSD.

You can either use the current side flanges or purchase new ones depending on the number of the bolt holes. Please refer to the table on the right.

#42: For a vehicle w/ AT, the stock final drive gear set for the MT 38100-0C460 is required. Also a proper sims are required for adjusting the backlash.

#43: Made to order

#50: A special 74 degree cam is used. Primarily designed for competition.

#51: For 350Z base model w/ open differential (no need to change the side flanges)

#52: For 350Z w/ Automatic transmission (no need to change the ring & pinion)

#54: For 370Z w/ Automatic transmission (no need to change the ring & pinion)

Spline teeth n	Bolt hole # on flange	Sensor ring	Ring teeth n	Nissan parts number
29	6	No		38220-41F01
	5	No		38220-73L01
30	6	No		38220-4P171
		Yes	46	38220-0V161
	5	No		38220-AA001
		Yes	46	38220-AA076

Make Nissan

Model	Year	Chassis	Engine	Trim	Section	Replacement Diff	Carbon Hybrid			Carbon LSD Spec II			Carbon LSD Spec III, Spec IV							
							Higher initial torque 12kg - 15kg Last 4 digits indicates the combination and the initial torque			Ultra high response Higher initial torque 10kg to 11kg			Ultra high response Higher initial torque 15kg (III), 20kg (IV)							
							Parts number	Retail price	Note	Parts number	Retail price	Note	Parts number	Retail price	Note					
A: 2 way, B: 1.5 way, C: 1 way			A: 2way, B: 1.5 way, C: 1 way			A: 2 way, B: 1.5 way, C: 1 way														
180SX	88.4-90.12	RS13	CA18DET		R	VI	CNRA(B)109112HB42	\$1,580.71	#36					CNRA(B)109G112	III	\$1,673.57	#36			
					R	VI *	CNRA(B)10945HB42	\$1,596.43	#38					CNRA(B)109F112	IV	\$1,673.57	#36			
	91.1-	RPS13	SR20DET	5MT	R	VI	CNRA(B)109112HB42	\$1,580.71	#36						CNRA(B)109G45	III	\$1,689.29	#38		
					R	VI *	CNRA(B)10945HB42	\$1,596.43	#38					CNRA(B)109F45	IV	\$1,689.29	#38			
					R	VI	CNRA(B)109112HB42	\$1,580.71	#36					CNRA(B)109G112	III	\$1,673.57	#36			
					R	VI *	CNRA(B)10945HB42	\$1,596.43	#38					CNRA(B)109F112	IV	\$1,673.57	#36			
					R	VI	CNRA(B)109112HB42	\$1,580.71	#36					CNRA(B)109G45	III	\$1,689.29	#38			
					R	VI *	CNRA(B)10945HB42	\$1,596.43	#38					CNRA(B)109F45	IV	\$1,689.29	#38			
	96.8-	RPS13	SR20DE	4AT, 5MT	R	OP	CNRA(B)10963HB42	\$1,680.00							CNRA(B)109G63	III	\$1,772.86			
																	CNRA(B)109F63	IV	\$1,772.86	
	96.12-	RPS13	SR20DET	5MT	R	VI	CNRA(B)109122HB42	\$1,580.71	#37						CNRA(B)109G122	III	\$1,689.29	#37		
					R	VI *	CNRA(B)10975HB42	\$1,596.43	#40					CNRA(B)109F122	IV	\$1,689.29	#37			
														CNRA(B)109G75	III	\$1,689.29	#40			
														CNRA(B)109F75	IV	\$1,689.29	#40			
Fairlady Z	85.10-	Z31	VG20DET	4AT	R	OP	CNRA(B)10963HB42	\$1,680.00						CNRA(B)109G63	III	\$1,772.86				
																	CNRA(B)109F63	IV	\$1,772.86	
	83.9-	HZ31	VG30ET		R	OP	CNRA(B)10963HB42	\$1,680.00						CNRA(B)109G63	III	\$1,772.86				
																	CNRA(B)109F63	IV	\$1,772.86	
	85.10-	PZ31	RB20DET		R	OP	CNRA(B)10963HB42	\$1,680.00						CNRA(B)109G63	III	\$1,772.86				
																	CNRA(B)109F63	IV	\$1,772.86	
	89.7-	Z32	VG30DE	MT, AT	R	VI	CNRA(B)109112HB42	\$1,580.71	#36						CNRA(B)109G112	III	\$1,673.57	#36		
					R	VI *	CNRA(B)10945HB42	\$1,596.43	#38					CNRA(B)109F112	IV	\$1,673.57	#36			
				VG30DETT	MT, AT	R	VI										CNRA(B)109G45	III	\$1,689.29	#38
						R	VI *											CNRA(B)109F45	IV	\$1,689.29
	02.8-	Z33	VQ35DE / HR	MT, AT	R	VI	CNRA(B)109131HB42	\$1,673.57	#42, #60						CNRA(B)109G131	III	\$1,766.43	#42		
					R	OP	CNRA(B)109151HB42	\$1,673.57	#51, #60							CNRA(B)109F131	IV	\$1,766.43	#42	
				AT	R	VI	CNRA(B)109160HB42	\$1,673.57	#52, #60							CNRA(B)109G151	III	\$1,766.43	#51	
					R	VI *											CNRA(B)109F151	IV	\$1,766.43	
08.12-	Z34	VQ37VHR	MT, AT	R	VI	CNRA(B)109131HB42	\$1,673.57	#42						CNRA(B)109G160	III	\$2,137.86	#52			
				R	VI *											CNRA(B)109F160	IV	\$2,221.43	#52	
			AT	R	VI	CNRA(B)109131HB42	\$1,673.57	#42								CNRA(B)109G131	III	\$1,766.43	#42	
				R	VI *	CNRA(B)109160HB42	\$1,673.57	#54									CNRA(B)109F131	IV	\$1,766.43	#42
													CNRA(B)109G160	III	\$2,137.86	#54				
														CNRA(B)109F160	IV	\$2,221.43	#54			

Note

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NRA(B)109110 might fit some models after 1996.12. Please check the teeth number of the side flange. If it is 29, choose NRA(B)109110, and if it is 30, choose NRA(B)109120

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#52: For 350Z w/ Automatic transmission (no need to change the ring & pinion)

#54: For 370Z w/ Automatic transmission (no need to change the ring & pinion)

#60: 4 carbon disc & 2 metal disc w/ 15kg.m initial torque

Spline teeth number	Bolt hole # on flange	Sensor ring	Ring teeth number	Nissan parts number
29	6	No		38220-41F01
	5	No		38220-73L01
30	6	No		38220-4P171
		Yes	46	38220-0V161
	5	No		38220-AA001
		Yes	46	38220-AA076