



SAF AXLE / SUSPENSION “SRT” DATA

Suspension Model	Spring Centre (m)	Axle Lash (mm)	Spring Stiffness (N/m)	Roll Stiffness (Nm-rad)	Roll Centre Height (m)
IU25-2000RZ	0.94	90	470000	1200000	0.05
IU28-2005RZ	0.94	90	470000	1200000	0.05
IU29-2000RZ	0.94	90	470000	1200000	0.05
IU30-2505RZ	0.94	90	470000	1200000	0.05
IU33-2510RZ	0.94	90	470000	1200000	0.05
IU34-2505RZ	0.94	90	470000	1200000	0.05
IU35-3010RZ	0.94	95	470000	1200000	0.05
IU39-3010RZ	0.94	95	470000	1200000	0.05
IU42-3015RZ	0.94	95	470000	1200000	0.05
IO35-2000RZ	0.94	90	470000	1200000	0.155
IO42-3005RZ	0.94	90	470000	1200000	0.155

Suspension Model	Spring Centre (m)	Axle Lash (mm)	Spring Stiffness (N/m)	Roll Stiffness (Nm-rad)	Roll Centre Height (m)
IU25-2000RB	1.2	90	470000	1900000	0.05
IU28-2005RB	1.2	90	470000	1900000	0.05
IU29-2000RB	1.2	90	470000	1900000	0.05
IU30-2505RB	1.2	90	470000	1900000	0.05
IU33-2510RB	1.2	90	470000	1900000	0.05
IU34-2505RB	1.2	90	470000	1900000	0.05

Suspension Model	Spring Centre (m)	Axle Lash (mm)	Spring Stiffness (N/m)	Roll Stiffness (Nm-rad)	Roll Centre Height (m)
IO35-2000RB	1.2	90	470000	1900000	0.155
IO40-2505RB	1.2	90	470000	1900000	0.155
IO42-3005RB	1.2	90	470000	1900000	0.155
IO45-3010RB	1.2	90	470000	1900000	0.155



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Suspension Model	Spring Centre (m)	Axle Lash (mm)	Spring Stiffness (N/m)	Roll Stiffness (Nm-rad)	Roll Centre Height (m)
U20-2500E37	0.98	95	400000	980000	-0.07
U24-2904E37	0.98	95	400000	980000	-0.07
U25-2907E37	0.98	95	400000	980000	-0.07
U27-2910E37	0.98	95	400000	980000	-0.07
U30-3510E37	0.98	95	400000	980000	-0.07
U31-3513E37	0.98	95	400000	980000	-0.07
U33-3516E37	0.98	95	400000	980000	-0.07
M36-2500E37	0.98	80	400000	980000	-0.08
M38-2504E37	0.98	80	400000	980000	-0.08
M42-2907E37	0.98	80	400000	980000	-0.08

Suspension Model	Spring Centre (m)	Axle Lash (mm)	Spring Stiffness (N/m)	Roll Stiffness (Nm-rad)	Roll Centre Height (m)
U25-2907E19	0.98	95	400000	980000	-0.07
U27-2910E19	0.98	95	400000	980000	-0.07
U30-3510E19	0.98	95	400000	980000	-0.07
U33-3510E19	0.98	95	400000	980000	-0.07
U33-3516E19	0.98	95	400000	980000	-0.07
M36-2500E19	0.98	80	400000	980000	-0.08
M38-2504E19	0.98	80	400000	980000	-0.08

Suspension Model	Spring Centre (m)	Axle Lash (mm)	Spring Stiffness (N/m)	Roll Stiffness (Nm-rad)	Roll Centre Height (m)
U25-2907E19WT	1.2	95	400000	980000	-0.07
U27-2910E19WT	1.2	95	400000	980000	-0.07
U30-3510E19WT	1.2	95	400000	980000	-0.07
U33-3510E19WT	1.2	95	400000	980000	-0.07
U33-3516E19WT	1.2	95	400000	980000	-0.07
M36-2500E19WT	1.2	80	400000	980000	-0.08
M38-2504E19WT	1.2	80	400000	980000	-0.08

 **REYCO**[®]**Transpecs**

QUALITY ON THE MOVE

REYCO SUSPENSION "SRT" DATA

Suspension Model	Spring Centres (m)	Axle Lash (mm)	Spring Stiffness (N/m)	Roll Stiffness (Nm-rad)	Roll Centre Height (m)
25ARUU-6.5A	0.89	116	270000	2210000	0.006
25ARUU-7.5A	0.89	126	270000	2210000	0.012
25ARUU-9.0A	0.89	100	270000	2210000	0.025
25ARUU-11.0A	0.89	103	270000	2210000	0.025
25ARTU-12A	0.89	102	270000	2210000	0.15
23ARTU-14A	0.89	134	270000	2210000	0.15
23ARTU-15A	0.89	134	270000	2210000	0.15

 **RIDEWELL CORP.****Transpecs**

QUALITY ON THE MOVE

Suspension Model	Spring Centres (m)	Axle lash (mm)	Spring Stiffness (N/m)	Roll Stiffness (Nm-rad)	Roll Centre Height (m)
RAR247/7/USW	0.89	76	287000	1840000	0.01
RAR247/10/USW	0.89	111	287000	1840000	0.13
RAR247/15/OSW	0.89	105	287000	1840000	0.15

November 2003

Static Roll Threshold Information

Model 88 and 21B Springs, 965mm (38") and 1000mm (39.37") spring centers

Spring	Model	Spring Stiffness		Roll Stiffness (965mm)		Roll Stiffness (1000mm)		Roll Center Ht above axle center			
		Lb/in	N/m	In-lb/deg	N-m/rad	In-lb/deg	N-m/rad	Inches	Underslung		
0079-01	88	7,950	1,392,188	100,178	648,512	107,524	696,066	11.50	0.292	2.00	0.051
0079-02	88	10,800	1,891,274	136,091	880,997	146,070	945,599	8.50	0.216	-1.00	-0.025
0693-00	88	9,800	1,716,156	123,490	799,424	132,545	858,043	10.00	0.254	0.50	0.013
0179-01	88	11,000	1,926,298	138,611	897,312	148,775	963,110	11.50	0.292	3.00	0.076
0179-02	88	12,500	2,188,975	157,513	1,019,673	169,063	1,094,443	8.50	0.216	0.00	0.000
0178-03	88	8,200	1,435,968	103,328	668,905	110,905	717,955	10.50	0.267	-0.50	-0.013
0714-00	88	14,200	2,486,676	178,934	1,158,348	192,055	1,243,287	11.50	0.292	3.00	0.076
0724-00	88	12,600	2,206,487	158,773	1,027,830	170,415	1,103,199	11.50	0.292	2.00	0.051
1600-02	88	10,500	1,838,739	132,311	856,525	142,013	919,332	9.50	0.241	0.00	0.000
T5555	21B	19,000	3,327,242	239,419	1,549,903	256,975	1,663,553	9.50	0.241	-0.50	-0.013
T3564	21B	11,500	2,013,857	144,912	938,099	155,538	1,006,888	9.50	0.241	-1.00	-0.025
08376-01	21B	11,000	1,926,298	138,611	897,312	148,775	963,110	9.50	0.241	0.50	0.013
20016-01	21B	15,500	2,714,329	195,316	1,264,394	209,638	1,357,109	9.00	0.229	NA	NA
15636-01	21B	27,200	4,763,210	342,747	2,218,808	367,880	2,381,508	9.00	0.229	1.00	0.025