

Lightweight Flywheel

Vehicle	Model	Engine	Part no.	Code	Price with tax	Price	Part information		
							Unit weight kg (Genuine)	Inertial weight kg/cm/sec ² (Genuine)	
March	K12	CR12DE	12310-RSK21	A	37,800	36,000	5.88 (8.05)	0.580 (0.833)	
Silvia 180SX	S13 *1 S14·S15	SR20DE (except Autech version)	12310-RS541	A	44,100	42,000	6.20 (8.50)	1.236 (1.587)	
	S13·S14	SR20DET	12310-RS521	A	44,100	42,000	6.52 (8.87)	1.577 (1.849)	
	S15	SR20DET SR20DE (Autech version) *2	12310-RSS51	A	50,400	48,000	7.66 (12.22)	1.763 (2.207)	Press-in pilot bushing
Skyline	R32	RB20DET	12310-RSR21	A	44,100	42,000	6.88 (9.65)	1.738 (2.904)	
	R33·R34	RB25DET							
	V35·CPV35	VQ35DE	12310-RSZ30	A	47,250	45,000	9.83 (13.60)	1.300 (1.790)	Combined type
Skyline GT-R	BNR32 BCNR33	RB26DETT	12310-RSR21	A	44,100	42,000	6.88 (9.65)	1.738 (2.904)	
	BNR34	RB26DETT	12310-RSR41	A	51,450	49,000	8.31 (14.24)	2.097 (2.615)	
Cefiro	A31	RB20DET	12310-RSR21	A	44,100	42,000	6.88 (9.65)	1.738 (2.904)	
Stagea	WGNC34	RB26DETT RB25DET	12310-RSR21	A	44,100	42,000	6.88 (9.65)	1.738 (2.904)	
Fairlady Z	Z33	VQ35DE	12310-RSZ30	A	47,250	45,000	9.83 (13.60)	1.300 (1.790)	Combined type

*1 For the S13 Silvia (SR20DE), the standard flywheel has an outside diameter of ø240 while the NISMO lightweight flywheel has an outside diameter of ø225; please use clutch cover 30210-RS540 (ø225).

*2 Although it can be installed, the lightweight flywheel is already standard on the Autech version.

Features

This lightweight flywheel is created especially for use with NISMO single-plate clutches. It is not just light: it provides the ideal weight to guarantee even engine rotation in the low rpm range. The use of high-strength, high-quality chrome molybdenum carbon steel reduces weight by 60% to 70% compared to standard flywheels. Used with a NISMO clutch cover and clutch disc, the package provides a total inertia weight reduction of 80% to 85%, reducing torque loss at low speed while improving response at high rpm. When used with a solid metal disc, it provides a more direct feel than a dual-mass (damper equipped) unit. At the same time, the same ring gear chamfering process as for standard parts has been used to ensure smooth starting through improved engagement with the starter motor pinion gear.



Specification

- NISMO logo mark
- Made exclusively for use with NISMO single plate discs
- Manufactured from chrome-molybdenum (SCM440H) (except for March K12 model)
- Parts included: flywheel bolts, dowel pin (press-in type)
- One-year guarantee (only in Japan)

Product Warning

- Light weight flywheels, which are designed and manufactured to increase capacity for higher output and to improve clutch response, may cause the transmission or bearings to make a rumbling noise which is not present when using the original Nissan production parts. Such noise is particularly likely to occur when idling or when accelerating and decelerating at around 2000 rpm. Please be aware that this rumbling is not due to any defect in the parts. For those concerned about vibration and noise, the use of a standard, Nissan production flywheel is recommended.