

American Motors

1971 AMA SPECIFICATIONS FORM ... Passenger Car

MANUFACTURER AMERICAN MOTORS CORPORATION	CAR NAME . Gremlin . Matador . Javelin . Hornet . Ambassador	
MAILING ADDRESS 14250 Plymouth Road Detroit, Michigan 48232 Attn: C. Chakmakian, Manager Product Information Dept., 493-2557 (313)	MODEL YEAR 1971	ISSUED October 6, 1970 REVISED (●)

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AMA Specifications Form—Passenger Car

MAKE OF CAR AMERICAN MOTORSMODEL YEAR 1971DATE ISSUED 10-6-70 REVISED (*)

BODY MODEL

Body type, number of passengers, and style names; use manufacturer's code for series & body style.

	2-DOOR SEDAN	4-DOOR SEDAN	4-DOOR WAGON	2-DOOR HARDTOP
<u>7101: HORNET</u> ; BASE (Six)	7106-0	7105-0	- - -	- - -
SST (Six & V-8)	7106-7	7105-7	- - -	- - -
SC/360 (V-8)	7106-1	- - -	- - -	- - -
SPORTABOUT (Six & V-8)	- - -	- - -	7108-7	- - -
<u>7140: GREMLIN</u> ; 2-Passenger (Six)	7146-0	- - -	- - -	- - -
4-Passenger (Six)	7146-5	- - -	- - -	- - -
<u>7170: JAVELIN</u> ; BASE (Six & V-8)	- - -	- - -	- - -	7179-5
SST (Six & V-8)	- - -	- - -	- - -	7179-7
AMX (V-8)	- - -	- - -	- - -	7179-8
<u>7110: MATADOR</u> ; (Six & V-8)	- - -	7115-7	7118-7	7119-7
<u>7180: AMBASSADOR</u> ; DPL (Six & V-8)	- - -	7185-2	- - -	- - -
SST (V-8)	- - -	7185-5	7188-5	7189-5
BROUGHAM (V-8)	- - -	7185-7	7188-7	7189-7

Gremlin models are 2- or 4-passenger.

All Hornet models are 5-passenger.

All Javelin models are 4-passenger.

All Matador & Ambassador models are 6-passenger except:

8-Pass. for Matador, Ambassador SST & Brougham 3-Seat Wagon option.

5-Pass. for Matador, Ambassador Brougham Hardtops with optional Bucket Seats.

Bucket Seats optional on Matador Hardtop & Ambassador Brougham Hardtop.

Bucket Seats standard on all Javelin models.

Bucket Seats optional on Gremlin 4-passenger model (standard on Gremlin X).

Individually-Adjustable Reclining Seats standard on Ambassador Brougham, optional on Ambassador DPL & SST, all Matadors plus Hornet SST and Sportabout (standard on Hornet SC/360 & Sportabout D/L).

All Matador & Ambassador Wagons have Dual-Hinged Tailgate.

All Hornet Sportabout Wagons have a Liftgate.

Gremlin 4-passenger model has Fold-Down Rear Seat & Liftgate Window.

Roof Rack Standard on all Ambassador Wagons, optional on Matador Wagon, Gremlins & Hornet Sportabout (standard on Sportabout D/L).

AMA Specifications Form—Passenger Car

MAKE OF CAR		AMERICAN MOTORS		MODEL YEAR 1971		DATE ISSUED 10-6-70		REVISED (a)	
Availability on Page 4		232 CID SIX	258 CID SIX	258 CID SIX	304 CID V8	360 & 401 V8			
MODEL		Hornet Gremlin Javelin	Hornet Gremlin Matador	Ambassador (plus Fleet & Export for 232 & 258 in other models)	Javelin	Hornet Javelin Matador			
DRIVE UNITS - CLUTCH		Manual Transmission							
Make & Type	Dry Plate	Dana #100859	Dana #100859	Borg & Beck #106-10001	Borg & Beck #SK-40641	Borg & Beck #1528			
Type pressure plate springs		3 Coils	3 Coils	9 Coils	9 Coils	12 Coils & 6 rollers			
Total spring load (lb.)		1500-1600	1500-1600	1644 Nom.	2028 Nom.	2386 Nom. (2212-2560)			
No. of clutch driven discs	One	Dana 100900-1	Dana X100900-2	B&B 102-10002	B&B SK-40642	B&B X102-10217			
Material		Woven Asbestos							
Outside & ins. dia.		6.00 x 9.25	6.00 x 9.25	6.75 x 10.00	6.50 x 10.00	6.50 x 11.00			
Total eff. area (sq. in.)		77.96	77.96	85.52	99.72	123.70			
Thickness		.125 F & R	.125 F & R	.125 F, .135 R	.125 F & R	.135 F, .145 R			
Engagement cushioning method		Flat Spring Steel Between Facings							
Release bearing	Type & method of lubrication	Ball Bearing, Permanently Lubricated							
Torsional damping	Methods, springs, friction material	Coil Springs							
DRIVE UNITS - TRANSMISSIONS		232 & 258 CID SIXES		304, 360 & 401 CID V-8's					
Manual 3-speed (std., opt. N.A.)		Std. (Opt. for Amb. Fleet Sales)		Std. for 360 V-8, Hornet & Javelin					
Manual 4-speed (std., opt. N.A.)		N.A.		Std. for 304 V-8, Javelin only					
Automatic (std., opt. N.A.)		Opt. (Std. for Ambassador)		Opt. for 360-4B & 401 (see page 4)					
DRIVE UNITS - MANUAL TRANS.									
		232 SIX (Hornet & Gremlin)	304 V-8 (JAVELIN) 232 & 258 SIX (Hornet, Gremlin, Javelin & Matador)	360 V-8 (Javelin & Hornet)	360 V-8 401 V-8 (Javelin, Hornet & Matador)				
Warner-Gear Mfg. No.		T-96J	T-14	T-15	T-10				
Number of forward speeds		3	3	3	4				
In first		2.605	2.636	2.548	2.23				
In second		1.630	1.605	1.558	1.77				
In third		1.000	1.000	1.000	1.35				
In fourth		- - -	- - -	- - -	1.00				
In reverse		3.536	2.636	2.548	2.16				
Synchronous meshing, specify gears		2 & 3 Column (or Floor in Gremlin)	1, 2 & 3 Floor (Column in Matador)	1, 2 & 3	1, 2, 3 & 4				
Shift lever location				Floor	Floor				
Capacity (pt.)		1.5	2.5	3.0	2.5				
Type recommended		Mineral Gear Lubricant							
SAE vis- Summer		80							
SAE vis- Winter		80							
SAE vis- Extreme cold		80							

MAKE OF CAR AMERICAN MOTORS MODEL YEAR 1971 DATE ISSUED 10-6-70

REVISED 9/1

MODEL YEAR 1971

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BRAKES - SERVICE

Model	Year	Brake	Service	Model	Year	Brake	Service	Model	Year	Brake	Service	Model	Year	Brake	Service
Standard	1971	Drum, Front & Rear	Standard	Standard	1971	Drum, Front & Rear	Standard	Standard	1971	Drum, Front & Rear	Standard	Standard	1971	Drum, Front & Rear	Standard

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