

S
FAIRLADY Z (Z)

FAIRLADY Z (Z) Z32

HIPERMAX **S**
JAPAN QUALITY

Code No. 80300-AN019





Application

Engine	VG30DE
Model Year	89/07 - 00/09
Remarks	

Specification

	FRONT	REAR
Damping force adjustment	30 steps	30 steps
Base valve	-	-
Height adjustable lower bracket	○	○
Upper mount	Rubber	Rubber
Inverted/Normal type	Normal	Normal
Damper/Spring layout	Coilover	Coilover
Spring rate change at factory	Possible	Possible
Damping force adjustment with wire	-	○
Helper spring (Spring rate N/mm)	○ (41.4)	○ (19.8)

Ride Height

mm

		Factory *2	Test data	Adjustable range High - Low *3	Drivable range High - Low *4
FRONT	Ride height *1	654	629	669 ~ 605	669 ~ 605
	Against stock	-15	-40	0 ~ -64	0 ~ -64

REAR	Ride height *1	659	634	675 ~ 593	675 ~ 593
	Against stock	-16	-41	0 ~ -82	0 ~ -82

*1. Height from road surface to fender arch.

*2. Height at factory is the data tested at HKS with the setting of Full Kit. (HKS' recommended setting.)

*3. Adjustable range (However, the lowest value may not be road legal.

Even within the adjustable range, car body, arm etc. may contact. In such case, it will be hard to drive.

Damper oil leakage or any other problems caused by low ride height setting from the factory setting will void the warranty of the product.)

*4. Drivable range that there is no contact of car body or arms etc. (However, change of tire/wheel size may cause a problem.)

Caution). Actual data depends on each vehicle.

Kit information

Spring of Full Kit

	F	R
Spring rate N/mm(kgf/mm)	78 (8.0)	59 (6.0)
Free height (mm)	200	220
Spring type	Straight	Straight Barrel type
Recommended range to change spring rate N/mm(kgf/mm)	+20 (2)	+20 (2)

Specification of damper

	F	R
Damping force (Rebound/Damping)N*	1491 / 432	637 / 324
Default position of dial	15	15
Remaining damper stroke (Rebound/Damping)mm	47 / 52	66 / 70

* The value of the damping force is at piston speed of 0.1m/sec.

Setting data

	F				R			
	Default	Test	Drivable limit High *	Drivable limit Low *	Default	Test	Drivable limit High *	Drivable limit Low *
Length of case (mm)	283	260	297	260	414	389	430	371
Spring Set length(mm)	218	←	218	240	266	←	266	289
Length to ride height adjuster (mm)	67	44	81	22	66	41	82	0

Lever ratio	1.10	1.00
-------------	------	------

* Refer to the above explanation *3 of ride height information for drivable high and low limitations.





















Test vehicle information

		F	R
Vehicle weight kg		- (840)	- (740)
Tire size (Air pressure) kPa		225 / 50 - 16 (230)	225 / 50 - 16 (250)
Wheel size		7.5 Jj × 16 inset 45	7.5 Jj × 16 inset 45
Alignment (Toe/Camber)	Test data	out 1 mm / -1°42'	in 3 mm / -2°18'
	Standard value	in 1 ± 1 mm / 0°50' ± 0°45'	in 2 ± 2 mm / -1°05' ± 0°30'

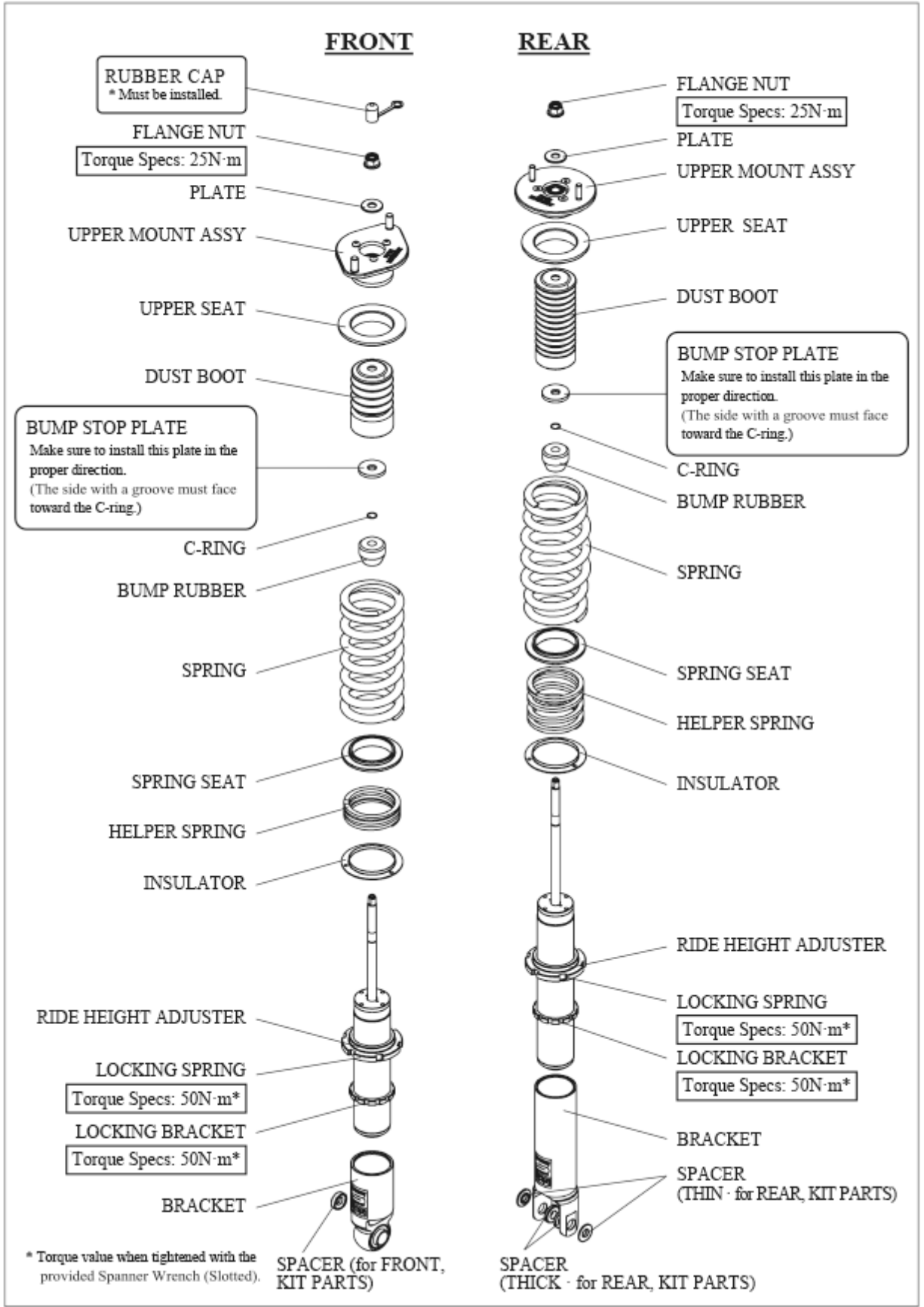
* Test data at HKS.

Parts List * It may be changed without prior notice.

Parts List

		Front Suspension Assy	2	
		Rear Suspension Assy	2	
 Universal Bracket	 Hose Band	2	 Spacer (Thin · for Rear)	4
	 Bracket	2	 Spacer (Thick · for Rear)	4
 Spacer (for Front)		2	 Grommet	2
 Flange Nut (M6)		2	 Adjustment Dial	1
 Bolt (M6)		2	 Spanner Wrench	1
 Rubber Cap (Small)		2	 Spanner Wrench (12.7sq Slotted)	1
 Bolt (M12)		2	 Warranty Registration Certificate	1
 Washer (M12)		2	 Installation Manual	1
 Flange Nut (M12)		2		

Suspension Components



Point

[CLOSE]

