

	2018 JAGUAR XF SPORTBRAKE S AWD	2018 MERCEDES-BENZ E400 4MATIC WAGON	2018 VOLVO V90 T6 AWD INSCRIPTION
PRICE AS TESTED	\$84,815	\$89,900	\$69,340
BASE PRICE	\$71,445	\$64,045	\$58,945
DIMENSIONS			
LENGTH	195.1 in	194.2 in	194.3 in
WIDTH	74.0 in	72.9 in	74.0 in
HEIGHT	58.9 in	58.1 in	58.1 in
WHEELBASE	116.5 in	115.7 in	115.8 in
FRONT TRACK	62.9 in	63.0 in	63.7 in
REAR TRACK	63.0 in	63.4 in	63.7 in
INTERIOR VOLUME	F: 53 cu ft R: 46 cu ft	F: 52 cu ft R: 47 cu ft	F: 53 cu ft R: 44 cu ft
CARGO VOLUME	34 cu ft	35 cu ft	34 cu ft
POWERTRAIN			
ENGINE	supercharged DOHC 24-valve V-6 183 cu in (2995 cc)	twin-turbocharged DOHC 24-valve V-6 183 cu in (2996 cc)	supercharged and turbocharged DOHC 16-valve inline-4 120 cu in (1971 cc)
POWER HP @ RPM	380 @ 6500	329 @ 6000	316 @ 5700
TORQUE LB-FT @ RPM	332 @ 4500	354 @ 1600	295 @ 2200
REDLINE/FUEL CUTOFF	6750/6750 rpm	6250/6000 rpm	6700/6400 rpm
LB PER HP	11.5	13.6	13.5
DRIVELINE			
TRANSMISSION	8-speed automatic	9-speed automatic	8-speed automatic
DRIVEN WHEELS	all	all	all
GEAR RATIO:1/	① 4.71/5.1/34	① 5.35/5.1/31	① 5.25/4.6/29
MPH PER 1000 RPM/	② 3.14/7.7/52	② 3.24/8.4/50	② 3.03/8.0/51
MAX MPH	③ 2.11/11.5/78	③ 2.25/12.1/73	③ 1.95/12.5/80
	④ 1.67/14.5/98	④ 1.64/16.5/99	④ 1.46/16.7/107
	⑤ 1.29/18.8/128	⑤ 1.21/22.4/127	⑤ 1.22/20.0/128
	⑥ 1.00/24.2/128	⑥ 1.00/27.1/127	⑥ 1.00/24.4/133
	⑦ 0.84/28.8/128	⑦ 0.87/31.2/127	⑦ 0.81/30.1/133
	⑧ 0.67/36.1/128	⑧ 0.72/37.7/127	⑧ 0.67/36.3/133
	⑨ 0.60/45.2/127		
FINAL-DRIVE RATIO:1	3.23	2.82	3.20
CHASSIS			
SUSPENSION	F: multilink, coil springs, anti-roll bar R: multilink, air springs, anti-roll bar	F: multilink, air springs, anti-roll bar R: multilink, air springs, anti-roll bar	F: control arms, coil springs, anti-roll bar R: multilink, air springs, anti-roll bar
BRAKES	F: 13.8-inch vented disc R: 12.8-inch vented disc	F: 14.2-inch vented, cross-drilled disc R: 14.2-inch vented disc partially defeatable	F: 13.6-inch vented disc R: 12.6-inch vented disc
STABILITY CONTROL	fully defeatable, traction off		partially defeatable
TIRES	Pirelli Cinturato P7 All Season 255/35R-20 97H M+S	Goodyear Eagle Sport All-Season RunOnFlat 245/45R-18 100H M+S	Michelin Pilot Sport A/S 3+ 255/35ZR-20 97Y M+S

CAR AND DRIVER TEST RESULTS

ACCELERATION			
0-30 MPH	1.9 sec	1.8 sec	2.1 sec
0-60 MPH	5.2 sec	5.0 sec	5.6 sec
0-100 MPH	12.5 sec	12.5 sec	14.5 sec
0-120 MPH	18.6 sec	18.8 sec	22.8 sec
1/4-MILE @ MPH	13.6 sec @ 104	13.6 sec @ 104	14.2 sec @ 99
ROLLING START,			
5-60 MPH	5.5 sec	5.7 sec	6.4 sec
TOP GEAR, 30-50 MPH	2.9 sec	3.0 sec	3.0 sec
TOP GEAR, 50-70 MPH	3.8 sec	3.8 sec	4.2 sec
TOP SPEED	128 mph (gov ltd)	127 mph (gov ltd)	133 mph (gov ltd)
CHASSIS			
BRAKING, 70-0 MPH	178 ft	182 ft	160 ft
ROADHOLDING,			
300-FT-DIA SKIDPAD	0.87 g	0.85 g*	0.94 g*
610-FT SLALOM	42.0 mph	41.8 mph*	43.5 mph*
WEIGHT			
CURB	4362 lb	4483 lb	4277 lb
%FRONT/%REAR	50.2/49.8	52.0/48.0	53.7/46.3
FUEL			
TANK	19.5 gal	21.1 gal	15.9 gal
RATING	91 octane	91 octane	91 octane
EPA COMBINED/CITY/HWY	21/18/25 mpg	21/19/25 mpg	25/22/31 mpg
C/D 500-MILE TRIP	17 mpg	19 mpg	18 mpg
PRACTICAL STOWAGE			
NO. OF 9 X 14 X 22-IN			
BOXES, SEATS UP/FOLDED	9/21	11/24	8/21
SOUND LEVEL			
IDLE	38 dBA	36 dBA	46 dBA
FULL THROTTLE	77 dBA	72 dBA	74 dBA
70-MPH CRUISE	66 dBA	64 dBA	66 dBA

*Stability-control inhibited.

FINAL RESULTS

Shell
V-Power
NITRO+
Premium Gasoline
The Official Fuel of
CAR AND DRIVER

Maximum points available

	JAGUAR XF SPORTBRAKE S AWD	MERCEDES-BENZ E400 4MATIC	VOLVO V90 T6 AWD
VEHICLE			
DRIVER COMFORT	10	10	8
ERGONOMICS	9	9	7
REAR-SEAT COMFORT	5	4	3
REAR-SEAT SPACE*	5	5	5
CARGO SPACE*	5	5	4
FEATURES/AMENITIES*	10	10	7
FIT AND FINISH	10	8	7
INTERIOR STYLING	10	9	8
EXTERIOR STYLING	10	8	9
REBATES/EXTRAS*	5	0	1
AS-TESTED PRICE*	20	14	16
SUBTOTAL	84	86	75
POWERTRAIN			
1/4-MILE			
ACCELERATION*	20	17	20
FLEXIBILITY*	3	3	4
FUEL ECONOMY*	10	9	8
ENGINE NVH	10	6	6
TRANSMISSION	10	9	10
SUBTOTAL	55	42	48
CHASSIS			
PERFORMANCE*	20	15	16
STEERING FEEL	10	6	9
BRAKE FEEL	10	7	9
HANDLING	10	8	9
RIDE	10	8	8
SUBTOTAL	60	46	51
EXPERIENCE			
FUN TO DRIVE	25	18	20
TOTAL	240	199	194

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