

PRODUCTION CAR SPECIFICATIONS

1981 EDITION



C - H Production

(Alfa - MG)

**Sports Car Club of America, Inc.
6750 South Emporia Street
P.O. Box 3278
Englewood, Colorado 80155**

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Printed in the United States of America

FOREWORD

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PRODUCTION CAR SPECIFICATIONS

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Official weight listed are *absolute minimums* (minus 5% included).

Official track dimensions are *absolute maximum* (2" allowed plus 3% included).

Official rim widths are *absolute maximum* (1.5" allowed included).

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#New Car

*Class Change

Manufacturer: Alfa Romeo
Model: Giulietta Super Sprint and Spider

Class: F

ENGINE

Manufacturer Alfa Romeo
Type DOHC 4 cyl inline
Bore x stroke 2.91" x 2.95"
Capacity 1290 cc.
Head material Alum.
Block material Alum.
Valve head dia:
 Intake 1.46"
 Exhaust 1.34"
 Induction system Two Weber 40 DCO or DCOE

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8"

Gearbox

No. speeds forward: 4 or 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.30	2.54	2.76	2.33		
2.	1.99	1.70	1.78	1.58		
3.	1.35	1.26	1.30	1.21		
4.	1.00	1.00	1.00	1.00		
5.	0.79	0.85	0.82	0.88		

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 4.10, 4.55, 4.78, 5.12, 5.38, 5.86, 3.9, 4.30, 6.14, 6.8, 3.73

CHASSIS

Wheelbase Sprint — 93.7" Spider — 88.6" or 86.6"
Track dimension, Front 54.5"
Track dimension, Rear 53.5"
Wheel diameter 15" or 14"
Rim width 6"

BRAKES

	Standard	Alternate	Alternate
Front:	10.3" drum	10.6" disc (girling)	10.7" disc
Rear:	10"	10.5" drum	

WEIGHT & CAPACITIES

Official weight:

1632 lbs. — Sprint; 1632 lbs. — Spider

St. fuel tank capy: 21 gal. — Sprint

16 gal. — Spider

ALTERNATE SPECIFICATIONS

21 gal. fuel tank — Spider

MANUFACTURER: Alfa Romeo
Model: Giulietta Sprint Speciale and Zagato

Class: F

ENGINE

Manufacturer Alfa Romeo
Type DOHC 4 cyl. inline
Bore x stroke 2.91" x 2.95"
Capacity 1290 cc
Head material Alum
Block material Alum.
Valve head dia:
 Intake 1.46"
 Exhaust 1.34"
Induction system Two Weber 40 DCO or DCOE

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8"

Gearbox

No. speeds forward: 4 or 5

Ratios:

	Std.	Alt.	At.	Alt.	Alt.	Alt.
1.	3.26	2.54	3.26	2.76	2.33	
2.	1.99	1.70	1.96	1.78	1.58	
3.	1.36	1.26	1.36	1.30	1.21	
4.	1.00	1.00	1.00	1.00	1.00	
5.	0.85	0.85		0.82	0.88	

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.73, 4.10, 4.55, 4.78, 5.12, 5.38, 5.86, 3.90, 4.30, 6.14, 6.8

CHASSIS

Wheelbase 88.6"
Track dimension, Front 54.5"
Track dimension, REAR 53.5"
Wheel diameter 15" or 14"
Rim width 6"

BRAKES

	Standard	Alternate	Alternate
Front:	10.3" drum	10.6" disc (girling)	10.7" disc
Rear:	10" drum	10.5" drum	

WEIGHT & CAPACITIES

Official weight:

1603 lbs. — Zagato; 1972 lbs. — Speciale

Std. fuel tank capy: 26.4 gal.

ALTERNATE SPECIFICATIONS

Manufacturer: Alfa Romeo
Model: Giulietta Sprint and Spider

Class: G

ENGINE

Manufacturer Alfa Romeo
Type DOHC 4 cyl. inline
Bore x stroke 2.91" x 2.95"
Capacity 1290 cc
Head material Alum.
Block material Alum.
Valve head dia:
Intake 1.46"
Exhaust 1.34"
Induction system One Solex 35 APAIG or one 36 DCD Weber

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8"

Gearbox

No. speeds forward: 4 or 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.30	2.54	2.76	2.33		
2.	1.99	1.70	1.78	1.58		
3.	1.35	1.26	1.30	1.21		
4.	1.00	1.00	1.00	1.00		
5.	0.79	0.85	0.82	0.88		

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 4.10, 4.55, 4.78, 5.12, 5.38, 5.86, 3.73, 3.90, 4.30, 6.14, 6.8

CHASSIS

Wheelbase Sprint 93.7"; Spider 86.6" or 88.6"
Track dimension, Front 54.5"
Track dimension, Rear 53.5"
Wheel diameter 15" or 14"
Rim width 6"

BRAKES

	Standard	Alternate	Alternate
Front:	10.3" drum	10.6" disc (girling)	10.7" disc
Rear	10" drum	10.5" drum	

WEIGHT & CAPACITIES

Official weight: 1679 lbs. — Sprint; 1679 lbs. — Spider
St. fuel tank capy: 16 gal. — Sprint
14 gal. — Spider

ALTERNATE SPECIFICATIONS

21 gal. fuel tank

Manufacturer: Alfa Romeo
 Model: Spider 1300 Junior

Class: G

ENGINE

Manufacturer Alfa Romeo
 Type DOHC 4 cyl. inline
 Bore x stroke 2.91 x 2.95
 Capacity 1290 cc
 Head material Alloy
 Block material Alloy
 Valve head dia:
 Intake 1.46
 Exhaust 1.34
 Induction system Two Weber 40 DCOE 28

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 7.87
 Gearbox
 No. speeds forward: 4 or 5
 Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.30	2.54	2.76	2.33	2.33	
2.	1.99	1.70	1.78	1.58	1.58	
3.	1.35	1.26	1.30	1.28	1.28	
4.	1.00	1.00	1.00	1.00	1.00	
5.	0.79	0.86	0.88		0.88	

Overdrive
 Make & Model: None
 Ratio

Final Drive Ratios: 4.1, 4.56, 4.78, 5.12, 5.37, 5.86, 6.14, 3.73,
 3.9, 4.30, 6.8

CHASSIS

Wheelbase 88.6"
 Track dimension, Front..... 55.7"
 Track dimension, Rear 53.6"
 Wheel diameter 15"
 Rim width 6"

BRAKES

	Standard	Alternate	Alternate
Front:	10.5" disc		
Rear:	10.5" disc		

WEIGHT & CAPACITIES

Official weight: 1930 lbs. Std. fuel tank capy: 12.2 gal.
 Alt: 15.8 gal., 21.1 gal.

ALTERNATE SPECIFICATIONS

14 in. wheels, width 6.0 in.

Manufacturer: Alfa Romeo
Model: Junior Z

Class: G

ENGINE

Manufacturer Alfa Romeo
Type DOHC 4 cyl. inline
Bore x stroke 2.91" x 2.95"
Capacity 1290 cc
Head material Alum.
Block material Alum.
Valve head dia:
 Intake 1.457"
 Exhaust 1.339"
Induction system Two type H Weber DCOE 28 40 mm or 40 mm
Dell Orto DHLA 40

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter:

Gearbox

No. speeds forward: 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.30	2.33	2.54	3.30	2.54	
2.	1.99	1.58	1.70	1.99	1.70	
3.	1.35	1.21	1.26	1.35	1.26	
4.	1.00	1.00	1.00	1.00	1.00	
5.	0.86	0.88	0.79	0.79	0.86	

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 4.1, 4.56, 4.78, 5.12, 5.37, 5.86, 6.14, 3.73, 3.9, 4.30, 6.8

CHASSIS

Wheelbase 88.6"
Track dimension, Front 55.7"
Track dimension, Rear 53.6"
Wheel diameter 14"
Rim width 7"

BRAKES

	Standard	Alternate	Alternate
Front:	10.52" disc	9.85" disc	
Rear:	10.52" disc		

WEIGHT & CAPACITIES

Official weight: 1928 lbs. Std. fuel tank capy: 12 gal.
Alt: 23.7 gal., 30.3 gal.

ALTERNATE SPECIFICATIONS

Manufacturer: Alfa Romeo
Model: Giulia TZ

Class: C

ENGINE

Manufacturer Alfa Romeo
Type DOHC 4 cyl. inline
Bore x stroke 3.07" x 3.23"
Capacity 1570 cc
Head material Alum.
Block material Alum.
Valve head dia:
 Intake 1.62"
 Exhaust 1.46"
Induction system Two Weber 45 DCOE

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8"

Gearbox

No. speeds forward: 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.26	2.54	2.76	3.30		
2.	1.99	1.70	1.78	1.99		
3.	1.36	1.26	1.30	1.35		
4.	1.00	1.00	1.00	1.00		
5.	0.79	0.85	0.82	0.79		

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.72, 3.91, 4.10, 4.55, 4.78, 5.12, 5.38, 5.86, 4.30, 6.14, 6.8

CHASSIS

Wheelbase 86.6"
Track dimension, Front 54.7"
Track dimension, Rear 54.7"
Wheel diameter 15" or 14"
Rim width 6"

BRAKES

	Standard	Alternate	Alternate
Front:	11.2" disc		
Rear:	11.5" disc		

WEIGHT & CAPACITIES

Official weight: 1295 lbs. Std. fuel tank capy: 27 gal.

ALTERNATE SPECIFICATIONS

Manufacturer: Alfa Romeo
Model: Giulia Spider Veloce

Class: E

ENGINE

Manufacturer Alfa Romeo
Type DOHC 4 cyl. inline
Bore x stroke 3.07" x 3.23"
Capacity 1570 cc
Head material Alum.
Block material Alum.
Valve head dia:
 Intake 1.62"
 Exhaust 1.46"
 Induction system Two Weber 40 DCOE

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8"

Gearbox

No. speeds forward: 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.30	2.54	2.76	2.33		
2.	1.99	1.70	1.78	1.58		
3.	1.35	1.26	1.30	1.21		
4.	1.00	1.00	1.00	1.00		
5.	0.79	0.85	0.82	0.88		

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.73, 4.10, 4.56, 4.78, 5.12, 5.38, 5.86, 3.90, 4.30, 6.14, 6.8

CHASSIS

Wheelbase 88.6" or 86.6"
Track dimension, Front 54.5"
Track dimension, Rear 53.5"
Wheel diameter 14" or 15"
Rim width 6"

BRAKES

	Standard	Alternate	Alternate
Front:	10.6" disc		
Rear:	10.5" drum		

WEIGHT & CAPACITIES

Official weight: 1748 lbs. Std. fuel tank capy: 15 gal.
Alt: 21 gal.

ALTERNATE SPECIFICATIONS

Manufacturer: Alfa Romeo
 Model: Giulia Sprint GT and GTC

Class: E

ENGINE

Manufacturer Alfa Romeo
 Type DOHC 4 cyl. inline
 Bore x stroke 3.07" x 3.23"
 Capacity 1570 cc
 Head material Alum.
 Block material Alum.
 Valve head dia:
 Intake 1.62"
 Exhaust 1.46"
 Induction system Two Weber 40 DCOE or two Solex PHH 40/2

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8"

Gearbox

No. speeds forward: 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.30	2.54	2.76	2.33		
2.	1.99	1.70	1.78	1.58		
3.	1.36	1.26	1.30	1.21		
4.	1.00	1.00	1.00	1.00		
5.	0.79	0.85	0.82	0.88		

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.73, 3.91, 4.10, 4.55, 4.78, 5.12, 5.38, 5.86, 4.30, 6.14, 6.8

CHASSIS

Wheelbase 93.7"
 Track dimension, Front 55.2"
 Track dimension, Rear 53.5"
 Wheel diameter 14" or 15"
 Rim width 6"

BRAKES

	Standard	Alternate	Alternate
Front:	11.3" disc		
Rear:	9.7" disc		

WEIGHT & CAPACITIES

Official weight: Std. fuel tank capy: 12 gal.
 1871 lbs. — coupe; 1909 lbs. — conv. Alt: 21 gal.

ALTERNATE SPECIFICATIONS

Manufacturer: Alfa Romeo
Model: Giulia Sprint and Spider

Class: F

ENGINE

Manufacturer Alfa Romeo
Type DOHC 4 cyl. inline
Bore x stroke 3.07" x 3.23"
Capacity 1570 cc
Head material Alum.
Block material Alum.
Valve head dia:
 Intake 1.62"
 Exhaust 1.46"
Induction system One Solex 32 PAIA or one 36 DCD Weber

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8"

Gearbox

No. speeds forward: 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.30	2.54	2.76	2.33		
2.	1.99	1.70	1.78	1.58		
3.	1.35	1.26	1.30	1.21		
4.	1.00	1.00	1.00	1.00		
5.	0.79	0.85	0.82	0.88		

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.73, 4.10, 4.55, 4.78, 5.12, 5.38, 5.86, 3.90, 4.30, 6.14, 6.8

CHASSIS

Wheelbase 88.6" or 86.6" Spider; 93.7" Sprint
Track dimension, Front 55.2"
Track dimension, Rear 53.5"
Wheel diameter 14" or 15"
Rim width 6"

BRAKES

	Standard	Alternate	Alternate
Front:	10.6" disc	10.5" drum (3 shoe)	
Rear:	10.5" drum		

WEIGHT & CAPACITIES

Official weight: Std. fuel tank capy: 15 gal.
1718 lbs. — Sprint; 1718 lbs. — Spider Alt: 21 gal.

ALTERNATE SPECIFICATIONS

Manufacturer: Alfa Romeo
Model: Spider Duetto, 1750 Spider Veloce thru 1971

Class: E

ENGINE

Manufacturer Alfa Romeo
Type DOHC 4 cyl. inline
Bore x stroke 3.07" x 3.23" or 3.15" x 3.48"
Capacity 1570 cc or 1779 cc
Head material Alloy
Block material Alloy
Valve head dia:
 Intake 1.62"
 Exhaust 1.46"
Induction system Two Weber 40 DCOE 27 or two Weber 40 DCOE 32 or
PI Alfa fuel injection 40 mm or two 45 DCOE Weber

TRANSMISSION

Clutch Diameter: 8" or 8.5"

Gearbox

No. speeds forward: 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.30	2.76	2.54	2.33		
2.	1.99	1.78	1.70	1.58		
3.	1.35	1.30	1.26	1.21		
4.	1.00	1.00	1.00	1.00		
5.	0.79	0.82	0.86	0.88		

Overdrive

Make & Model:

Ratio None

Final Drive Ratios: 3.90, 4.10, 4.55, 4.78, 5.12, 5.86, 6.14, 6.8, 3.73, 4.30

CHASSIS

Wheelbase 88.6"
Track dimension, Front 55.7"
Track dimension, Rear 53.5"
Wheel diameter 14" or 15"
Rim width 7"

BRAKES

	Standard	Alternate	Alternate
Front:	10.4" disc	10.4" disc	10.7" disc
Rear:	9.7" disc	10.4" disc	10.5" disc

WEIGHT & CAPACITIES

Official weight: 1868 lbs. Std. fuel tank capy: 12 gal.
Alt: 15.8, 21.1, 23.8

ALTERNATE SPECIFICATIONS

Alt. carburetor: 2 Zenith 175 CDSE
Niki Lauda Edition Spoiler

Manufacturer: Alfa Romeo S.P.A.
Model: Spider 2000, 2000 Spider Veloce thru 1977

Class: D

ENGINE

Manufacturer Alfa Romeo
Type DOHC 4 cyl. inline
Bore x stroke 84 mm x 88.5 mm
Capacity 1961 cc
Head material Alloy
Block material Alloy
Valve head dia:
 Intake 1.73"
 Exhaust 1.57"
Induction system Two Zenith 175 CDSE or two Solex C40 DDH or two
 DHHLA 40 Dell'Orto or 40 mm Spica fuel injection or two Dell'Orto 48 mm
Alt: (2) 48 mm Weber

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8.5"

Gearbox

No. speeds forward: 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.30	2.99	2.76	2.54	2.33	
2.	1.99	1.76	1.78	1.70	1.58	
3.	1.25	1.30	1.30	1.26	1.21	
4.	1.00	1.00	1.00	1.00	1.00	
5.	0.79	0.87	0.82	0.86	0.88	

Overdrive

Make & Model:

Ratio None

Final Drive Ratios: 3.9, 4.10, 4.30, 4.55, 4.78, 5.12, 5.37, 5.86, 6.14, 6.8, 3.73

CHASSIS

Wheelbase 88.6"
Track dimension, Front 56.26"
Track dimension, Rear 54.2"
Wheel diameter 14"
Rim width 7"

BRAKES

	Standard	Alternate	Alternate
Front:	10.7" disc	10.7" vent. disc	
Rear:	10.5" disc	10.5" vent. disc	

WEIGHT & CAPACITIES

Official weight: 1971 lbs.

Std. fuel tank capy: 12 gal.

Alt: 14 gal.

*Note: Iron sleeves

ALTERNATE SPECIFICATIONS

A1BB4CS75 — Spica injection pump

Alt. front discs: #10580.22.052.32

Alt. rear discs: #10580.22.053.33

Niki Lauda Edition Spoiler

1/1/81

Manufacturer: Alfa Romeo S.P.A.
Model: Alfa Romeo Montreal

Class: C

ENGINE

Manufacturer Alfa Romeo
Type DOHC V-8
Bore x stroke 80 mm x 64.5 mm
Capacity 2593 cc
Head material Alum.
Block material Alloy
Valve head dia:
 Intake 1.46"
 Exhaust 1.28"
Induction system Spica fuel injection — 40 mm

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 9.0"

Gearbox

No. speeds forward: 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	2.99	3.30	2.76	2.54	2.33	
2.	1.76	1.99	1.78	1.70	1.58	
3.	1.30	1.25	1.30	1.26	1.21	
4.	1.00	1.00	1.00	1.00	1.00	
5.	0.87	0.79	0.82	0.86	0.88	

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.73, 4.10, 4.55, 5.13, 5.85, 5.38, 4.78, 3.91

CHASSIS

Wheelbase 92.5"
Track dimension, Front 57.8"
Track dimension, Rear 56.44"
Wheel diameter 14"
Rim width 7.5"

BRAKES

	Standard	Alternate	Alternate
Front:	10.7" disc	See below	
Rear:	11.1" disc		

WEIGHT & CAPACITIES

Official weight: 2299 lbs. Std. fuel tank capy: 63 liters

ALTERNATE SPECIFICATIONS

Discs & Calipers: 10580.22.052.32, 10580.22.053.33

Manufacturer: Alpine
Model: A-110 1100

Class: F

ENGINE

Manufacturer Renault
Type Pushrod 4 cyl. inline
Bore x stroke 2.76" x 2.83"
Capacity 1108 cc
Head material Alum. - Gordini
Block material C.I.
Valve head dia:
 Intake 1.38"
 Exhaust 1.26"
 Induction system One Weber 40 DCO or two Weber 40 DCOE

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 7.1"

Gearbox

No. speeds forward: 4 or 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.7	3.7	3.7	3.62		
2.	2.41	2.67	2.22	2.25		
3.	1.61	2.00	1.54	1.48		
4.	1.28	1.40	1.18	1.03		
5.	1.04	1.25	0.97			

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.89, 4.13, 4.14, 4.38, 4.71

CHASSIS

Wheelbase 82.7"
Track dimension, Front 57.3"
Track dimension, Rear 54.4"
Wheel diameter 13" or 15"
Rim width 6"

BRAKES

Front:

Rear:

Standard

Alternate

Alternate

WEIGHT & CAPACITIES

Official weight: 1192 lbs. Std. fuel tank capy: 8.5 gal.

ALTERNATE SPECIFICATIONS

Aux. fuel tank --- 8.5 gal.

Manufacturer: British Leyland
 Model: Austin Healey Sprite Mk I and Mk II (948)

Class: H

ENGINE

Manufacturer BLMi
 Type OHV 4 cyl. inline
 Bore x stroke 2.48" x 3.00"
 Capacity 948 cc
 Head material C.I.
 Block material C.I.
 Valve head dia:
 Intake 1.10" or 1.16"
 Exhaust 1.00"
 Induction system Two 1.25" SU or two 1.125" SU

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 6.25"

Gearbox

No. of speeds forward: 4

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.20	3.63	2.93	2.57		
2.	1.92	2.37	1.75	1.72		
3.	1.36	1.41	1.24	1.26		
4.	1.00	1.00	1.00	1.00		
5.						

Overdrive

Make & Model: None

Ratios

Final Drive Ratios: 3.73, 3.91, 4.22, 4.55, 4.88, 5.38

CHASSIS

Wheelbase 80"
 Track dimension, Front 49.5"
 Track dimension, Rear 48.2"
 Wheel diameter 13"
 Rim width 5"

BRAKES

Front:

Rear:

Standard

7" drum

7" drum

Alternate

See below

Alternate

WEIGHT & CAPACITIES

Official weight: 1377 lbs. Std. fuel tank capy: 7.5 gal.

Substitute Main Bearing Caps.

ALTERNATE SPECIFICATIONS

8.2" disc brakes, front (track increase to 50.2")

Q2491 Alfin Brake drums Q2336 large fuel tank

Q2353 (ATA 7154) 8" front brakes Mark III transmission case

Alt. rear backing plate and wheel cylinders #'s BTA 566 R/H, BTA 567 L/H, GWC 1102

Battery tray may be removed

Manufacturer: British Leyland
Model: Austin Healey Sprite 1100, AN8 (1100)

Class: G

ENGINE

Manufacturer BLM
Type OHV 4 cyl. inline
Bore x stroke 2.54" x 3.30"
Capacity 1098 cc
Head material C.I.
Block material C.I.
Valve head dia:
 Intake 1.22"
 Exhaust 1.00"
 Induction system Two 1.25" SU

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 7.25"

Gearbox

No. of speeds forward: 4

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.20	3.63	2.93	2.57		
2.	1.92	2.37	1.75	1.72		
3.	1.36	1.41	1.24	1.26		
4.	1.00	1.00	1.00	1.00		
5.						

Overdrive

Make & Model: None

Ratio:

Final Drive Ratios: 3.73, 3.91, 4.22, 4.55, 4.88, 5.125, 5.38

CHASSIS

Wheelbase 80.0"
Track dimension, Front 50.2"
Track dimension, Rear 48.7"
Wheel diameter 13"
Rim width 5.5"

BRAKES

	Standard	Alternate	Alternate
Front:	8.2" disc		
Rear:	7.0" drum		

WEIGHT & CAPACITIES

Official weight: 1392 lbs. Std. fuel tank capy: 7 gal.
7 gal. aux. tank

ALTERNATE SPECIFICATIONS

Battery tray may be removed

Manufacturer: British Leyland
Model: Austin Healey Sprite MK IV (1275)

Class: F

ENGINE

Manufacturer BLMi
Type OHV 4 cyl. inline
Bore x stroke 2.78" x 3.21"
Capacity 1275 cc
Head material C.I.
Block material C.I.
Valve head dia:
 Intake 1.31"
 Exhaust 1.16"
 Induction system Two 1.25" SU or two 1.50" SU

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 6.5"

Gearbox

No. of speeds forward: 4

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.20	3.63	2.93	2.57		
2.	1.92	2.37	1.75	1.72		
3.	1.36	1.41	1.24	1.26		
4.	1.00	1.00	1.00	1.00		
5.						

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 4.22, 4.55, 4.88, 5.13, 5.38, 3.73, 3.91

CHASSIS

Wheelbase 80"
Track dimension, Front 50.2"
Track dimension, Rear 48.7"
Wheel diameter 13"
Rim width 6"

BRAKES

	Standard	Alternate	Alternate
Front:	8.3" disc		
Rear:	7"		

WEIGHT & CAPACITIES

Official weight: 1404 lbs. Std. fuel tank capy: 7.2 gal.

ALTERNATE SPECIFICATIONS

Aux. fuel tank — 7.3 gal.
Alt. intake manifold — NPN 500
Battery tray may be removed

Manufacturer: British Leyland
Model: Austin Healey BN1, BN2 (100-4) (100M)

Class: F

ENGINE

Manufacturer BLM
Type Pushrod 4 cyl. inline
Bore x stroke 3.44" x 4.38"
Capacity 2660 cc
Head material C.I.
Block material C.I.
Valve head dia:
 Intake 1.73"
 Exhaust 1.42"
 Induction system Two 1.5" SU or two 1.75" SU

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 9"

Gearbox

No. of speeds forward: 3 or 4

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	2.25	3.08				
2.	1.47	1.91				
3.	1.00	1.33				
4.		1.00				
5.						

Overdrive

Make & Model: Laycock

Ratio79

Final Drive Ratios: 3.54, 3.67, 3.91, 4.10, 4.12, 4.8

CHASSIS

Wheelbase 90"
Track dimension, Front 53.5"
Track dimension, Rear 55.4"
Wheel diameter 15"
Rim width 7"

BRAKES

	Standard	Alternate	Alternate
Front:	11" drum		
Rear:	11" drum	See below	

WEIGHT & CAPACITIES

Official weight: 2067 lbs. Std. fuel tank capy: 14 gal.
25 gal Alt.

ALTERNATE SPECIFICATIONS

7H1719 Alfin brake drums
H8249 disc brakes
Louvered hood

Manufacturer: British Leyland
Model: Austin Healey BN4, BN6 (100-6)

Class: E

ENGINE

Manufacturer BLMI
Type Pushrod 6 cyl. inline
Bore x stroke 3.13" x 3.55"
Capacity 2639 cc
Head material C.I.
Block material C.I.
Valve head dia:
 Intake 1.69" or 1.75"
 Exhaust 1.42" or 1.56"
 Induction system Two 1.5" or 1.75" SU

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 9"

Gearbox

No. of speeds forward: 4

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.08					
2.	1.91					
3.	1.33					
4.	1.00					
5.						

Overdrive

Make & Model: Laycock

Ratio 0.78

Final Drive Ratios: 3.54, 3.9, 4.1, 4.8

CHASSIS

Wheelbase 92"
Track dimension, Front 53.3"
Track dimension, Rear 54.6"
Wheel diameter 15"
Rim width 7"

BRAKES

	Standard	Alternate	Alternate
Front:	11" drum		
Rear:	11" drum	See below	

WEIGHT & CAPACITIES

Official weight: 2313 lbs. Std. fuel tank capy: 14.5 gal
25.0 gal. Alt.

ALTERNATE SPECIFICATIONS

H8249 disc brakes

Manufacturer: British Leyland
Model: Austin Healey 3000 MK I, II and III

Class: D

ENGINE

Manufacturer BLM
Type Pushrod 6 cyl. inline
Bore x stroke 3.28" x 3.50"
Capacity 2912 cc
Head material C.I.
Block material C.I.
Valve head dia:
 Intake 1.75"
 Exhaust 1.56"
 Induction system Two 1 75" SU or two 2" or three 1.5" SU

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 10.0"

Gearbox

No. of speeds forward: 4

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	2.64	2.42	2.64	2.21	2.93	
2.	2.07	1.72	1.88	1.58	2.05	
3.	1.31	1.20	1.43	1.09	1.31	
4.	1.00	1.00	1.00	1.00	1.00	
5.						

Overdrive

Make & Model: Laycock

Ratio88, .82, .79

Final Drive Ratios: 3.54, 3.91, 4.1, 4.8

CHASSIS

Wheelbase 91.7"
Track dimension, Front 53.5"
Track dimension, Rear 54.5"
Wheel diameter 15"
Rim width 7"

BRAKES

	Standard	Alternate	Alternate
Front:	11.25" disc		
Rear:	11" drum	disc (no. H82462)	

WEIGHT & CAPACITIES

Official weight: 2256 lbs. Std. fuel tank capy: 15 gal.
18, 24, 30 gal.

ALTERNATE SPECIFICATIONS

Manufacturer: Daimler
Model: SP 250

Class: D

ENGINE

Manufacturer Daimler
Type OHV — V8
Bore x stroke 3.00" x 2.75"
Capacity 2548 cc
Head material Alum.
Block material c.i.
Valve head dia:
 Intake 1.50"
 Exhaust 1.44"
 Induction system Two 1.75" SU

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 9"

Gearbox

No. of speeds forward: 4

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	2.93					
2.	1.74					
3.	1.23					
4.	1.00					
5.						

Overdrive

Make & Model: Laycock

Ratio

Final Drive Ratios: 3.58, 4.01, 4.56

CHASSIS

Wheelbase 92"
Track dimension, Front 54.5"
Track dimension, Rear 51.5"
Wheel diameter 15"
Rim width 6"

BRAKES

	Standard	Alternate	Alternate
Front:	10.5" disc		
Rear:	10.0" disc		

WEIGHT & CAPACITIES

Official weight: 1985 lbs. Std. fuel tank capy: 15 gal.

ALTERNATE SPECIFICATIONS

Manufacturer: Nissan
Model: Datsun SPL 310-U

Class: G

ENGINE

Manufacturer Nissan
Type OHV — 4 cyl. inline
Bore x stroke 3.15" x 2.91"
Capacity 1488 cc
Head material C.I.
Block material C.I.
Valve head dia:
 Intake 1.65"
 Exhaust 1.26"
Induction system Two Hitachi HJB-38W

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8"

Gearbox

No. of speeds forward: 4

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.52	3.36	2.45	3.64		
2.	2.14	2.04	1.62	2.21		
3.	1.33	1.27	1.27	1.37		
4.	1.00	1.00	1.00	1.00		
5.						

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.89, 4.11, 4.38, 4.62, 5.13, 4.875, 5.375, 5.855, 6.14, 6.83

CHASSIS

Wheelbase 89.8"
Track dimension, Front 51.5"
Track dimension, Rear 50.7"
Wheel diameter 13"
Rim width 5.5"

BRAKES

	Standard	Alternate	Alternate
Front:	9" drum		
Rear:	9" drum		

WEIGHT & CAPACITIES

Official weight: 1795 lbs. Std. fuel tank capy: 11.3 gal.

ALTERNATE SPECIFICATIONS

Manufacturer: Nissan
 Model: Datsun SPL-311 and SPL-311U

Class: G

ENGINE

Manufacturer Nissan
 Type OHV 4 cyl. inline
 Bore x stroke 3.43" x 2.63"
 Capacity 1595 c
 Head material C.I. or Alum.
 Block material C.I.
 Valve head dia:
 Intake 1.66" or 1.69"
 Exhaust 1.26" or 1.38"
 Induction system Two Hitachi HJB 38W-3 1.5"

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8"

Gearbox

No. speeds forward: 4 or 5

Ratios:

	Std.	*Alt.	Alt.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.38	2.45	3.66	3.28	2.96	2.96	2.68	1.858
2.	2.01	1.62	2.18	1.92	1.86	1.86	1.70	1.383
3.	1.31	1.27	1.42	1.26	1.31	1.31	1.26	1.217
4.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5.						.85	.85	.850

*Uses alt. case #32101-12200

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.89, 4.11, 4.38, 4.62, 5.12, 3.70, 4.875, 5.375, 5.855, 6.12, 6.83

CHASSIS

Wheelbase 89.8"
 Track dimension, Front 53.7"
 Track dimension, Rear 50.7"
 Wheel diameter 14"
 Rim width 6"

BRAKES

	Standard	Alternate	Alternate
Front:	11.2" disc		
Rear:	9" drum		

WEIGHT & CAPACITIES

Official weight: 1976 lbs. Std. fuel tank capy: 11.4 gal.

ALTERNATE SPECIFICATIONS

17201 0311 30 gal. tank
 15.8 gal. tank
 21.6 gal. tank

Manufacturer: Nissan
Model: Datsun SRL 311U

Class: D

ENGINE

Manufacturer Nissan
Type SOHC 4 cyl. inline
Bore x stroke 3.43" x 3.27"
Capacity 1982 cc
Head material Alum.
Block material C.I.
Valve head dia:
 Intake 1.81"
 Exhaust 1.42"
Induction system Two Hitachi (SU) HJG 46w 1.81" sidedraft or two
Mikuni PHH 44 mm

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8"

Gearbox

No. of speeds forward: 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	2.96	2.68	1.86			
2.	1.86	1.70	1.38			
3.	1.31	1.26	1.22			
4.	1.00	1.00	1.00			
5.	0.85	0.85	0.85			

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.7, 3.89, 4.11, 4.38, 4.63, 4.88, 5.13, 5.38, 5.86, 6.14, 6.83

CHASSIS

Wheelbase 89.8"
Track dimension, Front 53.7"
Track dimension, Rear 50.7"
Wheel diameter 14.0"
Rim width 6"

BRAKE

Front:

Standard

11.2" disc

Alternate

11. x 1.035 vented

Alternate

Rear:

9.0" drum

WEIGHT & CAPACITIES

Official weight:

Hitachi—1828 lbs., Mikuni—1900 lbs.

Std. fuel tank capy: 11.3 gal.

Alts: 15.8, 31.6

ALTERNATE SPECIFICATIONS

Front Calipers: 240Z, 260Z, 280Z, 1970-78 with Spacers

Rotor: Origin unrestricted

Manufacturer: Nissan
 Model: Datsun 240Z, 260Z and 280Z thru 1978

Class: C

ENGINE

Manufacturer Nissan
 Type SOHC 6 cyl. inline
 Bore x stroke 83mm x 73.6mm, 83mm x 79mm, 86mm x 79mm
 Capacity 2390 cc, 2565 cc, 2753 cc
 Head material Alum.
 Block material C.I.
 Valve head dia:
 Intake 42mm (1.65") or 44mm (1.7323")
 Exhaust 32.765mm (1.29") or 35.2mm (1.386")
 Induction system 3.44 PHH Mikuni (1.73") or 2 Hitachi HJG 46w
 (1.81") or L-Jetronic fuel injection—50mm
 single inlet.

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8.85"

Gearbox

No. of speeds forward: 4 or 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.55	3.59	2.96	2.68	1.86	2.95	3.32	3.20
2.	2.20	2.25	1.86	1.70	1.38	1.90	2.08	2.20
3.	1.42	1.42	1.31	1.26	1.22	1.31	1.31	1.64
4.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.22
5.			0.85	0.85	0.85	0.86	0.86	1.00

Overdrive

Make & Model: None
 Ratio

Final Drive Ratios: 3.36, 3.70, 3.90, 4.11, 4.38, 4.63, 4.88, 5.14, 5.13, 5.14, 5.38, 3.54, 4.44

CHASSIS

Wheelbase 90.7"
 Track dimension, Front 57.7"
 Track dimension, Rear 57.7"
 Wheel diameter 14"
 Rim width 7"

BRAKE

	Standard	Alternate	Alternate
Front:	11" disc	11" vented disc	11.5" vented disc
Rear:	9" drum	11" vented disc	11.5" vented disc

WEIGHT & CAPACITIES

Official weight: Std. fuel tank capy: 15.9 gal.
 240Z: 1900 lbs., 260Z: 2100 lbs., 280Z: 2200 lbs. 26.4 gal. Alt.

ALTERNATE SPECIFICATIONS

2 or 4 piston disc brake caliper
 Additional ratios: First—2.82, 2.35, 2.19; second—1.97, 1.60; third—1.47, 1.30;
 fourth—1.19, 1.14; fifth—1.0

Hurst-Airheart brakes
 Lockheed brakes:

	Datsun D/N	Lockheed	Rotor Width
Front Caliper			
1.500"	99996-E7008	CP 2271	1.1"
1.625"	99996-E7007	CP 2270	
Rear Caliper			
2.000"	9996-E7107	CP 2382	.78" 1/1/81

Manufacturer: Nissan
 Model: Datsun 280ZX 1979

Class: C

ENGINE

Manufacturer	Nissan	Restricted
Type	SOHC 6 cyl. inline	to 38 mm
Bore x stroke	86mm x 79mm	venturi
Capacity	2753 cc	
Head material	Alum.	
Block material	C.I.	
Valve head dia:		
Intake	44mm (1.7323")	
Exhaust	35.2mm (1.386)	
Induction system.....	3.44 PHH Mikuni (1.73") or 2 Hitachi HJG 46w (1.81") or L-Jetronic fuel injection—50mm single inlet.	

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8.86 or 9.45"

Gearbox

No. of speeds forward: 4 or 5

Ratios:

		Alt.	Alt.	Alt.
1.	Same as 240Z, 260Z & 280Z	3.32	2.91	3.32
2.	Plus additional alternate listed	2.27	1.90	2.08
3.		1.60	1.31	1.31
4.		1.24	1.00	1.00
5.		1.00	0.86	X

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.36, 3.70, 3.90, 4.11, 4.38, 4.63, 4.88, 5.23, 5.38, 3.54, 4.44

CHASSIS

Wheelbase	91.3"
Track dimension, Front.....	58.9"
Track dimension, Rear	58.8"
Wheel diameter	14"
Rim width.....	7"

BRAKES

	Standard	Alternate	Alternate
Front:	9.92"	11.375" vented	
Rear:	10.59"	10.5" vented	

WEIGHT & CAPACITIES

Official weight: 2300 lbs. Std. fuel tank capy: 21.1 gal.

NOTE: Rear spoiler material. Steel, fiberglass, plastic & rubber

ALTERNATE SPECIFICATIONS

2 or 4 piston disc brake caliper

Lockheed brakes:

Front Caliper	Datsun D/N	Lockheed	Rotor Width
1.500"	99996-E7008	CP 2271	1.1"
1.625"	99996-E7007	CP 2270	
Rear Caliper			
2.000"	99996-E7107	CP 2382	.78"

Alternate

Hurst Airheart brakes

Manufacturer: Nissan
 Model: Datsun 280Z 2+2

Class: C

ENGINE

Manufacturer Nissan
 Type SOHC 6 cyl. inline
 Bore x stroke 86mm (3.39") x 79mm (3.31")
 Capacity 2753 cc (168 cu. in.)
 Head material Alum.
 Block material C.I.
 Valve head dia:
 Intake 44mm (1.7323")
 Exhaust 35.2mm (1.386")
 Induction system 3.44 PHH Mikuni (1.73") or 2 Hitachi HJG 46w
 (1.81") or L-Jetronic fuel injection—50mm single inlet.

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8.85"

Gearbox

No. of speeds forward: 4 or 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.55	3.59	2.96	2.68	1.86	2.95	3.32	3.20
2.	2.20	2.25	1.86	1.70	1.38	1.90	2.08	2.20
3.	1.42	1.42	1.31	1.26	1.22	1.31	1.31	1.64
4.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.22
5.			0.85	0.85	0.85	0.86	0.86	1.00

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.36, 3.70, 3.90, 4.11, 4.38, 4.44, 4.63, 4.88, 5.13, 5.14, 5.38

CHASSIS

Wheelbase 102.6"
 Track dimension, Front 57.7"
 Track dimension, Rear 57.7"
 Wheel diameter 14"
 Rim width 7"

BRAKES

	Standard	Alternate	Alternate
Front:	11" disc	11" vented disc	11.5" vented disc
Rear:	9" drum	11" vented disc	11.5" vented disc

WEIGHT & CAPACITIES

Official weight: 2304 lbs. Std. fuel tank capy: 15.9 gal.
 26.4 gal. Alt.

ALTERNATE SPECIFICATIONS 2 Or 4 piston brake caliper

240Z/260Z headlight covers and rear spoiler not permitted

Hurst-Airheart brakes

Lockheed brakes:

Front Caliper	Datsun D/N	Lockheed	Rotor Width
1.500"	9996-E7008	CP 2271	1.1"
1.625"	99996-E7007	CP 2270	
Rear Caliper			
2.000"	9996-E7107	CP 2382	.78"

Manufacturer: Trojan Ltd.
Model: Elva Courier MK I, II, III (1622)

Class: E

ENGINE

Manufacturer BMC
Type OHV 4 cyl. inline
Bore x stroke 3.00" x 3.50"
Capacity 1622 cc
Head material C.I.
Block material C.I.
Valve head dia:
 Intake 1.57"
 Exhaust 1.33"
 Induction system Two 1.5" SU

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8"

Gearbox

No. of speeds forward: 4

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.64	2.44				
2.	2.21	1.62				
3.	1.37	1.27				
4.	1.00	1.00				
5.						

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.73, 3.9, 4.2, 4.55, 4.88

CHASSIS

Wheelbase 90"
Track dimension, Front 53.5"
Track dimension, Rear 54.6"
Wheel diameter 13" or 14"
Rim width 6"

BRAKES

	Standard	Alternate	Alternate
Front:	9" disc	11" disc	
Rear:	9" drum		

WEIGHT & CAPACITIES

Official weight: 1282 lbs. Std. fuel tank capy: 11 gal.

ALTERNATE SPECIFICATIONS

ATB 7224 MGA axle housing assy.

Manufacturer: Trojan Ltd.
Model: Elva Courier MK IV (1622)

Class: E

ENGINE

Manufacturer BMC
Type OHV 4 cyl. inline
Bore x stroke 3.00" x 3.50"
Capacity 1622 cc
Head material C.I.
Block material C.I.
Valve head dia:
 Intake 1.57"
 Exhaust 1.33"
 Induction system Two 1.5" SU

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8"

Gearbox

No. of speeds forward: 4

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.64	2.44				
2.	2.21	1.62				
3.	1.37	1.27				
4.	1.00	1.00				
5.						

Overdrive

 Make & Model: None

 Ratio

Final Drive Ratios: 3.73, 3.9, 4.2, 4.55, 4.88

CHASSIS

Wheelbase 90"
Track dimension, Front 53.6"
Track dimension, Rear 54.6"
Wheel diameter 13" or 14"
Rim width 6"

BRAKES

	Standard	Alternate	Alternate
Front:	9" disc	11" disc	
Rear:	9" drum		

WEIGHT & CAPACITIES

Official weight: 1364 lbs. Std. fuel tank capy: 11 gal.

ALTERNATE SPECIFICATIONS

ATB 7224 MGA axle housing assy.

Manufacturer: Trojan Ltd.
Model: Elva Courier MK III 1800 and MK IV 1800

Class: D

ENGINE

Manufacturer BMC
Type OHV 4. cyl. inline
Bore x stroke 3.16" x 3.50"
Capacity 1798 cc
Head material C.I.
Block material C.I.
Valve head dia:
 Intake 1.57"
 Exhaust 1.35"
 Intake system Two 1.5" SU

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8"

Gearbox

No. of speeds forward: 4

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.64	2.44				
2.	2.21	1.62				
3.	1.37	1.27				
4.	1.00	1.00				
5.						

Overdrive

Make & Model: Laycock

Ratio

Final Drive Ratios: 3.7, 3.9, 4.2, 4.5, 4.9

CHASSIS

Wheelbase 90"
Track dimension, Front 53.6"
Track dimension, Rear 54.6"
Wheel diameter 14" or 13"
Rim width 6"

BRAKES

	Standard	Alternate	Alternate
Front:	9" disc	11" disc	
Rear:	9" drum		

WEIGHT & CAPACITIES

Official weight: 1356 lbs. Std. fuel tank capy: 11 gal.
20 gal., 6.5 gal. Alt.

ALTERNATE SPECIFICATIONS

ATB 7224 MGA rear axle assy.

Manufacturer: Trojan Ltd.
Model: Elva Courier MK IV T Rdstr. and Coupe

Class: D

ENGINE

Manufacturer BMC
Type OHV — 4 cyl. inline
Bore x stroke 3.16" x 3.50"
Capacity 1798 cc
Head material C.I.
Block material C.I.
Valve head dia:
 Intake 1.57"
 Exhaust 1.35"
Induction system Two 1.5" SU

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8"

Gearbox

No. of speeds forward: 4

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.64	2.44				
2.	2.21	1.62				
3.	1.37	1.27				
4.	1.00	1.00				
5.						

Overdrive

Make & Model: Laycock

Ratio

Final Drive Ratios: 3.9, 4.1, 4.5, 3.7, 4.9

CHASSIS

Wheelbase 90"
Track dimension, Front 53.6"
Track dimension, Rear 54.6"
Wheel diameter 14"
Rim width 6"

BRAKES

Front:

Rear:

Standard

11" disc

9" drum

Alternate

Alternate

WEIGHT & CAPACITIES

Official weight:

1436 lbs. — Roadster; 1542 lbs. — Coupe

Std. fuel tank capy: 8 gal.

6.5, 20 gal. Alt.

ALTERNATE SPECIFICATIONS

Manufacturer: Ferrari S.P.A.
Model: 308 GTB

Class: C

ENGINE

Manufacturer Ferrari
Type DOHC V-8
Bore x stroke 81mm x 71mm/3.189" x 2.795"
Capacity 2926 cc/178.48 CID
Head material Aluminum
Block material Aluminum
Valve head dia:
 Intake 1.660"
 Exhaust 1.460"
 Induction system Four Weber 40 DCNF

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter:

Gearbox

No. of speeds forward:

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.58					
2.	2.37					
3.	1.69					
4.	1.24					
5.	0.95					

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.71

CHASSIS

Wheelbase 92.1"
Track dimension, Front 63.9"
Track dimension, Rear 63.9"
Wheel diameter 14.0"
Rim width 7"

BRAKES

Standard

Alternate

Alternate

Front:	10.8" disc	12.0" disc (#600188 193)
Rear:	11.0" disc	12.0" disc (Alternate Pistons 1.75")

WEIGHT & CAPACITIES

Official weight: 2280 lbs. Std. fuel tank capy: 17.6 gal.

ALTERNATE SPECIFICATIONS

Manufacturer: Ferrari S.P.A.
Model: 365 GTB 4 Daytona

Class: C

ENGINE

Manufacturer Ferrari
Type DOHC V-12
Bore x stroke 3.19" x 2.795"
Capacity 267.89 cu. in.
Head material Alloy
Block material Alloy
Valve head dia:
 Intake 1.653"
 Exhaust 1.472"
Induction system Six Weber 40 DCN/21 40 mm Pri. 32 mm Sec.

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 9.5"

Gearbox

No. of speeds forward: 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.08	2.47				
2.	2.12	1.84				
3.	1.57	1.45				
4.	1.25	1.20				
5.	0.96	0.96				

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.30, 4.57, 4.38, 4.25, 4.13, 4.00, 3.88, 3.78, 3.67, 3.44, 3.50

CHASSIS

Wheelbase 94.5"
Track dimension, Front 61.5"
Track dimension, Rear 62.0"
Wheel diameter 15"
Rim width 7"

BRAKES

	Standard	Alternate	Alternate
Front:	11.03" disc		
Rear:	11.69" disc		

WEIGHT & CAPACITIES

Official weight: 2517 lbs. Std. fuel tank capy: 37.7 gal.
49 gal. Alt.

ALTERNATE SPECIFICATIONS

Manufacturer: Fiat
 Model: 124 Sport Spider 1438

Class: G

ENGINE

Manufacturer Fiat
 Type DOHC 4 cyl. inline
 Bore x stroke 3.15" x 2.81"
 Capacity 87.75 cu. in.
 Head material Alloy
 Block material C.I.
 Valve head dia:
 Intake 1.64"
 Exhaust 1.43"
 Induction system One Weber 34 DFH-1; One Weber 34 DMSA-1
 Alt 34 DMS 201

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 7.9"

Gearbox

No. of speeds forward: 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.42	3.24	3.80	3.67	3.47	3.47	2.571	2.571	2.571
2.	2.10	1.99	2.18	2.10	1.99	1.99	1.875	1.714	1.875
3.	1.36	1.29	1.41	1.36	1.39	1.29	1.353	1.353	1.474
4.	1.00	1.00	1.00	1.00	1.25	1.00	1.188	1.188	1.231
5.	0.91	0.86	0.91	0.88	1.00	0.84	1.000	1.000	1.000

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 4.1, 4.3, 4.44, 4.78, 5.38, 6.14

CHASSIS

Wheelbase 89.8"
 Track dimension, Front 56.7"
 Track dimension, Rear 55.4"
 Wheel diameter 13"
 Rim width 6.5"

BRAKES

	Standard	Alternate	Alternate
Front:	8.94" disc	10.0" disc	
Rear:	8.94" disc	10.0" disc	

WEIGHT & CAPACITIES

Official weight: 1775 lbs. Std. fuel tank capy: 11.8 gal.
 11.4 gal.

ALTERNATE SPECIFICATIONS

Alternate Rotor — Part #82346805

Manufacturer: Fiat
Model: Fiat X 1/9 w/5 Speed

Class: F

ENGINE

Manufacturer Fiat
Type SOHC 4 cyl. inline
Bore x stroke 3.40" x 2.92" (86.4 x 63.9)
Capacity 1498 cc
Head material Alloy
Block material C.I.
Valve head dia:
 Intake 1.43"
 Exhaust 1.31"
 Induction system One Weber 34 mm DMTR

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 7.1"

Gearbox

No. speeds forward: 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.58	2.35	2.24	2.24	1.82	1.82
2.	2.24	1.84	1.82	1.68	1.58	1.37
3.	1.45	1.39	1.45	1.36	1.45	1.17
4.	1.04	1.16	1.17	1.12	1.36	1.04
5.	0.86	1.04	1.06	1.10	1.12	0.96

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.58, 3.76, 4.41, 4.81, 5.30, 5.88

CHASSIS

Wheelbase 86.7"
Track dimension, Front 56.13"
Track dimension, Rear 56.54"
Wheel diameter 13"
Rim width 6.5"

BRAKES

	Standard	Alternate	Alternate
Front:	8.94" disc	9.875" disc	
Rear:	8.94" disc	9.875" disc	

WEIGHT & CAPACITIES

Official weight: 1615 lbs. Std. fuel tank capy: 11.8 gal.
gal. Alt.

SCCA approved fuel cell may be located in front trunk.

ALTERNATE SPECIFICATIONS

Rods: P/N #4211628

Crankshaft #4211630

Lancia disc brakes (9.875 x .40)

Alternate grill for '79: '78 x 1/9 grill & valance

Top panels may remain in place if securely bolted or pinned

Standard fuel injection

1/1/81

Manufacturer: Fiat
 Model: Fiat 124 Sport Spider 1600 and 124 Spider 2000

Class: E

ENGINE	1600	2000
Manufacturer	Fiat	
Type	DOHC 4 cyl. inline	
Bore x stroke	3.15" x 3.15"	3.31" x 3.54"
Capacity	98.12" cu. in.	1995 cc
Head material	Alum.	
Block material	C.I.	
Valve head dia:		
Intake	1.64"	
Exhaust	1.44"	
Induction system	Two Weber 2 bbl. 40 IDF-4DIFI 40 mm Pri. 40 mm Sec. or two Solex C40P116 Alt. 2000—Fuel Injection Bosch L-Jetronic	

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 7.9"

Gearbox

No. speeds forward: 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.	Alt.
1.					2.571	2.571	2.571
2.	Same as Fiat 124 Sport Spider				1.875	1.714	1.875
3.					1.353	1.353	1.474
4.					1.188	1.188	1.231
5.					1.000	1.000	1.000

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 4.1, 4.3, 4.44, 4.78, 5.38, 6.14, 3.90, 3.58, 3.9

CHASSIS

Wheelbase	89.8"
Track dimension, Front	56.7"
Track dimension, Rear	55.4"
Wheel diameter	13"
Rim width	6.5"

BRAKES

	Standard	Alternate	Alternate
Front:	8.9" disc	10.0" disc	
Rear:	8.9" disc	10.0" disc	

WEIGHT & CAPACITIES

Official weight: 1600—1775 lbs., 2000—1850 lbs. Std. fuel tank capy: 11.8 gal.

ALTERNATE SPECIFICATIONS

Alternate Rotor — Part #82346805
 Manifold 124A200.79-3

Manufacturer: Abarth Class: H
 Model: Fiat Abarth 850/S Record Monza, 750 GT, 750 Mille Miglia

ENGINE

Manufacturer Fiat Abarth
 Type OHV 4 cyl. inline
 Bore x stroke 2.46" x 2.72" or 2.40" x 2.52"
 Capacity 847 cc or 747 cc
 Head material Alum.
 Block material C.I.
 Valve head dia:
 Intake 1.02"
 Exhaust 0.94"
 Induction system One Weber 32 Impe or one Solex 32 PBIC

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 6.1"
 Gearbox
 No. speeds forward: 4 or 5
 Ratios:
 Std. Alt. Alt. Alt. Alt. Alt.
 1.
 2.
 3. (Same as 700 DOHC, 750 DOHC)
 4.
 5.
 Overdrive
 Make & Model: None
 Ratio

Final Drive Ratios: 3.9, 4.3, 4.6, 4.9, 5.2, 5.4

CHASSIS

Wheelbase 78.7"
 Track dimension, Front 48.7"
 Track dimension, Rear 49.2"
 Wheel diameter 12" or 13"
 Rim width 6"

BRAKES

	Standard	Alternate	Alternate
Front:	Drum	•	
Rear:	Drum	See below	

WEIGHT & CAPACITIES

Official weight: 1133 lbs. Std. fuel tank capy: 7 gal.
16 or 19 gal. Alt.

ALTERNATE SPECIFICATIONS

Disc brakes (single or dual pad)	903cc Fiat Motor (See Fiat 850
Alfin brakes (2, 3, or 4 shoe)	Spider) may be substituted. No
Front end reinforcement	interchange of parts is permitted.

Manufacturer: Abarth
Model: Fiat Abarth OT 1300/124 Coupe

Class: F

ENGINE

Manufacturer Fiat Abarth
Type OHV 4 cyl. inline
Bore x stroke 2.972" x 2.815"
Capacity 78.08 cu. in.
Head material Alum.
Block material C.I.
Valve head dia:
 Intake 1.54"
 Exhaust 1.37"
 Induction system One Weber 45 DCOE (45mm)

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 6.3"

Gearbox

No. speeds forward: 4 or 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.64	2.85	3.38	3.38		
2.	2.06	1.95	2.06	2.44		
3.	1.41	1.47	1.43	1.33		
4.	0.96	1.17	1.03	1.04		
5.			0.87	0.81		

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.70, 4.11, 4.63, 4.88

CHASSIS

Wheelbase 79.8"
Track dimension, Front 51.5"
Track dimension, Rear 53.5"
Wheel diameter 13.0"
Rim width 7"

BRAKES

	Standard	Alternate	Alternate
Front:	8.9" disc		
Rear:	7.3" drum	8.9" disc	

WEIGHT & CAPACITIES

Official weight: 1470 lbs. Std. fuel tank capy: 7.9 gal.
15.6 gal. Alt.

ALTERNATE SPECIFICATIONS

Manufacturer: Ford
Model: Escort Exp/Lynx LN 7

Class: F

ENGINE

Manufacturer Ford
Type SOHC 4 Cyl. Inline
Bore x stroke 79.96 x 79.52 mm (3.15 x 3.13)
Capacity 1599.66 cc
Head material Alum
Block material Iron
Valve head dia:
 Intake 1.65"
 Exhaust 1.46"
Induction system Datra Weber 740 2V

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 7.875

Gearbox

No. speeds forward: 4

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.58					
2.	2.05					
3.	1.21					
4.	0.81					
5.						

Overdrive

Make & Model:

Ratio.....

Final Drive Ratios: 3.59:1, 3.31:1

CHASSIS

Wheelbase 94.2"
Track dimension, Front 58.40"
Track dimension, Rear 59.74"
Wheel diameter 13"
Rim width 6"

BRAKES

	Standard	Alternate	Alternate
Front:	9.29 disc		
Rear:	7.1 drum		

WEIGHT & CAPACITIES

Official weight: 1700 lbs. Std. fuel tank capy:

ALTERNATE SPECIFICATIONS

Manufacturer: Jaguar
Model: XK 120, XK 140, XK 150, 3.4 and 3.8

Class: D

ENGINE

Manufacturer Jaguar
Type DOHC 6 cyl. inline
Bore x stroke 3.268" x 4.173" or 3.425" x 4.173"
Capacity 3442 cc or 3781 cc
Head material Alum.
Block material C.I.
Valve head dia:
 Intake 1.75"
 Exhaust 1.62" or 1.44"
 Induction system Two 1.75" SU or three 2" SU

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 10"

Gearbox

No. speeds forward: 4

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.38	3.38	2.98			
2.	1.96	1.86	1.74			
3.	1.37	1.28	1.21			
4.	1.00	1.00	1.00			
5.						

Overdrive

Make & Model: Laycock

Ratio

Final Drive Ratios: 2.93, 3.31, 3.54, 3.77, 3.92, 4.09, 4.27, 4.55, 3.52, 3.27; 3.64

CHASSIS

Wheelbase 102"
Track dimension, Front 57.3"
Track dimension, Rear 56.3"
Wheel diameter 15" or 16"
Rim width 7"

BRAKES

	Standard	Alternate	Alternate
Front:	12" disc	drum	
Rear:	12" disc	drum	

WEIGHT & CAPACITIES

Official weight: 2612 lbs. Std. fuel tank capy: 17 gal.

ALTERNATE SPECIFICATIONS

C4359 fuel tank
XK-E intake manifolds

Manufacturer: British Leyland
Model: Jaguar XK-E, 3.8 and 4.2, Coupe and Roadster

Class: C

ENGINE

Manufacturer BLMi
Type DOHC, 6 cyl. inline
Bore x stroke 3.63" x 4.17" or 3.43" x 4.17"
Capacity 4235 cc or 3781 cc
Head material Alum.
Block material C.I.
Valve head dia:
 Intake 1.75"
 Exhaust 1.625"
 Induction system Three 2" SU or two 1.75" Zenith-Stromberg

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 10"

Gearbox

No. speeds forward: 4

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	2.98	3.38	2.14	2.68	2.93	
2.	1.74	1.86	1.65	1.74	1.91	
3.	1.21	1.28	1.28	1.27	1.39	
4.	1.00	1.00	1.00	1.00	1.00	
5.						

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 2.69, 2.79, 2.88, 2.93, 3.07, 3.31, 3.54, 3.77, 4.09, 4.27, 4.55, 4.78, 4.89, 5.38

CHASSIS

Wheelbase 96"
Track dimension, Front 55.62"
Track dimension, Rear 54.6"
Wheel diameter 15"
Rim width 7.5"

BRAKES

	Standard	Alternate	Alternate
Front:	11 3/16" disc	12" disc x .50"	
Rear:	10 3/8" disc	11" disc x .50"	

WEIGHT & CAPACITIES

Official weight: 2337 lbs.—Roadster; 2394 lbs.—Coupe Std. fuel tank capy: 17 gal.
29 or 37 gal. Alt.

ALTERNATE SPECIFICATIONS

BD 19929/A Alum. Bonnet (no change in official weight)

Manufacturer: Jensen Motors
Model: Jensen-Healey and GT

Class: D

ENGINE

Manufacturer Lotus
Type DOHC 4 cyl. valve inline
Bore x stroke 3.751" x 2.726"
Capacity 1973 cc
Head material Alum.
Block material Alum.
Valve head dia:
 Intake 1.40" (2)
 Exhaust 1.215" (2)
 Induction system Two 1.75" Stromberg CD 2SE

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 9.5"

Gearbox

No. speeds forward: 4 or 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.12	1.85	3.37	3.31		
2.	1.99	1.49	2.16	1.56		
3.	1.30	1.16	1.58	1.29		
4.	1.00	1.00	1.24	1.08		
5.			1.00	1.00		

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.5, 3.73, 3.9, 4.1, 4.6

CHASSIS

Wheelbase 92.0"
Track dimension, Front 57.0"
Track dimension, Rear 56.0"
Wheel diameter 13"
Rim width 7"

BRAKES

	Standard	Alternate	Alternate
Front:	10.0" disc	10.1" disc	
Rear:	9.0" drum		

WEIGHT & CAPACITIES

Official weight: 2076 lbs. Std. fuel tank capy: 13.2 gal.

Sleeves: Cast Iron

ALTERNATE SPECIFICATIONS

Manufacturer: Lotus
Model: Lotus 7 and 7 America

Class: F

NOTE: Parts may not be interchanged between the two engine/clutch/units.

ENGINE

Manufacturer	Ford 105E	or	BMC
Type	OHV 4 cyl. inline		OHV 4 cyl. inline
Bore x stroke	3.19" x 1.91"		2.48" x 3.00"
Capacity	997 cc		948 cc
Head material	C.I.		C.I.
Block material	C.I.		C.I.
Valve head dia:			
Intake	1.30"		1.16"
Exhaust	1.20"		1.00"
Induction system	Two 1.25" SU		Two 1.25" or 1.125" SU

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter:	7.75"	6.25"				
Gearbox						
No. speeds forward:	4					
Ratios:						
	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	4.12	2.92	3.64	2.57	2.65	3.20
2.	2.40	1.70	2.37	1.68	1.68	1.92
3.	1.41	1.28	1.41	1.23	1.23	1.36
4.	1.00	1.00	1.00	1.00	1.00	1.00
5.						

Overdrive

 Make & Model: None

 Ratio

Final Drive Ratios: 4.11, 4.55, 4.88, 3.22, 3.65, 3.91

CHASSIS

Wheelbase	88"
Track dimensions, Front	50.9"
Track dimensions, Rear	52.0"
Wheel diameter	13"
Rim width	5"

NOTE: Rear edge of the front fenders are to be 4½" above the body undertray.

BRAKES

Front:	Standard	Alternate	Alternate
Rear:	8" drum		
	7" drum		

WEIGHT & CAPACITIES

Official weight: 845 lbs. Std. fuel tank capy: 9.5 gal.

ALTERNATE SPECIFICATIONS

CAO-B405/6 front 9" disc brake kit (results in 7/8" track increase)
Authorized frame modification (see Lotus Super 7)
BMC Mark III Transmission case with 948'
Headlight & associated hardware may be removed

Manufacturer: Lotus
 Model: Super 7

Class: D

NOTE: Parts may not be interchanged between the two engine/clutch/units.

ENGINE

Manufacturer	Ford/Cosworth 109E or	Ford 116 E/122E
Type	OHV, 4 cyl. inline	OHV, 4 cyl. inline
Bore x stroke	3.19" x 2.56"	3.19" x 2.86"
Capacity	1340 cc	1498 cc
Head material	C.I.	C.I.
Block material.....	C.I.	C.I.
Valve head dia:		
Intake	1.30"	1.442"
Exhaust.....	1.20"	1.193"
Induction system.....	Two 40 DCOE Webers	One Weber 40 DOCE or two* 40 DOCE Weber

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter:	7.25"	8.0"
Gearbox		
No. speeds forward: 4		
Ratios:		
	Std.	Alt.
1.	4.12	2.92
2.	2.40	1.70
3.	1.41	1.28
4.	1.00	1.00
5.		

Overdrive

 Make & Model: None
 Ratio

Final Drive Ratios: 4.11, 4.55, 4.88, 3.22, 3.65, 3.91

CHASSIS

Wheelbase	88"	NOTE: Rear edge of the front fenders are to be 4½" above the body undertray. *Series 4 rear, 55.0"
Track dimension, Front	50.9"	
Track dimension, Rear	52.0"	
Wheel diameter	13"	
Rim width.....	5"	

BRAKES

	Standard	Alternate	Alternate
Front:	8" drum	(see below)	
Rear:	7" drum		

WEIGHT & CAPACITIES

Official weight: 1340—950 lbs.; 1500—1045 lbs. (two carb) 1000 lbs. (one carb)
 Std. fuel tank capy: 9.5 gal.

1340 manifold is used to fit dual Webers to 1500 engine (#9223)

ALTERNATE SPECIFICATIONS

- OAOB 405/6 front disc brakes (9")
 (results in 7/8" track increase)
- Authorized frame modification: Information available from SCCA
- Cosworth main bearing caps and rocker pedestals (109E only)
- Headlights & associated hardware may be removed

46 *Dual Weber restrictors 32 mm
 *Series 4 rear axle housing

Manufacturer: Lotus
Model: Lotus Seven Series Four

Class: D

ENGINE

Manufacturer Ford
Type OHV 4 cyl. inline
Bore x stroke 3.19" x 3.06"
Capacity 1599 cc
Head material C.I.
Block material C.I.
Valve head dia:
 Intake 1.51"
 Exhaust 1.25"
 Induction system One Weber 32 DFM or DFD, 26 mm Pri., 27 mm Sec.

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8"

Gearbox

No. speeds forward: 4

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	2.97	2.51	2.51	3.54		
2.	2.01	1.70	1.64	2.40		
3.	1.40	1.23	1.23	1.41		
4.	1.00	1.00	1.00	1.00		
5.						

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.55, 3.77, 3.9, 4.12, 4.43, 4.7

CHASSIS

Wheelbase 90.0"
Track dimension, Front 52.4"
Track dimension, Rear 55.1"
Wheel diameter 13"
Rim width 7"

NOTE: Rear edge of the front fenders are to be 4½" above the body undertray.

BRAKES

	Standard	Alternate	Alternate
Front:	9" disc	9.63" disc	
Rear:	9" drum		

WEIGHT & CAPACITIES

Official weight: 1188 lbs. Std. fuel tank capy: 9.0 gal.

ALTERNATE SPECIFICATIONS

Manufacturer: Lotus

Class: D

Model: Lotus Elan 1600, S-2, S-4 (Roadster, Coupe and Drophead)

ENGINE

Manufacturer Lotus/Ford
 Type DOHC 4 cyl. inline
 Bore x stroke 3.25" x 2.864"
 Capacity 1558 cc
 Head material Alum.
 Block material C.I.
 Valve head dia:
 Intake 1.566", 1.53", 1.625" or 1.690"
 Exhaust 1.32", 1.365" or 1.440"
 Induction system Two Weber 40 DCOE or two Dell'Orto HLA 40 with 28 mm Venturi

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8.0"

Gearbox

No. speeds forward: 4 or 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.54	2.51	2.97	2.51	3.20	2.0	
2.	2.40	1.70	2.01	1.64	2.00	1.62	
3.	1.41	1.23	1.40	1.23	1.37	1.37	
4.	1.00	1.00	1.00	1.00	1.00	1.17	
5.					0.80	1.00	0.86

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.55, 3.77, 3.90, 4.12, 4.43, 4.7

CHASSIS

Wheelbase 84.0"
 Track dimension, Front 50.5"
 Track dimension, Rear 52.0"
 Wheel diameter 13.0"
 Rim width 6"

BRAKES

	Standard	Alternate	Alternate
Front:	9.0" disc	9.63" disc	
Rear:	10" disc	9.25" disc	

WEIGHT & CAPACITIES

Official weight: 1400 lbs. Std. fuel tank capy: 12 gal.
 Roadster & Coupe:

ALTERNATE SPECIFICATIONS

Two Stromberg 175 CD 2 1.75"
 26L-702A 10.5 gal. aux. fuel tank
 26C-059/60A alloy brake calipers, front

Steel crankshaft of same stroke and journal dimensions
 Cosworth connecting rods #KK 0010
 Steel main bearing caps

Manufacturer: Lotus
Model: Lotus Mark 46, 54, 65 Europa

Class: E

ENGINE

Manufacturer Renault
Type OHV, 4 cyl. inline
Bore x stroke 2.99" x 3.19" or 3.03" x 3.31"
Capacity 89.7 cu in. or 95.5 cu. in.
Head material Alum.
Block material Alum./Steel
Valve head dia:
 Intake 1.478"
 Exhaust 1.227"
Induction system Solex 1 $\frac{3}{8}$ " DIDS A2 2 bbl. or One Weber 45 DCOE

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 8.0"

Gearbox

No. speeds forward: 4 or 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.61	2.88	2.24	2.05	3.62	2.25	3.07
2.	2.25	1.75	1.50	1.62	2.33	1.75	2.23
3.	1.48	1.20	1.12	1.28	1.60	1.48	1.68
4.	1.032	0.96	0.90	1.00	1.21	1.21	1.30
5.					0.87	1.00	1.03

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.35, 3.78, 4.25, 4.12, 4.38

CHASSIS

Wheelbase 91"
Track dimension, Front 56.7"
Track dimension, Rear 56.7"
Wheel diameter 13"
Rim width 6"

BRAKES

	Standard	Alternate	Alternate
Front:	9" disc	9.63" disc	
Rear:	8" drum	*9.13" disc	

WEIGHT & CAPACITIES

Official weight: 1173 lbs. Std. fuel tank capy: 8.4 gal.
16.8 gal. Alt.

ALTERNATE SPECIFICATIONS

Cylinder Head Casting — R-16 Renault
*Discs from twin cam

Manufacturer: Lotus
Model: Esprit

Class: C

ENGINE

Manufacturer Lotus
Type DOHC 4 cyl. 4 valve inline
Bore x stroke 3.75" x 2.726"
Capacity 1973 cc/120.4 CID
Head material Alum.
Block material Alum.
Valve head dia:
 Intake 1.40" (2)
 Exhaust 1.215" (2)
 Induction system Two Sidedraft Zenith 175-CD2SE or two Dellorto
 DHLA 45E Carbs. Manifold B907E123Y

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter:

Gearbox

No. speeds forward: 5

Ratios:

	Std. .	Alt.	Alt.	Alt.	Alt.	Alt.
1.	2.920					
2.	1.940					
3.	1.320					
4.	0.970					
5.	0.760					

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 4 375:1

CHASSIS

Wheelbase 96"
Track dimension, Front 63.9"
Track dimension, Rear 63.9"
Wheel diameter 14"
Rim width 7.5" F, 8.5" R

BRAKES

	Standard	Alternate	Alternate
Front:	9.7" disc		
Rear:	10.82" disc		

WEIGHT & CAPACITIES

Official weight: 2185 lbs. Std. fuel tank capy: 18 gal.

ALTERNATE SPECIFICATIONS

Manufacturer: Toyo Kogyo Co. Ltd.
 Model: Mazda RX-7

Class: D

ENGINE

Manufacturer Mazda
 Type 2 rotor rotary piston, lateral inlet port
 Bore x stroke
 Capacity 2292 cc (1146 cc x 2)
 Head material
 Block material Alum
 Valve head dia:
 Intake 23 mm port max. width, lateral
 Exhaust 41 mm port, max. width, peripheral
 Induction system Nikki 1.1" pri., 1-3" sec.

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 10.6"

Gearbox

No. speeds forward: 5

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.67	2.34	2.35	2.190		
2.	2.21	1.69	1.60	1.600		
3.	1.43	1.28	1.24	1.470		
4.	1.00	1.00	1.00	1.18		
5.	0.82	0.88	0.84	1.000		

Overdrive

Make & Model:

Ratio.....

Final Drive Ratios: 3.63, 3.72, 3.90, 4.10, 4.37, 4.44, 4.62, 5.12, 4.87

CHASSIS

Wheelbase 95.3"
 Track dimension, Front 63.2"
 Track dimension, Rear 62.8"
 Wheel diameter 13", 14"
 Rim width 7"

BRAKES

	Standard	Alternate	Alternate	Rotor Width
Front:	9.0 disc	11.81 disc Lockheed		1.1"
Rear:	7.9 drum	1980 rear disc		

WEIGHT & CAPACITIES

Official weight: 2000 lbs. Std. fuel tank capy: 14.5

ALTERNATE SPECIFICATIONS

Manufacturer: British Leyland
Model: MG Midget (948)

Class: H

ENGINE

Manufacturer BLM
Type OHV, 4 cyl. inline
Bore x stroke 2.48" x 3.00"
Capacity 948 c
Head material C.I.
Block material C.I.
Valve head dia:
 Intake 1.16"
 Exhaust 1.00"
Induction system Two 1.25" SU

TRANSMISSION AND DRIVE TRAIN

Clutch Diameter: 6.25"

Gearbox

No. speeds forward: 4

Ratios:

	Std.	Alt.	Alt.	Alt.	Alt.	Alt.
1.	3.20	3.63	2.93	2.57		
2.	1.92	2.37	1.75	1.72		
3.	1.36	1.41	1.24	1.26		
4.	1.00	1.00	1.00	1.00		
5.						

Overdrive

Make & Model: None

Ratio

Final Drive Ratios: 3.73, 3.91, 4.22, 4.55, 4.88, 5.38

CHASSIS

Wheelbase 80.0"
Track dimension, Front 49.5"
Track dimension, Rear 48.2"
Wheel diameter 13"
Rim width 5"

BRAKES

	Standard	Alternate	Alternate
Front:	7" drum	8.2" disc	— increases front track to 50.2"
Rear:	7" drum		

WEIGHT & CAPACITIES

Official weight: 1377 lbs. Std. fuel tank capy: 7 gal.

ALTERNATE SPECIFICATIONS

Q 2491 Alfin brake drums
Mark III transmission case
Backing plate & wheel cylinders: Part # BTA 566 R/H BTA 566 L/H GWC 1102
Battery tray may be removed

Q 2353 (ATA 7154) 8" front brakes
Substitute main bearing caps