

12 7/31/90 pdg

Administrator
National Highway Traffic Safety
Administration
400 Seventh Street, S. W.
Washington, D. C. 20590
U. S. A.

Mazda Motor Corporation
P.O.Box18, Hiroshima
730-91 Japan
Telephone:(082)282-1111
Telex:652333 MAZDA J



ORIGINAL

30 AUG 2 AIO : 45

RECEIVED
NHTSA DOCKET

Attention: VIN Coordinator

01-22-N11B-3727

May. 24, 1990
Our Ref. No. NH90/11

Re: VIN Coding

6 pp

Dear Sir:

In accordance with the requirement of §565.5 in 49 CFR Part 565, we, Mazda Motor Corporation, hereby submit the information necessary to decipher the characters contained in the Vehicle Identification Numbers which are assigned to '91 year model passenger cars, trucks and multipurpose passenger vehicles manufactured by our company.

If you have any question, please do not hesitate to let us know.

Very truly yours,

Kazuhiro Nishimura
Regional Manager
Overseas Certification Group
Vehicle Certification Department

Encl.

cc: Mazda Research & Development of North America, Inc.
Mazda Research & Development Center - Ann Arbor
Mazda (North America), Inc. - Wash., D.C.

Table I - Codes Common to All Vehicle

Vehicle Identification Number																	Decipherable Information	
Sec. Position	1st			2nd					3rd									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		17
[A] World Manufacturer Identifier [VIN Position: 1 - 3]																		
	J	M	1															MAZDA MAKE - Passenger Car
	J	M	2															MAZDA MAKE - Truck
	J	M	3															MAZDA MAKE - Multipurpose Passenger Vehicle
	1	Y	V															MAZDA (U. S. A.) MAKE - Passenger Car
[B] Check Digit [VIN Position: 9]																		
								*										Calculation according to §565.4 (c) in PART 565
[C] Model Year [VIN Position: 10]																		
									M									1991 Model Year
[D] Plant of Manufacturer [VIN Position: 11]																		
																	0	Hiroshima, Japan
																	1	Hofu, Yamaguchi, Japan
																	5	Flat Rock, U. S. A.
[E] Sequence Number [VIN Position: 12 - 17]																		
												n	n	n	n	n	n	(100001 - 999999)
																	* = 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, X	

2

Table II - Codes to Passenger Car

Sec. Position	Vehicle Identification Number																	Decipherable Information					
	1st			2nd					3rd									Line	Series	Body Type	Engine Type	Restraint System Type	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17						
	J	M	1																MAZDA MAKE - Passenger Car				
				B	G	2	2	2										323	SEDAN	4-dr Sedan	B6E (82+8HP)	Passive Belt	
				B	G	2	2	4										323	SEDAN	4-dr Sedan	BPE (103+10HP)	Passive Belt	
				B	G	2	2	6										323	SEDAN	4-dr Sedan	BPD (125+12HP)	Passive Belt	
				B	G	2	2	8										323 (4x4)	SEDAN	4-dr Sedan	BPE (103+10HP)	Passive Belt	
				B	G	2	3	2										323	HATCHBACK	3-dr Hatchback	B6E (82+8HP)	Passive Belt	
				B	G	2	3	4										323	HATCHBACK	3-dr Hatchback	BPE (103+10HP)	Passive Belt	
				B	G	2	3	6										323	HATCHBACK	3-dr Hatchback	BPD (125+12HP)	Passive Belt	
				G	D	2	2	2										626	SEDAN	4-dr Sedan	F2E (110+11HP)	Passive Belt	
				G	D	2	2	4										626	SEDAN	4-dr Sedan	F2 turbo (145+14HP)	Passive Belt	
				G	D	2	4	2										626	HATCHBACK	5-dr Hatchback	F2E (110+11HP)	Passive Belt	
				G	D	2	4	4										626	HATCHBACK	5-dr Hatchback	F2 turbo (145+14HP)	Passive Belt	

4X4 : 4 Wheel Drive

W

Table III - Codes to Truck

Vehicle Identification Number																	Decipherable Information							
Sec. Position	1st			2nd					3rd								Model or Type	Series	Chassis	Cab Type	Engine Type	Brake System	GVWR	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16								17
	J	M	2															MAZDA MAKE - Truck						
				U	F	1	1	3										B2200	Pick-up	Short	Bonnet Type Single Cab.	F2 (85+8HP)	2-Circuit Hydraulic	Class C
				U	F	2	1	3										B2200	Pick-up	Long	Bonnet Type Single Cab.	F2 (85+8HP)	2-Circuit Hydraulic	Class C
				U	F	3	1	3										B2200	Pick-up	Long	Bonnet Type Stretch Cab.	F2 (85+8HP)	2-Circuit Hydraulic	Class C
				U	F	1	2	3										B2200	Pick-up	Short	Bonnet Type Single Cab.	F2E (91+9HP)	2-Circuit Hydraulic	Class C
				U	F	2	2	3										B2200	Pick-up	Long	Bonnet Type Single Cab.	F2E (91+9HP)	2-Circuit Hydraulic	Class C
				U	F	3	2	3										B2200	Pick-up	Long	Bonnet Type Stretch Cab.	F2E (91+9HP)	2-Circuit Hydraulic	Class C
				U	F	1	1	4										B2600i	Pick-up	Short	Bonnet Type Single Cab.	G6E (121+12HP)	2-Circuit Hydraulic	Class C
				U	F	3	1	4										B2600i	Pick-up	Long	Bonnet Type Stretch Cab.	G6E (121+12HP)	2-Circuit Hydraulic	Class C
				U	F	4	1	4										B2600i (4X4)	Pick-up	Short	Bonnet Type Single Cab.	G6E (121+12HP)	2-Circuit Hydraulic	Class C
				U	F	5	1	4										B2600i (4X4)	Pick-up	Long	Bonnet Type Single Cab.	G6E (121+12HP)	2-Circuit Hydraulic	Class C
				U	F	6	1	4										B2600i (4X4)	Pick-up	Long	Bonnet Type Stretch Cab.	G6E (121+12HP)	2-Circuit Hydraulic	Class C
				L	V	6	2	1										MPV	Van	4X2	4-dr Van	G6E (121+12HP)	2-Circuit Hydraulic	Class C

4X4: 4 Wheel Drive

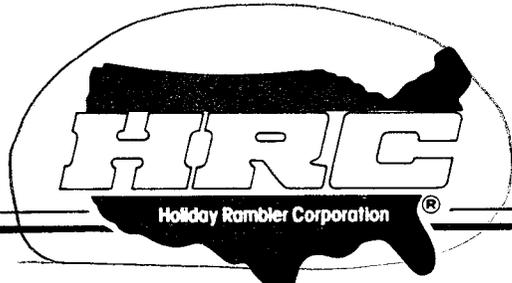
Table IV - Codes to Multipurpose Passenger Vehicle

Vehicle Identification Number																	Decipherable Information					
Sec. Position	1st			2nd					3rd								Line	Series	Body Type	Engine Type	GVWR	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16						17
	J	M	3															MAZDA MAKE - Multipurpose Passenger Vehicle				
				L	V	5	2	1										MPV	WAGON	4-dr Wagon	G6E (121+12HP)	Class C
				L	V	5	2	2										MPV	WAGON	4-dr Wagon	JEE (150+15HP)	Class D
				L	V	5	2	3										MPV (4X4)	WAGON	4-dr Wagon	JEE (150+15HP)	Class D

4X4: 4 Wheel Drive

6

B 7/31/90 pde



ORIGINAL

65906 STATE ROAD 19 • P.O. BOX 465
WAKARUSA, INDIANA 46573
TELEPHONE: 219/862-7211

01-22-N11B-3728

RICHARD E. BOND Vice President/General Counsel
and Secretary

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

May 21, 1990

90 AUG 2 AID: 45

RECEIVED
NHTSA DOC# 17

Copy

Administrator
National Highway Traffic Safety Administration
400 Seventh Avenue, S.W.
Washington, D.C. 20590

Attention: V.I.N. Coordinator

Re: UTILIMASTER MOTOR CORPORATION

Dear Sir or Madam:

Enclosed is the following amended interpretive information for Utilimaster Motor Corporation's vehicle identification number:

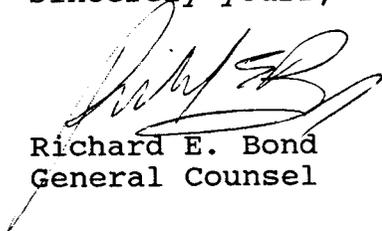
- Index (indicating addition of wheelbase data to position 6)
- Position 6 - Cab Type/Chassis/Wheelbase Identifier
- Position 7 - Engine Type Identifier
- Position 8 - Brake System/GVWR Identifier

These amendments will become effective on 8/1/90. Utilimaster Motor Corporation is a subsidiary of Holiday Rambler Corporation.

Administrator - NHTSA
Page 2
May 21, 1990

In order to verify that these amendments and all previous amendments have been correctly recorded by NHTSA, I would appreciate it if you could provide me with a copy of the complete Utilimaster Motor Corporation interpretive information as shown on your records. For that purpose, I am enclosing a pre-addressed, postage prepaid envelope. Thank you.

Sincerely yours,



Richard E. Bond
General Counsel

REB/jk

Enclosures

cc: John Knudtson
Sanford Lehman

UTILIMASTER MOTOR CORPORATION
VEHICLE IDENTIFICATION NUMBER
FOR TRUCKS AND INCOMPLETE VEHICLES

INDEX

<u>POSITION</u>	<u>CHARACTER MEANING</u>
1	WMI Code
2	WMI Code
3	WMI Code
4	Model
5	Series
6	Cab Type/Chassis/Wheelbase
7	Engine Type
8	Brake System/GVWR
9	Check Digit
10	Model Year
11	Plant of Manufacture
12	Sequential Number
13	Sequential Number
14	Sequential Number
15	Sequential Number
16	Sequential Number
17	Sequential Number

Effective 8/1/90

UTILIMASTER MOTOR CORPORATION

CAB TYPE / CHASSIS / WHEELBASE IDENTIFIER

<u>CODE</u>	<u>CAB TYPE</u>	<u>CHASSIS</u>	<u>WHEELBASE</u>
0	Conventional	Ladder Frame	127"
1	Forward Control	Ladder Frame	160"
2	Forward Control	Ladder Frame	190"

Position 6

Effective 8/1/90

4

UTILIMASTER MOTOR CORPORATION

ENGINE TYPE IDENTIFIER

<u>CODE</u>	<u>ENGINE TYPE</u>
1	2.5 L4
2	3.3 V6
3	3.9 L4 Diesel
4	5.8 V8
5	7.5 V8

Position 7

Effective 8/1/90

UTILIMASTER MOTOR CORPORATION
BRAKE SYSTEM / GVWR IDENTIFIER

<u>CODE</u>	<u>BRAKE SYSTEM</u>	<u>GVWR</u>
A	Vacuum Assist	4,001 - 5,000
B	Vacuum Assist	5,001 - 6,000
C	Vacuum Assist	6,001 - 7,000
D	Hydraulic Power Assist	9,001 - 10,000
E	Hydraulic Power Assist	10,001 - 14,000

Position 8

Effective 8/1/90

6

B 7/31/90 AS 2000

The American StoresSM

ORIGINAL

American Semi Parts & Service, Inc.SM 2814 Cleveland Avenue North	612/633-2872 St. Paul, Minnesota 55113
American Wheel & Brake, Inc.SM 2249 East Main Street P.O. Box 2764	701/282-2866 West Fargo, North Dakota Fargo, North Dakota 58108
American Rim & Brake, Inc.SM 4520 North Cliff	605/336-9661 Sioux Falls, South Dakota 57104
American Spring & Brake, Inc.SM 4150 West Brewster P.O. Box 1053	414/739-6371 Appleton, Wisconsin 54912
American Power and Gear, Inc.SM 2249 East Main Street P.O. Box 2764	701/282-9362 Fargo, North Dakota 58108

ITT TELEX 4991799

01-22-NIB.

May 21, 1990

3729

30 AUG 2 AIO : 46
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Administrator
National Highway Traffic Safety Administration
400 Seventh Street S.W.
Washington, D.C. 20590

ATTENTION: VIN Coordinator

RE: Serial Number Outline

3pp

American Wheel & Brake, Inc., a North Dakota Corporation, currently has a manufacturing facility located at 2249 East Main Avenue, West Fargo, ND 58078. The mailing address is P.O. Box 2764, Fargo, ND 58108. The following is our presentation for permanent record surrounding the Serial Numbers which we will affix to completed utility-type trailers.

1. The first three digits, aka, the first section, have been assigned by the Society of Automotive Engineers: "1A9".
2. The second section, fourth through eighth digits, is as follows:
 - The fourth digit is the type of trailer to be indicated by the letter "U", representing that this is a utility-type trailer.
 - The fifth digit is to indicate the body style of the trailer. The letter "V" will represent that the utility trailer is a van type.
 - The sixth and seventh digits represent the trailer length. A 21 will represent a trailer with an overall length of twenty-one feet.
 - The eighth digit is that of axle configuration. Using the number "6" will represent two 6000# axles.
3. The third section is as follows:
 - The 10th digit will be used for the model year as evidenced by the current rules and regulations for the 10th digit. 1990 = "L".
 - The 11th digit will represent plant of manufacture. Using the number "2" to represent the trailer is manufactured at 2249 East Main Avenue, West Fargo, ND 58078 with P.O. Box 2764, Fargo, ND 58108.

The American StoresSM

American Semi Parts & Service, Inc. SM 2814 Cleveland Avenue North	612/633-2872 St. Paul, Minnesota 55113
American Wheel & Brake, Inc. SM 2249 East Main Street P.O. Box 2764	701/282-2866 West Fargo, North Dakota Fargo, North Dakota 58108
American Rim & Brake, Inc. SM 4520 North Cliff	605/336-9661 Sioux Falls, South Dakota 57104
American Spring & Brake, Inc. SM 4150 West Brewster P.O. Box 1053	414/739-6371 Appleton, Wisconsin 54912
American Power and Gear, Inc. SM 2249 East Main Street P.O. Box 2764	701/282-9362 Fargo, North Dakota 58108

ITT TELEX 4991799

- The 12th, 13th, and 14th digits are "224". These have been assigned by the Society of Automotive Engineers.
- The 15th, 16th, and 17th digits of the ultimate Serial Number will be sequentially assigned as the units are created. The first trailer built will be "001".

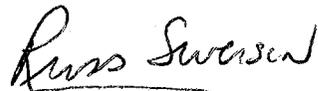
4. The ninth digit, that being the check digit, will be assigned as per the appropriate regulations.

We hereby submit this and request that it becomes a permanent record.

We hereby certify that as our production environment changes, we will so notify the N.H.T.S.A. as they affect our Serial Number logic.

A sample is attached showing what Serial Number our first trailer will have following the outline of this letter.

Sincerely,

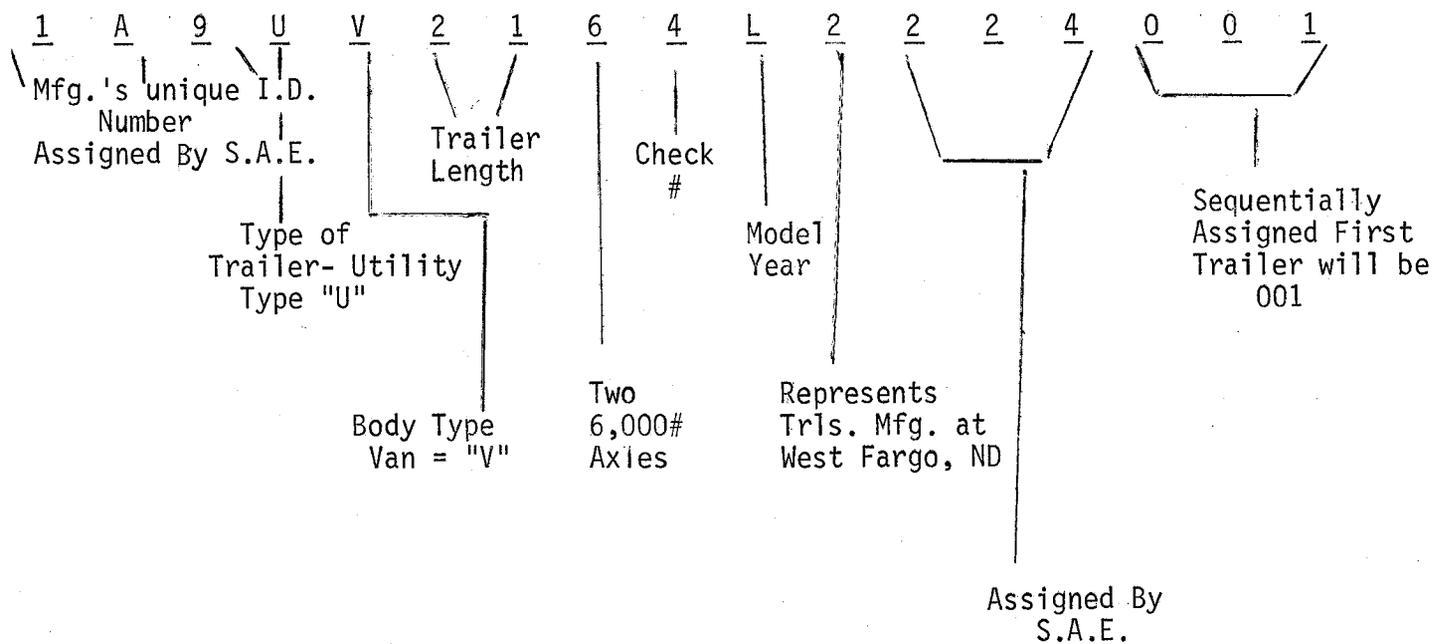


Russ Severson
Branch Manager
American Wheel & Brake, Inc.
P.O. Box 2764
Fargo, ND 58108

c: Tony Dorso
Cliff Yentes

Attachment

17 CHARACTER IDENTIFICATION NUMBER



B 7/31/90 pdz



STERLING

RECEIVED - OVSC

90 MAY 18 PM 2:28

May 15, 1990

01-22-N11B-3730

Administrator
National Highway Traffic Safety
Administration
400 Seventh St S.W.
Room 6113
Washington, D.C. 20590

ORIGINAL

Jpp

RECEIVED
NHTSA DOCKET
AUG 2 AIO: 46

Attn: VIN Coordinator

Subject: VIN Data for 1991 MY Sterling Passenger Cars

Dear Sir or Madam:

Pursuant to the requirements of Part 565, Vehicle Identification Number, Austin Rover Cars of North America (d.b.a. Sterling Motor Cars), importer of the Sterling passenger car manufactured by Rover Group, Ltd. U. K., is hereby updating our information on VIN characters for the 1991 model year Sterling passenger car.

The complete VIN code for 1991 is shown below.

<u>VIN Position</u>	<u>Character</u>	<u>Identification</u>
1-3	SAX	World Manuf. Ident
4-5	XS	Sterling 827 model
6		Trim Level
	(4)	4 = Si Package
	(5)	5 = SLi Package
	(8)	8 = SL Package
7		Body Type and Restraint System
	(3)	3 = 4 door sedan with automatic restraint system
	(6)	6 = 5 door hatch-back sedan with automatic restraint system

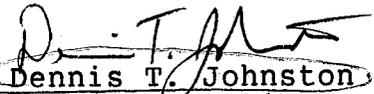
STERLING MOTOR CARS

8953 N.W. 23RD STREET • MIAMI • FLORIDA • 33172
TELEPHONE: (305) 477-7400 • TELEFAX: (305) 477-7404 • TELEX: 494-7193

<u>VIN Position</u>	<u>Character</u>	<u>Identification</u>
8		Engine Family and Transmission Type
	(G)	49 State 2.7 L V-6 with 5 speed manual trans
	(H)	49 State 2.7 L V-6 with automatic trans
	(J)	Calif 2.7 L V-6 with 5 speed manual trans
	(K)	Calif 2.7 L V-6 with automatic trans
9	(X)	Check Digit
10	(M)	1991 Model Year
11	(M)	Cowley Assembly Pl.
12-17		Serial Number

If there are any questions on the contents of the 1991 Sterling VIN code, feel free to contact me on (213) 437-0911 ext. 226 at your earliest convenience.

Sincerely,


Dennis T. Johnston
Senior Executive Engineer
Product Engineering and
Regulatory Affairs

B 7/31/90
pdg
OVSS

J M TRAILER MANUFACTURING
205 West Speedway
Trumann, Arkansas 72472
(501) 483-7952,

ORIGINAL

01-22-NIB-3731 May 10, 1990

Administrator
National Highway Traffic Safety Administration
400 Seventh Street S.W.
Washington, DC 20590
Attention: VIN Coordinator

Jpg

90 AUG 2 A10:46

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NHTSA DOCKET

RE: Sample VIN scheme

Dear Sir or Madam:

Please find below samples of the intended VIN scheme for our company.

Sample 1: Utility Trailers

1J9US0614L1084001

Explanation:

- Digits 1-3 furnished by SAE
- Digits 4-8 U=Utility, S=Standard, 06=length, 1=axles
- Digits 9 Check digit
- Digits 10 L=Year
- Digits 11 Plant where built
- Digits 12-14 furnished by SAE
- Digits 13-17 Number of trailers built by company 001=1st trailer built by company

Note that these trailers could be several lengths. i.e. 08 ft., 10 ft., 12 ft., 14 ft., 16 ft.

Sample 2: Boat Trailer

1J9BS1210L1084001

Explanation:

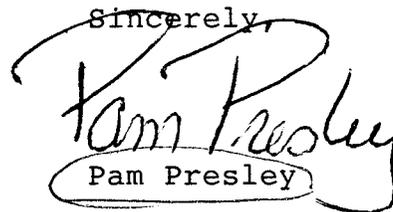
- Digits 1-3 furnished by SAE
- Digits 4-8 B=Boat Trailer, S=Standard, 12=length, 1=axles
- Digit 9 check digit
- Digit 10 Model Year
- Digit 11 Plant where built
- Digits 12-14 furnished by SAE
- Digits 15-17 Number of trailer built by company 001=1st trailer built by company

Note that these trailers could be various lengths.

I hope this information is sufficient. If you have any questions, please feel free to contact me at (501) 935-8621 or contact James Swindle at (501) 483-7952.

Thank you for your time.

Sincerely,

A handwritten signature in cursive script that reads "Pam Presley". The signature is written in black ink and is positioned above a typed name in a stamp.

Pam Presley

B 7/31/90 pdg #
OVSJ

MACK TRUCKS, INC.

WORLD HEADQUARTERS
2100 MACK BOULEVARD
BOX 1761
ALLENTOWN, PENNSYLVANIA 18105-1761
(215) 439-3011

ORIGINAL

May 10, 1990

01-22-N11B-3732

CERTIFIED MAIL

Administrator, National Highway
Traffic Safety Administration
400 Seventh Street, S.W.
Washington, D.C. 20590

Attention: VIN Coordinator

Gentlemen:

SUBJECT: VEHICLE IDENTIFICATION NUMBER (VIN)
CODING INFORMATION - REVISION C-90

2 pp

J AUG 2 AIO : 46

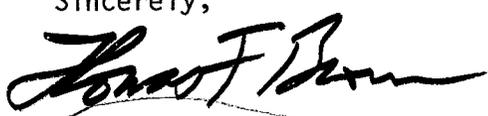
RECEIVED
NHTSA DOCKET

Pursuant to Sections 565.5 (d) and (e) of 49 CFR Part 565 - Vehicle Identification Number - Content Requirements, Mack Trucks, Inc., a manufacturer of heavy duty diesel trucks of 26,000 pounds GVWR and greater, submits the attached revision to the VIN coding information for such vehicles manufactured by Mack Trucks, Inc. and our Canadian subsidiary, Mack Canada Inc.

The following page has been revised to reflect an addition to our VIN coding information:

<u>Revised Page</u>	<u>Revision Category</u>
P-12	Added Code P306

Sincerely,



Thomas F. Brown
Staff Engineer-Technical Services

1d/046/1

Attachment



VIN CODING INFORMATION
FOR MACK VEHICLES

CODES P298 THROUGH P306

CODE	MODEL	SERIES	CAB TYPE	ENGINE TYPE	MACK VEHICLE DESIGNATION
P298	RD	600	CBE	6 Cyl. - 672 CID (11.0 L) 270 BHP (201 kW)	RD688RP
P299	RD	600	CBE	6 Cyl. - 672 CID (11.0 L) 350 BHP (261 kW)	RD688RP
P300	RD	600	CBE	6 Cyl. - 672 CID (11.0 L) 250 BHP (186 kW)	RD690RP
P301	RD	600	CBE	6 Cyl. - 672 CID (11.0 L) 300 BHP (224 kW)	RD690RP
P302	RD	600	CBE	6 Cyl. - 672 CID (11.0 L) 270 BHP (201 kW)	RD688RS
P303	RD	600	CBE	6 Cyl. - 672 CID (11.0 L) 350 BHP (261 kW)	RD688RS
P304	RD	600	CBE	6 Cyl. - 672 CID (11.0 L) 250 BHP (186 kW)	RD690RS
P305	RD	600	CBE	6 Cyl. - 672 CID (11.0 L) 300 BHP (224 kW)	RD690RS
P306	RD	800	CBE	6 Cyl. - 728 CID (12.0L) 300 BHP (224 kW)	RD888S

2