

DURAMAX DIESEL 6600 6.6-LITER V8 ENGINE WITH VARIABLE-GEOMETRY TURBOCHARGER

- The 2006 H1 Alpha is powered by GM's award-winning Duramax Diesel 6600 6.6-liter V8 engine.
- This engine features a variable-geometry turbocharger that improves power with virtually no turbo lag.

MORE POWER

- The Duramax Diesel 6600 engine is capable of delivering 300 horsepower at 3000 revolutions-per-minute.
- That's 46 percent more horsepower than the previous 205 hp engine!

MORE TORQUE

- Torque has also been improved to 520 pounds-per-foot.
- That's 18 percent more torque than the previous model!

QUICK ACCELERATION

- H1 Alpha can go from zero to 60 miles-per-hour in 13.5 seconds.
- That's 18 percent quicker than previous models.

REDUCED NOISE AND LONGER CRUISING RANGE

- The Duramax Diesel 6600 engine has less operating noise and was designed to reduce vehicle maintenance.
- Offers an estimated 10 percent increase in fuel economy versus the previous diesel model for a cruising range of 570 miles.

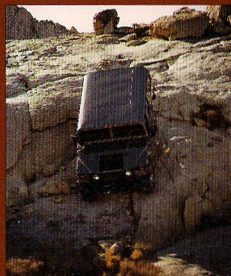
NEW ALLISON 1000 5-SPEED OVERDRIVE AUTOMATIC TRANSMISSION

- A proven performer in both medium and heavy duty commercial truck applications
- Offers several benefits for H1 Alpha
 - Low first gear ratio delivers more responsive off-line acceleration and torque.
 - Final gear crawl ratio that provides improved power for slow-speed, high torque rock and obstacle climbing.
 - Higher overdrive provides greater fueling economy easier cruising for on-road driving.

ALLISON 1000 5-SPEED OVERDRIVE AUTOMATIC TRANSMISSION

Gear ratios

1st	3:10:1
2nd	1.81:1
3rd	1.41:1
4th	1.00:1
5th	0.71:1
Reverse	4.49:1
Torque Converter Ratio	2.1:1
Final Crawl Ratio	41.5:1



2006 HUMMER H1 ALPHA SPECIFICATIONS

POWERTRAIN AND CHASSIS

ENGINE TYPE	Duramax Diesel 6600 6.6-liter V8	
HORSEPOWER	300 hp @ 3000 rpm	
TORQUE	520 lb-ft @ 1500 rpm	
TRANSMISSION	Allison 1000 5-Speed Automatic	
TRANSFER CASE	New Venture 242	
SUSPENSION	4 wheel independent double "A" frame	
DRIVETRAIN	Full time 4WD plus Torque Track 4™ (TT4) traction control system	
STEERING	Power Assisted	

DIMENSIONS

	WAGON	SOFT TOP
LENGTH	184.5 in.	
HEIGHT	77 in.	79 in.
WIDTH (EXCLUDING MIRRORS)	86.5 in.	
WHEELBASE	130 in	
TRACK WIDTH	71.6 in	
MAXIMUM TOWED LOAD	9,036 lbs.	9,303 lbs.
GROUND CLEARANCE	16.0 in	
WATER FORDING DEPTH	30.0 in	
GRADE CAPACITY	60%	
SIDE SLOPE CAPACITY	40%	
BREAK-OVER ANGLE	29.0 degrees	
APPROACH ANGLE (WITH WINCH)	47 degrees	
DEPARTURE ANGLE	37.5 degrees	
TURNING RADIUS	25.5 ft.	
RUNFLAT TIRES	30 miles @ 20 mph	

H1 ALPHA ADVENTURE PACKAGE

- Eaton® ELocker™ front and rear differentials
- Two-piece forged aluminum wheels with dual beadlock
- 12,000 lb. winch

MT/R OFF-ROAD TIRE (only available with Adventure Package)

- 37x12x5R17 Load Range "E" Goodyear Wrangler MT/R with Durawall puncture resistant technology



GM PRODUCT TRAINING
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HUMMER®

2006 HUMMER H1 ALPHA PRODUCT WALKAROUND



NEW FOR 2006:

- Duramax Diesel 6600 6.6-liter V8 Engine
- Allison 1000 5-Speed Automatic Overdrive Transmission
- Enhanced On- and Off-Road Performance
- Iconic Exterior Design Cues
- More Ergonomic Interior

