



SOARER UZZ32 ACTIVE SUSPENSION OWNERS LIST

regularly updated , by Peter Scott

Updated:

August 2007 (#173, #149, #419, #468))

June 2007 (#768 SOLD!, #138, #570,)

May 2007 (#123)

April 2007 (#339, #249, #795, #539, #768, #150?, #871, #853)

March 2007 (#170, #839 : (, #211, #537, #837, #191, #249, #131, #402, #438, #464, #855, #867, #868, #871, #410)





Jan 2007 (#601, #669, #410, #369, #443, #855, #867, #397).






873 Soarers were manufactured with Active Suspension - called the UZZ32's.






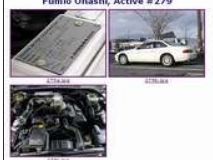



Table below lists chassis numbers (eg UZZ32 000101) and date








UZZ32 - 4.0GT (active suspension)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1991 - 699 created	0001001		0001009	0001034	0001080	0001174	0001270	0001387	0001468	0001570	0001665	0001699
1992 - 91 created	0001710	0001717	0001736	0001749	0001758	0001766	0001777	0001780	0001784	0001786	0001788	0001791
1993 - 23 created	0001793	0001795		0001798	0001800	0001801	0001807	0001808	0001809	0001810	0001811	0001814
1994 - 33 created	0001817		0001821	0001826	0001833	0001838	0001842	0001845	0001846	0001849	0001852	0001857
1995 - 10 created			0001858	0001860		0001861	0001862	0001865			0001866	0001867
1996 - 6 created	0001868	0001870		0001871			0001873					

Owners List (got one? know where one is? - [email me](#))









build date	build number	colour	status
March 1991	22	green	Dave Craig (London)
	32	green	David Hart (NZ) Bilstein suspension
	34		John Chapman- Kingsbury, England. He has fitted a towbar. 
	49	green	Ramsey Beydoun (Adelaide Aust)
April 1991	51	green	John Wan (Sydney Aust)
	55	green	Ian Taylor (Aust)
	65		HOUNSLOW, Middlesex, United Kingdom (for sale ebay.co.uk , July 2006)
May 1991	86	green	Ed Fitzgerald (Ireland)
	105	green	PK Huang (UK)
	112		Peter Taplin (Vic Aust) Supercharged V8 http://www.lexus.aus.as/








	123	green	John (UK) 18/5/07 Valerie "Bikerval" Estabrook (Norfolk UK)
	131		Rob Hayden, Melbourne Aust. 2007 Fully restored and sold to Michael Marchant in Melbourne. Showing 26262 kms but had a replacement Odometer.
	138		Dan McColl (Vic Aust) His 1st rebuild Page 1 Page 2 Page 3 Page 4 Page 5 Crashed June 07 but will be <u>rebuilt!</u>
	148	green	Sept 2007 Chris Morrison, Adelaide Australia
	149		July 07 Aaron Mitchell (Perth, Western Australia)
	150		Steve Marriott (Aust) For sale on ebay April 2007 for \$11 000
	151	yellow (was green)	Irene McDonald (UK)
	161		Ed Fitzgerald (Ireland)
	164		Perry Morgan (Queensland Australia)
	166		Ross Leyte. Vehicle imported in 2002 to Fremantle, Western Australia. Now located in Rockingham, WA .
	170	green	Greg Myers, Cardiff, Wales, UK March 2007 Glynn Banks. Barnsley. South Yorkshire. England.
	172		Pål Leraand (Norway)
	173		Vlad (Sydney Australia) May 2007 Benjamin Slabak (Sydney Australia)
June 1991	182	green	Heather Lee (Burntwood England)
	?		RIP (UK, Steve Smith is wrecking it)
	191		Ed Fitzgerald (Ireland) January 2007 Damon Hanson (see also #249), expat aussie (Republic of Ireland)
	192		Robert Carlyon, Canberra Australia

			
	196		Oct 05 repossessed Sept 07 Richard, Adelaide Australia
	200	green	Nandu Jayachandran (NSW Aust)
	202	green	RIP (Cresta Qld is wrecking one)
	211	green	Melissa Adelaide Australia.
	218		 Looks pretty saggy in the arse. No grading. Zero start price. 10 000 yen will buy this car, but it's just not worth it - Robert Hayden, June 2005 Japan Auction
	223	green	Neil Pettingill (Tas Aust)
	235		Steve Latimer (Vic, Australia)
	249-RIP		Ed Fitzgerald (Ireland) January 2007 Damon Hanson (see also #191), expat aussie (Republic of Ireland)- now it's a parts car only
	263	burgandy	Barry Rowe (Vic Aust)
	276	green	B Johnson (UK)
July 1991	279		Fumio Ohashi (Tokyo Japan)
	286		Lynton Scale (Aust)
	298	green	Greg Boschman (ACT Aust)
	312		Jan Heinrich (Newcastle Australia) Driver ok, car now retired.
	336		Mike Pynn (Adelaide, Aust) previously Jarek Polak (Adelaide, Aust)
	337		Dark metallic blue, cruising around Bristol UK and lovin' it. Imported to UK 2005.

			Cheers Andrew Whitelaw Account Director, RTH Group
	339		Owned since March 2006, Ian Hodgson, Surrey England. Running really well and plenty of fun.
	362	green	Alan Dinsdale (Billericay, U.K.)
	369		Adam Lonergan (Melbourne, Victoria) 1st owner in Oz Factory reversing camera Imported 88,000km now 110,000km (daily driver) Aftermarket wheels/exhaust Slowly being restored to as new (with improvements).
	375	green	Peter Thorne (Tadcaster UK)
	376	Pearl White	Satnam Sing (Melbourne Australia)
	371	white	Barry dal Herbert (ACT Aust)
August 1991	387		<u>Jimi King (UK)</u> Sept '06 owned by Tony Stirton. Swindon in Wiltshire, England.
	390	green	Ian Kane (Perth Aust)
	397		Evelyn & Ross Gates. Gates Aviation Pty. Ltd. Purchased in 1999. Kilometres, currently 91,000.
			John Batson (UK)
			Colin
	?	green	Steve Cheetham (Sydney Aust)
	402		  Japan Auction Sept 2005 Now rated 4B, bought Rob Hayden June 05 March 2007 Daryl Demart in Longford, VIC. 113 kms
	?	blue	Andy Richardson Supercharged (Melb Aust)
	410	 	Bryan O' Connor London England. Silver '32 with 50,000kms when bought and has been totally restored. March 2007 Now with 20 inch rims
	416	white	Nick Barbeler (Brisbane Aust)
	419	Silver	Gavin Rathbone, Leicestershire, UK - sold August 2007
	438	Green	Imported by Rob Hayden and is now owned by Neel Bhattacharjee, Melbourne, VIC.
	?		Emanuel Spinola (Queensland Aust)
	?		Edward Engerer (Melbourne Aust)
August 1991	443	Imperial Jade Mica	Paul Horwood (Vic Aust) currently for sale Dec 2006 17" ROH Adrenalin Shadow Chrome mags 235/45/17 Michelin Pilot tyres Rear view camera The only original options not included are Sun Roof and Seat Heaters all other options included. All original or replaced/repaired original parts when needed Radio/TV has have Mark Paddick's treatment (the only non standard mod) The car is in very good condition, currently has 108,000kms on the clock (I have been the only

			Australian owner since 36,000km in 2002), has been regularly serviced by Crossover Car Conversions in VIC.
	445		Nathan Richardson (Gold Coast, Queensland)
	446	dead	Queensland wrecker Australia
	449	white	Kim Heaver (Brisbane Aust)
	458	gold	Brendon Watt (NSW Aust)
	459		Rob Hayden (Vic, Australia)
	464	White	imported by Rob Hayden in December 2006. Sold to Phillip Ryrie, Ballarat, VIC
	468		Ray Nightingale, in Braintree, Essex UK (Ray has now gone to the USA) Oct 2006, Rob Beynon (Wirral, UK) Oct 15 2006, Roy Cullen Hailsham, East Sussex (Southeast England) August 2007 Gavin Rathbone Leicestershire UK
	484	Silver	Peter Taplin (Victoria, Australia)
September 1991	492	blue	Bob Soulsby (Leicestershire UK)
	498	green (now black)	Steve Smith (UK), now Mark Hallas (North England)
	510		Michael Pearse, resides in Worcestershire, England. She has been dry stored this past 3 years, and is part of his collection of 5 Soarers (one of each model made). Silver in colour and 75,000 klm on the clock, and the pride of his collection.
	519	?	Karl DeWet (Sydney Aust)
	520		Dead in a Japanese wrecking yard.
	526		Justin McLernon (Perth Australia)
	528	send a pic John	John Wallace (West Sussex UK)
	533		Nigel Thompson (Rutland, England)
	534	blue	Bryan O'Conner (UK) sold to Mohammed (Blackburn England Dec 2006)
	537		Rod Leslie, Adelaide. Owned for 2 years, just passed 60 000 km
	539		Jared Massie, Sunshine Coast, Qld, Australia April 07 for sale by Cameron Gnade, "\$16 000 Full bomex kit. 18" Cabo rims. Twin 3" exhaust. Car is in immaculate

			<i>condtion. Sunshine coast QLD 0413497829,Only prob with it sometimes the screen flickers."</i>
	570		Franks Bucket of bolts - Avoid!!!! (Melbourne 2003) Mark Paddick (ACT, Australia Dec 2006). Is Mark the only one on Earth who can repair g-sensors? June07 Dan McColls parts car
October 1991	579	purple, was blue 	Rob Hayden, C's Supercharged, Melbourne Aust.
	590		Car yard, Japan, Aomori prefecture (390 000 yen)
	592		John Bunch, England
	594		Green, fully loaded. 52ks with books. One owner in Japan. New owner. Rob Hayden, Melbourne, Australia
	599	?	Bevan Vandersteen, Melbourne Australia
	601	Gold '32 No. UZZ32 0001601	owner Eddie Hinkson, London
	607		Going for Parts  in Japan Oct 2005 Nov 23 2005, 100 000yen Still on yahoo japan
	612	blue	Alex Dermedgoglou (Perth Aust)
	629	white	Jon Batson (UK)
	631	green	Richard Stevens (New Zealand)
	637		Damian Ware (Melbourne Victoria) October 2006
	652	blue	Lawrence Gameson (Burntwood England)
		green	Chris Mehmet (Melb Aust)
	654	White	Robert Baker (Grovedale, Vic)
	662	Gold	Annette & Alan Hart (Rotherham England)
	663		Planet Soarer's Peter Scott (Adelaide Aust)
	664	green	Hamilton New Zealand,
November 1991	665	green	Auction Japan, March 2003 - Jonathan Joseph(VIC)
	666		Joelene Powell (Gold Coast) 146000km (Oct 2005), reversing camera, 18" Degeo wheels, colour code is 6M3, trim code is LA60. The active suspension has been reconditioned by MG Sportscar

			Specialists 14 Hinde St Ashmore on the Gold Coast.
	669	Green '32 No. UZZ32 0001669	owner Eddie Hinkson, London
	670		Steve Pointon, Sandhil Hotel, Isle of Wight <i>owned 670 for a couple of years now and apart from the new alloys she is totally original with the oem phone kit still installed.</i>
December 1991	705	white	Bill Byrnes (Sydney Aust)
January 1992	712	green	David Murphy (Bris. Aust)
	716		Grade 3.5C - Japan Auction Sept'05. This car is sitting so low - suspension failure?
February 1992	734	white	Samuel Seow (Perth Aust)
March 1992	743	green	Ranjit Hettiarachchi (London)
	746	green	Kim Heaver, Airlie Beach, Queensland Australia
April 1992	756	white	R.I.P (Ed Fitzgerald wrecking Ireland)
	772	RIP	Being wrecked in Japan November 2006
	768		Tim Zhao (Eastlakes, NSW Australia) April 2007 for sale \$18 900, 57 000 km. Everything stock more pics and update: http://soarercentral.com/sc-forum/messages/5079/152028.html?1177416059 June 2007 Phillip Wootton Manager P&A Auto Repairs. 148 Melbourne St. East Maitland. N.S.W. 2323.
August 1992	783		Paul Curtis (Aust)
	795	Pearl white	Richard Rodgers Sydney, near Windsor, Australia 89 000 km April 2007
April 1993	798		Richard Cislowski, Sydney Australia (Previously Kip Wightman, Sydney Australia)
	801		Andy Greenland South Wales, auk
	806		#0001806 just sold at auction, dk green, grade 4, looks like a real good one at a nice price (thanks Phil Gibson) Update: Tim Edwards car
July 1993	805		Was on sale March 2005: http://www.motovationimports.com.au SOLD to Glenn Ellis, Queensland Australia.
March 1994	821		Dan, The Man, Newton (London UK)

			
March 1994	825	blue	Russel Clarke (London UK)
	826		Michael (Sydney, Australia)
	837		Rob Hayden (Melbourne Australia). Japan Auction August 2006 1994 model fully loaded. Seats, snow pack, diff, roof, camera etc. Everything. Silver with spruce interior. 4.5 / B with 62 000 kms. January 2007, Jim Burrough (Melbourne, Australia)
June 1994	838		Carl Percival (Hertfordshire UK)
	839	red, black leather interior	Zul Idris. Brunei. 7 months and 5k on suspension work, then ECU gets blown up when mechanic jump starts it !
October 1994	850	white	Auction Japan, March 2003
November 1994	853		Mario Lentini (Qld Aust) April 2007 NO MORE BOUNCE , I have put the rear shocks from my 1991 32 in the car & that fixed the bounce .
	855	Black	for sale Dec 2006 \$21900 at Luxury and Performance Vehicles Bayswater Vic Australia (03 9720 6789). Sunroof, 114 710 km March 2007 still for sale in Bayswater. Needs a total suspension build including valve body. Full repaint required. Black with black interior. Grade 2.5 /C in Rob Hayden's opinion. Contact UZZ32 specialist Rob Hayden for further information
	856	white (soon to be black)	Robert Van Reed (Tokyo and Gold Coast Australia)
March 1995	858		Phillip Ryrie (Ballarat Aust)
	867	 867.jpg (18382 bytes)	For Sale \$22 900 Dec 2006 Luxury and Performance Vehicles Bayswater Vic (03 9720 6789) Jan 2007 Blue car and is owned by Roger Costello in Perth, WA.
Jan 1996	868		Colin Kirkpatrick (Sydney Australia).   Jan 2007 now owned by Michael FIGG in Tasmania.
	871	Green	March 2007. Has been located. Base model green car. No camera or wiper, or sun roof. 22900 kms. On it's way to Australia.

		<p>Bought by Luxury & Performance Vehicles</p> <p>Frank Wang Luxury & Performance Vehicles 2/23 Scoresby Road Bayswater Vic. 3153 Tel. 03 97206789</p> <p>Contact UZZ32 specialist Rob Hayden for further information</p>
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Other UZZ32 links from planetsoarer.com

May 2006



Fitting Schrader Valves to Soarer UZZ32 Active accumulators

Back in 2004 I regassed using needles. This time I wanted a solution that could be regassed without removing the shocks from the car. Looks like the accumulators have to be cut open, resealed and welded back up to make it worthwhile.

April 2006



Estimating nitrogen volume in Active UZZ32 shocks

High pressure nitrogen forces fluid from the bleed nipple from UZZ32 shocks - I looked at fluid volume expelled and flowrate to estimate good and bad nitrogen accumulators. (moive links fixed)

September 2005



Cutting open the UZZ32 Nitrogen Accumulator

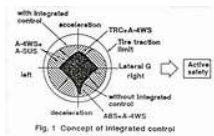
Active Soarers have piston accumulators that leak nitrogen and cause the dreaded suspension bounce. Here's one cut open with the faulty o-ring exposed before being re-built. Perhaps all accumulators should be opened and re-sealed to make the job last.

August 2004



Nitrogen recharge of Active Struts - My Active suspension used to be harsh and it bounced when it shouldn't. Now at last it's like new. I wish I had done this years ago!

January 2003



Active Suspension and Active 4 wheel Steer A Toyota technical paper all about the UZZ32 Soarer. Read why it stops quicker, turns sharper and out handles every other Soarer.

February 2003



Bleeding the UZZ32 hydraulics Changing the old suspension hydraulic fluid for new Toyota fluid for a smoother compliant ride and better handling. A successful suspension test is essential for a good bleed.

June 2003



Active Suspension Computer Diagnostics Richard Ashcroft has a UZZ32 - after an alarm install the suspension wouldn't work! It was a loose plug! Here's the list of all the pinouts for the computer and range of standard values and problem locations.

January 2003



[Active Suspension Test](#) Detailed instructions on how to make your UZZ32 dance in the driveway - great part trick and terrific for lifting the before an oil change.



October 2002

[UZZ30 Owner drives the Active UZZ32](#) - Peter Kerwin, a UZZ30 (US spec SC400) owner, looks at both the UZZ30 and UZZ32, features, ride, cornering/handling and loud exhausts.



February 2003

[UZZ32 in a Magazine](#) Martin Donnon is HPI editor of HPI, he drives my UZZ32, order back issues too. Look carefully on the left hand side of the cover and you will see "ACTIVE SOARER" - that's the bit about my car. Back order issue number 31.



February 2003

[UZZ32 Active Shock rebuild](#) - \$160 gets you the parts you need - not that complicated.




[Race Pics](#) - Gallery of Soarer Race Pics. Some wallpapers. More UZZ32 pics on the circuit



The Active and Twin Turbo doing circle work in Japan.

[back to Planet Soarer](#)



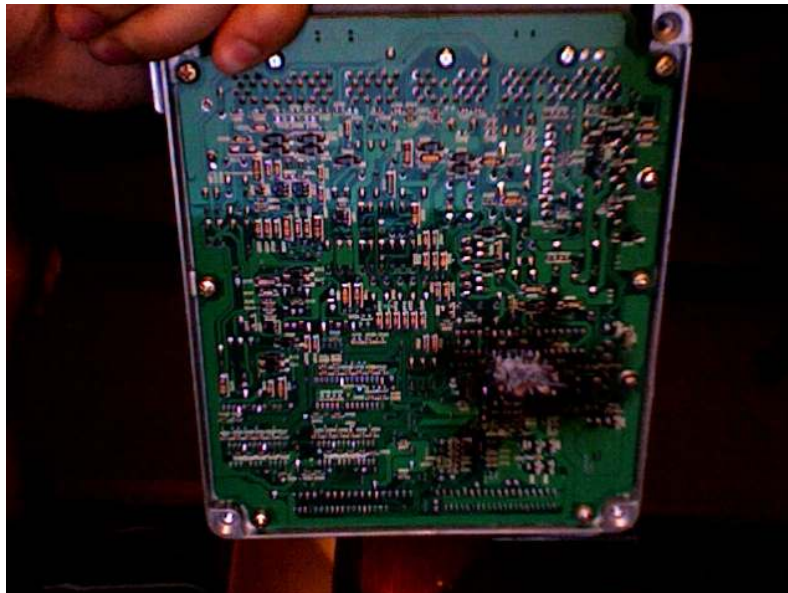
Remember the woman you should have married?

Don't make the same mistake twice.

TOYOTA
SOARER



Same speed, same corner - UZZ32 looks like it's just parked there but check the tortured tyres - it's really moving.



A mechanic jump started Zul's UZZ32 and destroyed the ECU.



Blank switch between TRC and Height is only distinguishing feature on a '32 without looking at mechanicals. Outside the car look for the rear steering rack above the diff, in the engine bay look for rubber shock boots that say Active and UZZ32 prefix on firewall chassis number.

To repair your '32 in the UK, contact Steve at <http://www.smiffies-soarer-sanctuary.com/>

In Australia contact Neil Griffiths in NSW : rushimports.com.au

For general UZZ32 advice, especially Victorian 32's, contact Rob Hayden
www.lexusaustralia.org/contact_details.htm

ECT switch to POWER makes the suspension harder.

ECT switch to NORM makes the suspension softer. Noticeable during cornering

The special suspension fluid is available from Toyota:

Part number: 08886-01805

Reseal parts for struts cost about \$165 per strut – available from Castle Hill Toyota NSW

Castle Hill Toyota in New South Wales Australia

Speak to James Sloane in spare parts, tell him you came from planetsoarer to get the best prices - he is the Soarer guy. I went to Castle Hill because they post stuff cheap and they had already done the parts for the UZZ32 and knew what to get.

Ring toll free on 1800 111 388

phone 02 9680 2111

fax 02 9899 4320

email: jsloane@chtoyota.com.au

2 Victoria Ave

Castle Hill 2154

Dual fanbelts available from Toyota

90916-02335

90916-02326

Air conditioning compressor (different to other V8's) and other parts from Toyota ex – Japan – 10 days minimum. part number is 88320-24080, \$858 brand new from Toyota Japan - amazing that they only built 873 UZZ32's and from 1991 and they still stock new parts! EPR valve is part number 88503-24050 and costs \$671



new compressor at the back, EPR valve at the front. The Soarer aircond compressor doesn't turn off and on during operation - it turns the whole time, the EPR valve changes the load on the compressor - when it's cold enough inside the EPR doesn't circulate the gas anymore - reducing load on compressor.

Alternator is above power steering unit.

Power steering unit is bigger – does not leak like regular V8's.

Things to look for:

- Correct ride height all round
- Dry, clean struts on outside.
- Successful suspension test - see webpage
- Smooth and quiet ride.
- check the suspension fluid level - dipstick between airbox and guard.
- Ride should be firmer than regular Soarer, steering will be lighter.
- Should have hardly any body roll when changing lanes, no nose diving.
- Will not get off the line as well as '31 - heavier and suspension pump takes power.
- Will out drive any Soarer - should drive crisp and precise with great feel through wheel.
- When parked move steering wheel half a turn from full lock and back - watch rear wheel - it should smoothly turn out then in.
- No warnings on dash.
- Do diagnostic test.
- Make sure TRC light comes on Same for Active high light - takes time to lift car 15 mm only when move switch.
- Car should be level and not too low.
- Bushes will be stuffed at 90 000 km - cost \$700 to get them replaced with genuine rubber. Front lower control arms. If it checks out then they last and are trouble free.

Turning circle is 9.8 m compared to 10.8 m for every other Soarer

90 kg (1780) heavier than airbag UZZ31 (1640) . UZZ30 is 1590, TT is 1560

11 l/100 km average fuel economy on cruise at 110 km/hr (26 mpg)

Diagnostic Test :(from Steve Cheetham)

Diagnostic codes

Put a wire between Tc and E1 terminals of the diagnostics port (under the bonnet, on top of the engine). Turn the key to ACC, look at the combi meter, (not the EMV) at the bottom, using the scroll button the car will scroll through testing each system. If there is a problem it will show the system name and N/G, at this point wait while it does more testing then it will show a number, possibly more it will scroll through the error codes until it shows a solid block. Note down the system and the numbers. Hit the scroll button again to go to the next system.

Other method is to hold down the 'info' and 'audio' buttons and switch the ignition ON, ACC, ON, ACC.

To test the electric fan do the following:

Put a jumper from Ts to E1 and Tc to E1 on diagnostics port.

Start car

Toggle suspension switch, Norm->Hi->Norm->Hi->Norm within 3 seconds

The car will now test various sensors(not sure if you need to hit scroll button to advance) the last test is the electric fan will run for 1 minute.

Error Codes

TRC - 43 Malfunction in ABS or TRAC (brake) control system.

ABS - 51 Engine and ECT system malfunction.

Both of those messages point to a footnote, which says "If a malfunction is detected, the TRAC OFF indicator light lights up."

SUS 11 diagnostic code, it means the height control sensor of left front suspension may be mechanically or electrically damaged. (I think SUS 93 is also rear right sensor)

Pictures of the UZZ32 are on the Brochure or Catalog page - check [here](#).