

VEHICLE

	Audi A7 3.0T Quattro	Mercedes-Benz CLS550
PRICE BASE	\$60,125	\$72,175
PRICE AS TESTED	\$66,220	\$83,095
DIMENSIONS		
LENGTH	195.6 inches	194.5 inches
WIDTH	75.2 inches	74.1 inches
HEIGHT	55.9 inches	55.8 inches
WHEELBASE	114.7 inches	113.2 inches
FRONT TRACK	64.7 inches	62.9 inches
REAR TRACK	64.4 inches	64.1 inches
INTERIOR VOLUME	F: 50 cubic feet R: 44 cubic feet	F: 51 cubic feet R: 41 cubic feet
CARGO	25 cubic feet	15 cubic feet

POWERTRAIN

ENGINE	supercharged DOHC 24-valve V-6 183 cu in (2995 cc)	twin-turbocharged DOHC 32-valve V-8 285 cu in (4663 cc)
POWER HP @ RPM	310 @ 6500	402 @ 5750
TORQUE LB-FT @ RPM	325 @ 2900	443 @ 1800
REDLINE	6500 rpm	6700 rpm
LB PER HP	13.2	10.3
DRIVELINE	8-speed automatic	7-speed automatic
TRANSMISSION	all	rear
DRIVEN WHEELS		
GEAR RATIO:1/	1 4.71/5.9/38	1 4.38/6.8/46
MPH PER 1000 RPM/	2 3.14/8.8/57	2 2.86/10.5/70
MAX MPH	3 2.11/13.2/86	3 1.92/15.6/105
	4 1.67/16.7/109	4 1.37/21.9/134
	5 1.29/21.6/130	5 1.00/30.0/134
	6 1.00/27.8/130	6 0.82/36.6/134
	7 0.84/33.1/122	7 0.73/41.1/126
	8 0.67/41.7/114	
AXLE RATIO:1	2.85	2.47

CHASSIS

SUSPENSION	F: multilink, coil springs, anti-roll bar R: multilink, coil springs, anti-roll bar	F: struts, air springs, anti-roll bar R: multilink, air springs, anti-roll bar
BRAKES	F: 14.0-inch vented disc R: 13.0-inch vented disc	F: 14.2-inch drilled, vented disc R: 12.6-inch vented disc
ANTI-LOCK CONTROL	yes	yes
STABILITY CONTROL	yes	yes
TIRES	Yokohama Advan Sport 265/35R-20 99Y	Pirelli PZero F: 255/35R-19 96Y R: 285/30R-19 98Y

C/D TEST RESULTS

ACCELERATION		
0-30 MPH	1.7 sec	1.7 sec
0-60 MPH	5.1 sec	4.2 sec
0-100 MPH	12.8 sec	10.2 sec
0-130 MPH	26.6 sec	17.6 sec
1/4-MILE @ MPH	13.7 sec @ 103	12.8 sec @ 112
STREET START,		
5-60 MPH	5.5 sec	4.7 sec
TOP GEAR 30-50 MPH	2.4 sec	2.3 sec
TOP GEAR 50-70 MPH	3.2 sec	2.8 sec
TOP SPEED	130 mph (gov ltd)	134 mph (gov ltd)
CHASSIS		
BRAKING 70-0 MPH	161 feet	163 feet
ROADHOLDING,		
300-FT-DIA SKIDPAD	0.93 g	0.89 g
610-FT SLALOM	41.6 mph	39.7 mph
WEIGHT		
CURB	4094 pounds	4158 pounds
%FRONT/%REAR	53.8/46.2	53.8/46.2
FUEL		
TANK	19.8 gallons	21.1 gallons
REQUIREMENT	91 octane	91 octane
EPA CITY/HWY	18/28 mpg	18/26 mpg
C/D 1000-MILE TRIP	20 mpg	18 mpg
SOUND LEVEL		
IDLE	41 dBA	43 dBA
FULL THROTTLE	70 dBA	74 dBA
70-MPH CRUISE	66 dBA	66 dBA

tested by AARON ROBINSON in Willow Springs, California



FINAL RESULTS

RANK

1

2

Maximum points available
Audi A7 3.0T Quattro
Mercedes-Benz CLS550

VEHICLE

DRIVER COMFORT	10	8	10
ERGONOMICS	10	9	9
REAR-SEAT COMFORT	5	4	3
REAR-SEAT SPACE*	5	5	4
CARGO SPACE*	5	5	0
FEATURES/AMENITIES*	10	9	10
FIT AND FINISH	10	9	9
INTERIOR STYLING	10	10	8
EXTERIOR STYLING	10	10	8
REBATES/EXTRAS*	5	0	0
AS-TESTED PRICE*	20	20	15
SUBTOTAL	100	89	76

POWERTRAIN

1/4-MILE ACCELERATION*	20	16	20
FLEXIBILITY*	5	4	4
FUEL ECONOMY*	10	10	8
ENGINE NVH	10	9	10
TRANSMISSION	10	8	8
SUBTOTAL	55	47	50

CHASSIS

PERFORMANCE*	20	20	18
STEERING FEEL	10	8	8
BRAKE FEEL	10	7	8
HANDLING	10	9	9
RIDE	10	8	7
SUBTOTAL	60	52	50

EXPERIENCE

FUN TO DRIVE	25	20	21
GRAND TOTAL	240	208	197



*These objective scores are calculated from the vehicles' dimensions, capacities, rebates and extras, and/or test results.



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