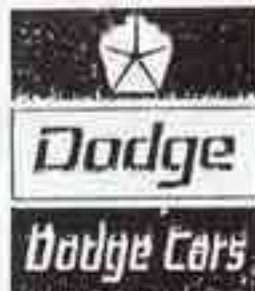


Challenger

TA

Technical Service Bulletin



Of Interest ☐ General Manager ☐ Sales Manager ☐ Service Manager ☐ Parts Manager ☐ Service Technicians

Jan. 15, 1969

No. D69-23-10

Should it be necessary to refinish the Charger lower deck panel or the Coronet body sill, painted with black organosol, Ditzler recommends the following procedure for their DDL-9355 exterior black.

APPLICATION DIRECTIONS

1. Clean the surface with DX-440 Ditz-o-wax and grease remover to remove any contamination before sanding.
2. Sand the area to be refinished with 320 grit sandpaper or finer. Reclean the surface.
3. Color Reduction: Thin DDL-9355 150% with DTA-105 Acrylic Thinner. (One quart black to 1-1/2 quarts thinner.)
4. Air Pressure: Adjust air to 45 lbs. at the gun.
5. Application: Spray two to three even double coats of DDL-9355.
6. Air Dry Surface: Do not compound.

BODY

Exterior
Organosol
Black
Paint

R. H. KLINE
Manager - Service
DODGE DIVISION

MODELS:
Charger
and
Coronet

P-55-C

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Dodge



Dart/Coronet/Polaris/Monaco/Charger



CAR DODGE PRODUCT INFORMATION BULLETIN

BULLETIN #11A



MARCH 5, 1970

TO ALL DODGE DEALERS

SUBJECT: 1970 CHALLENGER T/A

ATTACHED ARE THE CONFIDENTIAL PRICE BULLETINS FOR THE ABOVE SUBJECT UNIT.

ALSO, LISTED BELOW IS ADDITIONAL INFORMATION WHICH SUPPLEMENTS THE ORIGINAL PRODUCT INFORMATION BULLETIN #11, DATED FEBRUARY 12, 1970:

ENGINE - IN ADDITION TO THE SPECIALLY MODIFIED BLOCK, SPECIAL CYLINDER HEADS AND MODIFIED VALVE TRAIN, THIS ENGINE WILL ALSO FEATURE AN ALUMINUM INTAKE MANIFOLD.

HOOD - THE NEW FIBERGLASS HOOD AND FRESH AIR PACKAGE IS NOW STANDARD AND SHOULD NOT BE CODED. THE STEEL POWER BULGE HOOD WILL NOT BE AVAILABLE

REAR AXLE - THE 3.55 RATIO, CODE D56 IS STANDARD AND THE 3.91 RATIO, CODE D57 IS OPTIONAL BUT THE AXLE CODE MUST BE INSERTED AND CHECKED ON THE ORDER.

STRIPE - THE SPECIAL BLACK SIDE T/A TAPE STRIPE, CODE 6H, IS STANDARD BUT MUST BE CODED.

RACING MIRROR - IF A MATCHING RIGHT PAINTED MIRROR IS DESIRED, INSERT AND CHECK CODE G36.

TRANSMISSION - EITHER THE FOUR-SPEED MANUAL OR TORQUEFLITE TRANSMISSION ARE REQUIRED WITH THIS PACKAGE AT EXTRA COST.

PLEASE RETAIN THIS BULLETIN IN THE "PRODUCT INFORMATION BULLETIN" SECTION OF THE DEALER DISTRIBUTION MANUAL.

pass it around!

☐ General Manager

☐ Sales Manager

☐ Service Manager

☐ New Car Salesmen

☐ Service Personnel

TO ALL DODGE DEALERS OF CHRYSLER CANADA LTD.

LIMITED PRODUCTION 1970 "CHALLENGER T/A"

Trans-Am sports car racing is the fastest growing segment of automobile racing today. In keeping with this overwhelming public interest, the Dodge Division will field a factory sponsored Trans-Am racing team for the 1970 season. Youthful racing star Sam Posey will campaign a Dodge Challenger in the Sports Car Club of America's Trans-Am Series (SCCA).

The "Challenger T/A's" street version incorporates the following chassis and engine components as standard equipment:

<u>ENGINE</u>	Special 340 6-BBL. with modified block, special cylinder heads, and modified valve train.
<u>REAR AXLE</u>	3.55 ratio 8-3/4 axle with Sure-Grip.
<u>TRANSMISSION</u>	Special 4 Speed Manual with close ratio gears, or Torqueflite Automatic.
<u>EXHAUST SYSTEM</u>	Special low restriction dual exhaust system located ahead of the rear axle. Trumpet type exhaust outlets are to be mounted under the body side sills just ahead of the rear wheels.
<u>BRAKES</u>	Power disc brakes front and 11" diameter rear drum brakes with brake components selected for optimum braking.
<u>SUSPENSION</u>	Rallye suspension with front and rear sway bars and heavy duty shock absorbers.
<u>STEERING</u>	24:1 ratio manual.
<u>TIRES</u>	Raised white letters E60 x 15 front and G60 x 15 rear with a collapsible spare tire.
<u>WHEELS</u>	15 x 7 black painted steel wheels with hub caps and chrome trim rings.

To further augment its distinctive appearance, the "Challenger T/A" offers the following body features as standard equipment:

<u>HOOD</u>	Black fiberglass performance hood with carburetor air intake scoop. Two front hood pins will be installed.
<u>BODY CONFIGURATIONS</u>	A unique black tape treatment will extend along the upper portion of the front fenders and doors. It will terminate at the quarter panel and will feature a "340 Six-Pack" callout. A rear mounted antenna is supplied when a radio is ordered. A black painted grille (same as R/T), a new "duck tail" type rear spoiler, a left coloured remote control racing mirror and a pop opening locking type fuel filler cap are additional standard appearance items.

PRICE & ORDER INFORMATION BULLETIN

BULLETIN # D-3A

March 9, 1970

TO ALL DODGE DEALERS OF CHRYSLER CANADA LTD.

FURTHER TO BULLETIN #D-3 - LIMITED PRODUCTION 1970 "CHALLENGER T/A"

Since the publication of Bulletin #D-3, the Dodge Division has made the following pertinent option offering changes to the "Challenger T/A":

- Rallye Wheels (Code W21) are optional
- 3.91 Sure-Grip 8-3/4" Rear Axle with 11" Rear Brakes (Code D57) is optional

The following prices have been established for the 1970 "Challenger T/A":

<u>Description</u>	<u>Code</u>	<u>Total</u>	<u>Retail</u>
<u>Base Vehicle</u>			
Challenger 8 Cyl. 2 Dr. Hardtop	JH23	\$3500.00	
Trans-Am Package (M/H Sure-Grip (D91); M/H 4 Speed Manual (D21) or Torqueflite (D34) Transmission)	A53	1021.00	
<u>Mandatory Options</u>			
Sure-Grip Differential	D91	50.25	39.20
4 Speed Manual Transmission	D21	229.95	188.00
or			
Torqueflite Transmission	D34	267.15	218.40

Sales Distribution Department

SALES DIVISION



CHRYSLER
CANADA LTD

Also available on the "Challenger T/A" are the following special options:

- Quick ratio power steering (Sales Code S74)
- "Chin Whisker" front spoiler (Sales Code J78)
- Quick ratio manual steering (Dealer installed)
- Four wheel disc brakes (dealer installed)

The following options will NOT be available with the "Challenger T/A":

CODE

ITEM

H51	Air Conditioning
B11	Heavy Duty Drum Brakes
B41	Disc Brakes
M91	Luggage Rack
A45	Front and Rear Spoiler Packages
J81	Rear Spoiler
A35	Trailer Tow
T86, T87, U82	Tires
A05	Protection Group
A03	Exterior Decor Group
V6, V7, V9	Body Tape and Bumble Bee Stripes
W11, W13, W15	Wheel Covers
W21, W23	Road Wheels
W08	Conventional Spare
A04	Basic Group
D13	3 Speed Manual Transmission
S15	Extra Heavy Duty Suspension
N88	Automatic Speed Control
A31, A36	Axle Packages
V50	Vinyl Side Protection Moulding
A56	Challenger 340 Package

ORDERING INFORMATION

To order your "Challenger T/A" specify the JH23 model code and sales code A53 (Trans-Am Package). Print the name "Trans-Am" in large block letters at the top of the order form.

PRICE & ORDER INFORMATION BULLETIN

BULLETIN # D3-B

March 17, 1970

TO ALL DODGE DEALERS OF CHRYSLER CANADA LTD.

"CHALLENGER T/A"

Further to Bulletin D3-A, the following optional equipment prices will apply when ordered with the Trans-Am Package (Code A53).

<u>Description</u>	<u>Code</u>	<u>Total Retail</u>
Backlite Louvre Package	A44	86.85
Mirrors - Outside Left Remote	636	11.20
- Outside Right Manual		
Racing Style - Painted		
Quick Ratio Power Steering	S74	109.00
Rallye Road Wheels	W21	23.10

Also Bulletin #D-3 indicated that Sure-Grip Differential (Code D91) and Four Speed Manual Transmission (Code D21) or Torqueflite Automatic (Code D34) were standard equipment. Please note that Bulletin #D3-A indicates that these items are mandatory extra cost options.

Sales Distribution Department

SALES DIVISION



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ORDERING INFORMATION - (CONT'D)

Additionally, you MUST CODE the following items which are standard equipment on the "Challenger T/A":

BODY MODEL	- JH23
ENGINE	- E55
TRANSMISSION	- Either Torqueflite - D34 or 4 Speed Manual - D21
TIRES	- U01
T/A PACKAGE	- A53 *
6 PACK CARBURETOR	- F08 *
COLLAPSIBLE SPARE	- W34
SURE-GRIP DIFFERENTIAL	- D91
FIBERGLASS FRESH AIR HOOD	- N94 *

* Insert these codes in the "Other Options" section of the Order Form.

Any released Challenger trim or exterior colour is available and no other engines, transmissions or tires will be available on the "Challenger T/A".

WARRANTY:

Warranty coverage on the "Challenger T/A" is identical to that of all other North American Chrysler built passenger cars.

PRICE INFORMATION:

At this time neither suggested retail nor dealer factory wholesale prices are available for publication. A supplement to this bulletin, with price data, will follow at the earliest possible date.

The "Challenger T/A" is certain to attract great interest among performance buyers, seeking the ultimate in a performance oriented vehicle. An extremely limited number of vehicles will be available for sale in Canada. Production of these vehicles commences in early March and must be completed by April 17, 1970 in order to comply with SCCA qualification rules. If you plan to order, do it now!

Sales Distribution Department

BULLETIN NO. FJ-DD
SUPPLEMENT NO. 2
DATE MARCH 5, 1970

TO ALL DODGE DIRECT DEALERS:

SUBJECT: SUPPLEMENT TO CONFIDENTIAL PRICE BULLETIN NO. FJ-DD.

CHALLENGER T/A PACKAGE - CODE A53

Code Available Only With Challenger 2-Door Hardtop (JH23)

A53 Challenger T/A

E55	340 CID Engine (MUST BE CODED)	-	15"x7" Steel Wheels W/Hub Caps and Chrome Trim Rings
F08	6 Pack (MUST BE CODED)	D56	3.55 Axle Ratio (MUST BE CODED)
B41	Disc Brakes		or
B51	Power Brakes	D57	3.91 Axle Ratio (MUST BE CODED)
S13	Heavy Duty Suspension	N94	Fiberglass Hood and Fresh Air Package
S25	Heavy Duty Shock Absorbers	-	"Ducktail" Rear Spoiler
U01	E60 x 15 Front and G60 x 15 Rear - Raised White Letter Tires (MUST BE CODED)	G34	Left Outside Remote Control Mirror
W34	Collapsible Spare Tire	J46	Gas Cap - Locking Flip-Top
		6H	Black Side T/A Tape Stripe (MUST BE CODED)

CODE

A51 PACKAGE CHARGES

FACTORY
WHOLESALE
PRICE

E.H.&O

FACTORY
WHOLESALE
PRICE AND
E.H.&O.

FACTORY
RETAIL
PRICE

MANUFACTURER
SUGGESTED
RETAIL PRICE

623.75

44.95

668.70

820.75

865.70

The following Charges Apply For Items Of Equipment
Required With Package A53:

D91 Differential - Sure Grip
 D21 Transmission - 4 Speed Manual
 or
 D34 Torqueflite

30.45

2.25

32.70

40.10

42.35

147.30

10.70

158.00

184.15

194.85

171.70

12.40

184.10

214.65

227.05

The following Charges Will Apply For the Options
Listed When Ordered With Package A53:

A44 Rear Window Louver Package
 G36 Mirror - Racing - Right Manual
 W21 Rallye Type Road Wheels
 S74 Power Steering - Fast Ratio
 J78 Front Spoiler

54.75

4.00

58.75

72.05

76.05

7.85

.60

8.45

10.35

10.95

15.75

1.20

16.95

20.75

21.95

68.30

4.95

73.25

85.40

90.35

15.00

1.20

16.20

19.75

20.95

* Includes Factory Retail Price, Excise, Handling and Other Charges.

The following "Challenger" Options Are Not Available
With Package A53:

A66 340 CID 4 BBL. Engine Package
 A45 Spoiler Package
 A04 Radio Group
 A05 Protection Group
 A63 Moulding Group "A"
 A35 Trailer Towing
 A36 & A31 Axle Packages
 H51 Air Conditioning
 E11 Heavy Duty Drum Brakes
 - No Optional Engines
 - No Optional Vinyl Body Side Mouldings
 - No Optional Paint Stripes or Tape Stripes

68 Delete Stripe
 M91 Rack - Luggage
 N88 Speed Control Automatic
 J81 Spoiler Rear
 S15 Extra H.D. Suspension
 D13 3-Speed Manual Transmission
 W11, W13, W15 Wheel Covers
 W23 Road Wheels
 - No Optional Tires

PRICE & ORDER INFORMATION BULLETIN

Challenger T/A



SALES DIVISION



CHRYSLER
CANADA LTD.

Technical Service Bulletin

Of Interest ☐ General Manager ☐ Sales Manager ☐ Service Manager ☐ Parts Manager ☐ Service Technicians



This bulletin supplements the 1970 Dart Challenger Service Manual P/N 81-270-0260.

The Challenger T/A car will be released as a JH23J model only. The peculiarities of this model are outlined on the following pages.



May 20, 1970

No. D70-25-2

MISCELLANEOUS

Specifications
and Service
Information

MODELS: 1970
Challenger
T/A

(Over)

P-1326-C

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CHALLENGER / CHARGER / CORONET / DART / MONACO / POLARA

GROUP 1 - ACCESSORIES

The accessories and service procedures for the "T/A" are the same as outlined in the Service Manual. Cars equipped with a fiberglass hood P/N 3443685 will have the radio antenna mounted on the right rear quarter. The antenna cable will be routed down the right side sill and spot taped in place.

GROUP 3 - REAR AXLE

The standard rear axle in the "T/A" cars is an 8-3/4" with a 3:55 to 1 ratio. Service procedures and specifications are the same as outlined in the Service Manual.

GROUP 5 - BRAKES

The standard brakes on the "T/A" are power disc brakes in front and 11" diameter drum in the rear. There are no optional brake systems available. Service procedures and specifications are the same as outlined in the Service Manual.

GROUP 9 - ENGINE

The "T/A" Challenger is available only with the 340 C.I.D. engine. This engine has been specially modified in the following areas.

- Cylinder Block - Stress relieved - Additional material added in main bearing area to allow use of four bolt main bearing caps
- Cylinder Heads - Specially machined
- Push Rods - Longer - Special ends for rocker arm adjusting screws
- Rocker Arms - Special offset - Cast iron adjusting screws pre-set to adjust - See hemi package
- Tappets - Hydraulic with H.D. snap rings
- Rocker Shafts - Additional lube spreader grooves
- Intake Manifold - Aluminum - 3-2 Bbl. carburetor

340 ENGINE SPECIFICATIONS

OVERSIZE AND UNDERSIZE ENGINE COMPONENT MARKINGS

Displacement	Condition	Identification	Location of Identification
340 cu. in.	.001" U/S Crankshaft	R or M M-2-3 etc. (indicating No. 2 & 3 main bearing journal) and/or R-1-4 etc. (indicating No. 1 & 4 connecting rod journal)	Milled flat on number eight crankshaft counterweight
	.010" U/S Crankshaft	RX or MX MX (indicates .010" U/S all main journals) and/or RX (indicating .010" U/S all rod journals)	Milled flat on number eight crankshaft counterweight
	.020" O/S Cylinder Bores	A	Following engine serial number
	.008" O/S Tappets	†	3/8" diamond shaped stamp—Top pad—Front of engine and flat ground on outside surface of each O/S tappet bore.
	.005" O/S Valve Stems	X	Milled pad adjacent to two 3/8" tapped holes on end of cylinder head.

ENGINE	"340"
Type	90°V
Number of Cylinders	8
Bore	4.040"
Stroke	3.31"
Piston Displacement	340 cu. in.
Compression Ratio	10.5 to 1
Minimum Compression Pressure with Engine Warm, Spark Plugs Removed, Wide-Open Throttle	110 psi
Maximum Variation Between Cylinders (any one engine)	40 psi
Firing Order	1-8-4-3-6-5-7-2
Basic Timing	2½°BTC ± 2½°
CYLINDER NUMBERING (front to rear)	
Left Bank	1-3-5-7
Right Bank	2-4-6-8
CYLINDER BLOCK	
Cylinder Bore (standard)	4.040" - 4.0420"
Cylinder Bore Out-of-Round (Max. allowable before reconditioning)	.005"
Cylinder Bore Taper (Max. allowable before reconditioning)	.010"
Reconditioning Working Limits (for taper and out-of-round)	.001"
Maximum Allowable Oversize (cylinder bore)	.040"
Tappet Bore Diameter	.9050" - .9058"
Distributor Lower Drive Shaft Bushings (press fit in block)	.0005" - .0040"
Ream to	.4865" - .4880"

"340"

Shaft to Bushing Clearance	.0007"-.0027"
PISTONS	
Type Material	Autothermic Alloy Tin Coated
Land Clearance (diametral)	.019"-.027"
Clearance at Top of Skirt	.0005"-.0015"
Weight (Std. through .040" oversize)	719 gms.
Piston Length (overall)	3.545"
Ring Groove Depth	
No. 1	.210"
No. 2	.210"
No. 3	.193"
Pistons for Service	Std. .005", .020" .040" Oversize
PISTON PINS	
Type	Full Floating
Diameter	.9841"-.9843"
Length	2.990"-3.000"
Clearance in Piston (Light Thumb Push @ 70°F.)	.0000"-.0005"
End Play	.004"-.026"
Clearance in Rod	.0000"-.0005"
Pins for Service	Std. .003", .008" Oversize
PISTON RINGS	
Number of Rings per Piston	3
Compression	2
Oil	1
Oil Ring Type	3-piece steel rail chrome-face
Ring Width	
Compression	.0775"-.0780"
Oil-Steel rails	.025"
Ring Gap	
Compression	.010"-.020"
Oil-Steel rails	.015"-.055"
Ring Side Clearance	
Compression	.0015"-.0030"
Oil-Steel rails	.0002"-.005"
Service Rings	
Ring Gap	
Compression	.010"-.020"
Oil-Steel rails	.015"-.062"
Ring Side Clearance	
Compression	.0015"-.004"
Oil-Steel rails	.0002"-.005"
CONNECTING RODS	
Length (Center to Center)	6.123"
Weight (less Bearing shells)	758 gms.
Side Clearance (two rods)	.006"-.014"
Piston Pin Bore Diameter	1.027"-1.032"
CONNECTING ROD BUSHING	
Type	Steel Backed Bronze
CONNECTING ROD BEARINGS (Type)	
Diameter and Width	Tri-Metal Steel Backed 2.126" x .842"
Clearance desired	.0005"-.0020"
Maximum Allowable	.003"
Bearings for Service	Std. .001", .002" .003", .010", .012"
CRANKSHAFT	
Type	Fully Counter-Balanced
Bearings Nos. 1, 2, 3, 4	Steel Backed Aluminum
No. 5	Steel Backed Babbitt

		"340"
Thrust Taken By	No. 3 Main Bearing	
End Play	.002"-.007"	
Maximum Allowable	.010"	
Diametral Clearance Desired	.0005"-.0015"	
Diametral Clearance Allowed	.0025"	
Finish at Rear Oil Seal Surface	Diagonal Knurling	
MAIN BEARING JOURNALS		
Diameter	2.4995"-2.5005"	
Maximum Allowable Out-of-Round and/or Taper	.001"	
Bearings for Service Available in Standard and the following undersizes	.001", .002", .003", .010", .012"	
CONNECTING ROD JOURNALS		
Diameter	2.124"-2.125"	
Maximum Allowable Out-of-Round and/or Taper	.001"	
CAMSHAFT		
Drive	Roller Chain	
Bearings	Steel Backed Babbitt	
Number	5	
Diametrical Clearance	.001"-.003"	
Maximum Allowable before Reconditioning	.005"	
Thrust Taken by	Thrust Plate	
End Play	.002"-.008"	
Maximum Allowable	.010"	
CAMSHAFT JOURNALS		
Diameter	No. 1 1.998"-1.999"	
	No. 2 1.982"-1.983"	
	No. 3 1.967"-1.968"	
	No. 4 1.951"-1.952"	
	No. 5 1.9005"-1.9010"	
CAMSHAFT BEARINGS		
Diameter	No. 1 2.000"-2.001"	
	No. 2 1.984"-1.985"	
	No. 3 1.969"-1.970"	
	No. 4 1.953"-1.954"	
	No. 5 1.9025"-1.9035"	
VALVE TIMING		
Intake Opens (BTC)	22°	
Intake Closes (ABC)	66°	
Exhaust Opens (BBC)	74°	
Exhaust Closes (ATC)	22°	
Valve Overlap	44°	
Intake Valve Duration	268°	
Exhaust Valve Duration	276°	
TIMING CHAIN TYPE		
Number of Links	Double Row Roller	
Pitch	68	
Width	.375"	
	.870"	
TAPPETS		
Type	Hydraulic	
Body Diameter	.9035"-.9040"	
Clearance in Block	.0010"-.0023"	
Service Tappets Available	Std., .001", .008", .030"	
CYLINDER HEAD		
Valve Seat Run-Out (Maximum)	.002"	
Intake Valve Seat Angle	45°	
Seat Width (finish)	.060"-.085"	
Exhaust Valve Seat Angle	45°	
Seat Width (finish)	.040"-.060"	
Cylinder Head Gasket (Thickness compressed)	.030"	
VALVE GUIDES		
Type	Cast in Head	
Guide Bore Diameter	.374"-.375" Std.	

"340"

VALVES—(INTAKE)

Head Diameter	2.02"
Length (to center of valve face)	4.90"
Stem Diameter (Standard)	.3715" - .3725"
Stem to Guide Clearance	.0015" - .0035"
Maximum Allowable	.017"
Face Angle	45°
Valve for Service (Oversize Stem Diam.)	Std., .005", .015", .030"
Lift (Zero Lash)	.429"

VALVES—(EXHAUST)

Head Diameter	1.60"
Length (to center of valve face)	4.90"
Stem Diameter (Standard)	.3705" - .3715"
Stem to Guide Clearance	.0025" - .0045"
Maximum Allowable	.017"
Face Angle	43°
Valve for Service (Oversize Stem Diam.)	Std., .005", .015", .030"
Lift (Zero Lash)	.444"

VALVE SPRINGS

Number	16
Free Length	1.94"
Load when Compressed to (valve closed with surge damper removed)	60-90 lbs. @ 1-11/16"
Load when Compressed to (valve open with surge damper removed)	235-240 lbs. @ 1-7/32"
Valve Springs I.D.	1.070" - 1.090"
Maximum Allowable Out of Plumb	.080"
Valve Spring Installed Height (spring seat to retainer)	1-5/8" - 1-11/16"
Using 1/16" Spacer to Reduce Spring Height When Over Specifications	

ENGINE LUBRICATION

Pump Type	Rotary Full Pressure
Capacity (qts.)	4 U.S. or 3-1/4 Imperial **
Pump Drive	Camshaft
Minimum Pump Pressure @ 500 R.P.M.	20 PSI
Operating Pressure at 1000 R.P.M.	45-55 lbs.
Pressure Drop Resulting from Clogged Filter	7-9 lbs.
Oil Filter Type	Full Flow

*With tools C-3973 & C-3339 using wobble method.

**When Filter Element is Replaced, Add 1 U.S. Quart or 3/4 Imperial Quart.

OIL PUMP—INSPECTION LIMITS FOR REPLACEMENT

340
Cu. In. Engines

Oil Pump Cover	.0015 inch or more
Outer Rotor Length	.825 inch or less
Outer Rotor Diameter	2.469 inch or less
Inner Rotor Length	.825 inch or less
Clearance Over Rotors—Outer	.004 inch or more
Inner	.004 inch or more
Outer Rotor Clearance	.014 inch or more
Tip Clearance Between Rotors	.010 inch or more

Group 11 - EXHAUST

The "T/A" exhaust system consists of special low restriction two pass mufflers P/N 3466913 located forward of the rear axle. Specially designed trumpet type exhaust pipes will mount under the body side sills and exit forward of the rear wheels.

The exhaust outlet pipes, brackets, hangers and installation instructions will be shipped in the luggage compartment for installation by the dealer.

NOTE: DO NOT USE FRAME CONTACT HOIST TO RAISE A "T/A" VEHICLE.

GROUP 14 - FUEL

The 340 C.I.D. "T/A" engine is equipped with three (3) two (2) barrel Holley carburetors Model 2300. The throttle linkage adjustments and specifications are the same as outlined in the Service Manual for the 440 six-pack.

The carburetor specifications are as follows:

MODEL 2300 (3 x 2) (340 C.I.D.) CHRYSLER SPECIFICATIONS

	<u>CENTER</u>		<u>OUTBOARD</u>	
	<u>Manual</u>	<u>Automatic</u>	<u>Front</u>	<u>Rear</u>
Chrysler No.	3577182	3577183	3577184	3577185
Holley No.	R-4791A	R-4792A	R-4789A	R-4790A
Engine Displacement	340	340	340	340
Throttle Bore	1-1/2"	1-1/2"	1-3/4"	1-3/4"
Main Venturi	1-3/16"	1-3/16"	1-9/16"	1-9/16"
Main Metering Jet				
Standard	62	61	----	----
1 Size Lean	61	60	----	----
2 Size Lean (5,000-10,000 ft.)	60	59	----	----
Adjustments				
Curb Idle Speed	1000 R.P.M.	900 R.P.M.	----	----
Fast Idle Speed				
(2nd Highest Fast Idle Cam Step)	2300 R.P.M.	2300 R.P.M.	----	----
Bowl Vent Valve At Idle	.005/.025	.005/.025	----	----
Unloader Adjustment				
(Wide Open Throttle)	5/32"	5/32"	----	----
Vacuum Kick Adjustment	#28(.140")	#39(.099")	----	----
Fast Idle Cam Position	#53(.059")	#53(.059")	----	----
Float Setting Dry	With fuel bowl inverted adjust float to center of bowl.			
Fuel Level Wet				
@6 P.S.I. Fuel Pressure	9/16"	9/16"	3/4"	3/4"
	Adjust to bottom of sight plug hole 1/32"			

	<u>CENTER</u>		<u>OUTBOARD</u>	
	<u>Manual</u>	<u>Automatic</u>	<u>Front</u>	<u>Rear</u>
Acceleration Pump				
Cam Position (Hole)	#1	#1	----	----
Override Adjustment	With throttle held in the wide open position and pump lever completely depressed adjust to .015 clearance between pump lever and override screw. There should be no loose movement of the pump operating lever at idle position.		----	----
Power Valve	-65	-65	----	----
Choke				
Type	Well	Well	----	----
Control	Coil Spring	Coil Spring	----	----
Setting	On Index	On Index	----	----

GROUP 17 - SPRING AND SHOCK ABSORBERS

Service procedures for rear springs and shock absorbers remain the same as those published in the Service Manual. Rallye suspension with front and rear sway bar and heavy duty shocks are standard equipment. The rear spring camber has been increased to provide ground clearance for the special side outlet exhaust and G-60-15 rear tires.

GROUP 22 - WHEELS - BEARINGS - TIRES

Service procedures for wheels, bearings and tires are the same as published in the Service Manual. E-60-15 raised white letter tires are standard equipment on the front wheels. G-60-15 raised white letter tires are standard on the rear. All road wheels are 15 x 7"; collapsible spare tire is standard equipment.



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