

■ GIULIA ■ 1750 ■ 2000 AND MONTREAL MODELS ■

■ WHEEL AND SUSPENSION ■

■ FRONT END GEOMETRY ■

■ AMENDMENT TO SPECIFICATIONS ■

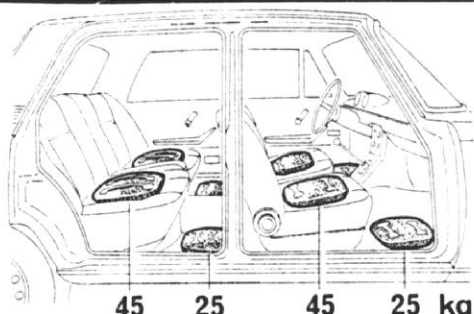
(Supplement to DIASS Public. 1507)

Alfa Romeo

SHOP MANUAL



LOADS FOR CAR TRIM



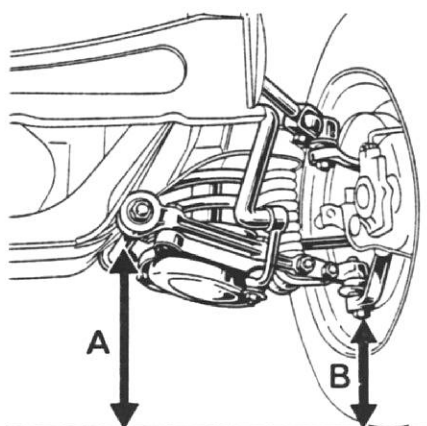
- 4-door models:
load as shown = 280 kg total weight
- 2-door models:
load the front only = 140 kg total weight

S P E C I F I C A T I O N S
dimensions in millimetres unless otherwise stated

(1) Maximum difference in camber angle between R.H. and L.H. wheel = $0^{\circ} 40'$
NOTE - Not adjustable. Check the chassis and suspension arms if necessary

GIULIA 1300	GIULIA 1300 TI	1300 SUPER	1600 SUPER	1750 BERLINA	2000 BERLINA	2000 GT VELOCE	2000 SPIDER VELOCE
from chassis no. 1.029.001-L.H.D.	from chassis no. $\left\{ \begin{array}{l} 1.029.001\text{-L.H.D.} \\ 765.001\text{-R.H.D.} \end{array} \right.$	from chassis no. $\left\{ \begin{array}{l} 2.220.001\text{-L.H.D.} \\ 2.294.001\text{-R.H.D.} \end{array} \right.$	from chassis no. $\left\{ \begin{array}{l} 1.875.001\text{-L.H.D.} \\ 784.001\text{-R.H.D.} \end{array} \right.$	from chassis no. $\left\{ \begin{array}{l} 1.740.001\text{-L.H.D.} \\ 1.464.001\text{-R.H.D.} \end{array} \right.$			

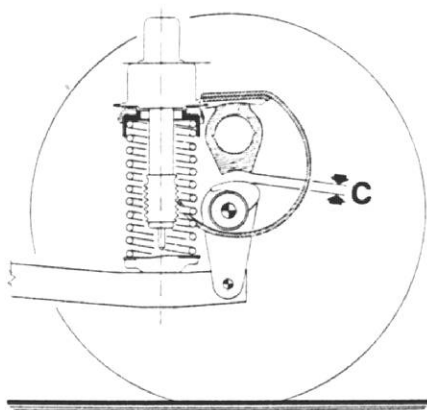
FRONT SPRING SAG



A minus B =

 34 ± 5 34 ± 5 34 ± 5 34 ± 5 34 ± 5 34 ± 5 34 ± 5 24 ± 5

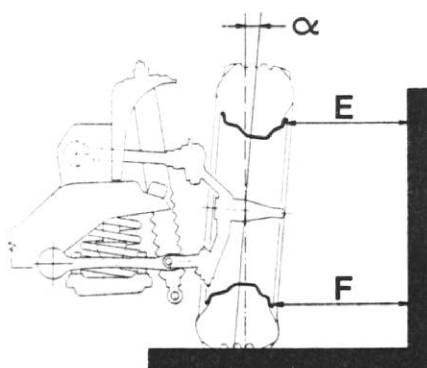
REAR SPRING SAG



C =

 36 ± 5 36 ± 5 36 ± 5 36 ± 5 36 ± 5 36 ± 5 41 ± 5 33 ± 5

CAMBER

 $\alpha =$
(1) $- 10' / + 50'$ $- 10' / + 50'$ $- 10' / + 50'$ $- 10' / + 50'$ $- 10' / + 50'$ $- 10' / + 50'$ $- 10' / + 50'$ $- 10' / + 50'$

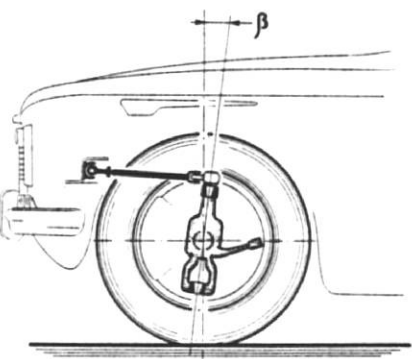
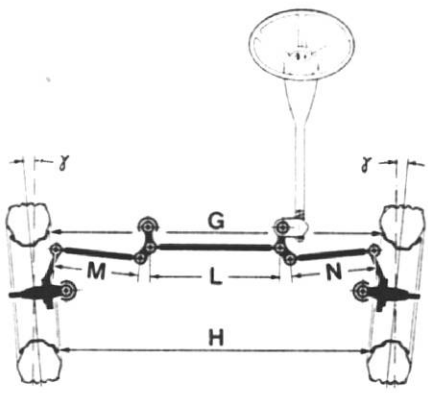
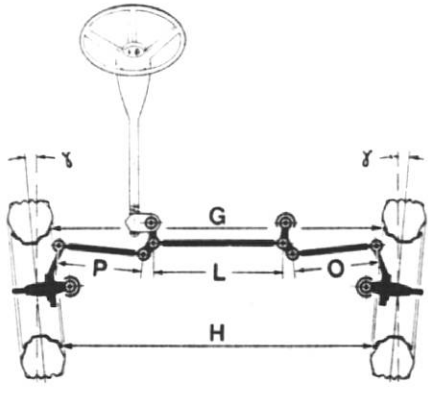
F =

 $E - 1 / + 5$ $E - 1 / + 5$ $E - 1 / + 5$ $E - 1 / + 5$ $E - 1 / + 5$ $E - 1 / + 5$ $E - 1 / + 5$ $E - 1 / + 5$

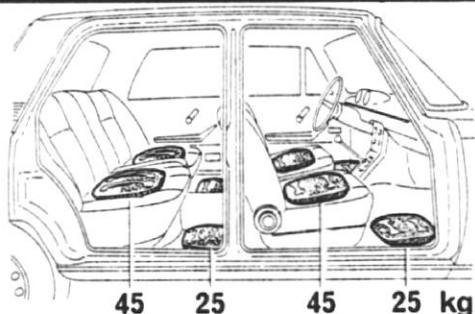
S P E C I F I C A T I O N S
dimensions in millimetres unless otherwise stated

- (1) Wheel: 4 1/2 j x 15" - 390 mm dia.
- (2) Wheel: 5 j or 5 1/2 j x 14" - 365 mm dia.
- (3) Steering arm P.N. 105.49.24.201.00 marked with a white dot
- (4) Maximum difference in castor between R.H. and L.H. wheel = 20'
- (5) Side rod length N = 264/280 mm
- (6) Side rod length P = 259/275 mm
- L = Track rod length = 530/550 mm

GIULIA 1300	GIULIA 1300 TI		1300 SUPER	1600 SUPER	1750 BERLINA	2000 BERLINA	2000 GT VELOCE	2000 SPIDER VELOCE
from chassis no. 1.029.001-L.H.D.	from chassis no. 1.029.001-L.H.D.	from chassis no. 765.001-R.H.D.	from chassis no. 2.220.001 L.H.D. 2.294.001 R.H.D.	from chassis no. 1.875.001 L.H.D. 784.001 R.H.D.	from chassis no. 1.740.001 L.H.D. 1.464.001 R.H.D.			

TOE-IN	CASTOR		$\beta =$ (4)	1° / 2°	1° / 2°	1° / 2°	1° / 2°	1° / 2°	1° / 2°	1° / 2°
	L.H.D.		$\gamma =$ $G =$ $M =$	13' H + 3 N (5)	13' (1) 14' (2) H + 3 N - 5 (5)	13' (1) 14' (2) H + 3 N - 5 (5)	13' (1) 14' (2) H + 3 N - 5 (5)	14' H + 3 N - 5 (5)	14' H + 3 N - 5 (5)	14' H + 3 N - 5 (5)
	R.H.D.		$\gamma =$ $G =$ $O =$	13' H + 3 P + 5 (3) (6)	13' (1) 14' (2) H + 3 P + 5 (3) (6)	13' (1) 14' (2) H + 3 P + 5 (3) (6)	13' (1) 14' (2) H + 3 P + 5 (3) (6)	14' H + 3 P + 5 (3) (6)	14' H + 3 P + 5 (3) (6)	14' H + 3 P + 5 (3) (6)

LOADS FOR CAR TRIM



- 4-door models:
load as shown = 280 kg total weight
- 2-door models:
load the front only = 140 kg total weight

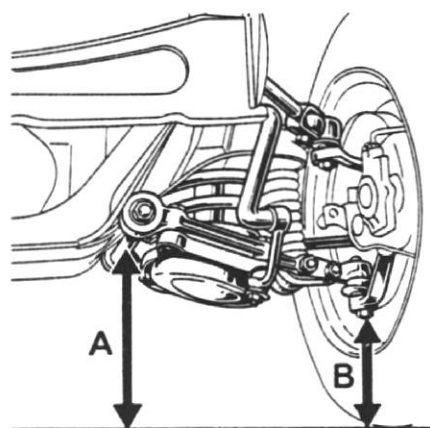
S P E C I F I C A T I O N S

dimensions in millimetres unless otherwise stated

- (1) Maximum difference in camber angle between R.H. and L.H. wheel = $0^{\circ} 40'$
NOTE - Not adjustable. Check the chassis and suspension arms if necessary

GT 1300 JUNIOR		JUNIOR 1300 ZAGATO	1750 GT VELOCE	MONTREAL	SPIDER 1300 JUNIOR	1750 SPIDER VELOCE
from chassis no. 1.260.001-L.H.D.	from chassis no. 1.295.001-R.H.D.	from chassis no. 1.800.001-L.H.D.	from chassis no. $\left\{ \begin{array}{l} 1.375.001\text{-L.H.D.} \\ 1.454.001\text{-R.H.D.} \end{array} \right.$		from chassis no. $\left\{ \begin{array}{l} 1.841.001\text{-L.H.D.} \\ 1.855.001\text{-R.H.D.} \end{array} \right.$	from chassis no. $\left\{ \begin{array}{l} 1.820.001\text{-L.H.D.} \\ 1.835.001\text{-R.H.D.} \end{array} \right.$

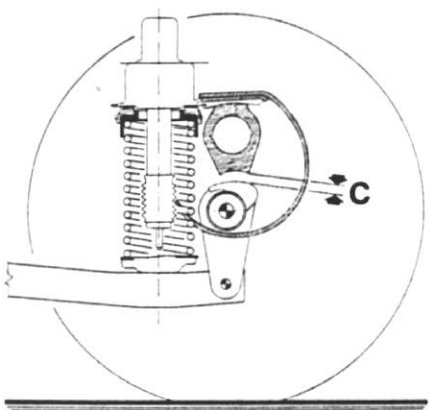
FRONT SPRING SAG



A minus B=

24 $\pm$ 534 $\pm$ 524 $\pm$ 534 $\pm$ 524 $\pm$ 524 $\pm$ 524 $\pm$ 5

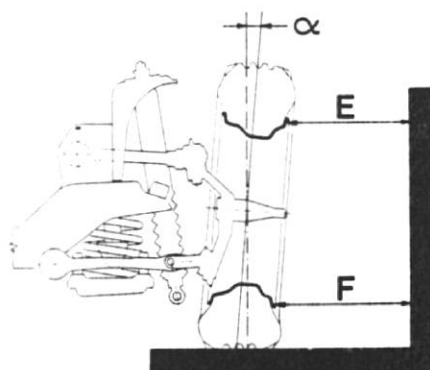
REAR SPRING SAG



C =

41 $\pm$ 541 $\pm$ 533 $\pm$ 541 $\pm$ 541 $\pm$ 533 $\pm$ 533 $\pm$ 5

CAMBER

 $\alpha =$
(1)

- 10' / + 50'

- 10' / + 50'

- 10' / + 50'

- 10' / + 50'

- 10' / + 50'

- 10' / + 50'

- 10' / + 50'

F =

E - 1 / + 5

E - 1 / + 5

E - 1 / + 5

E - 1 / + 5

E - 1 / + 5

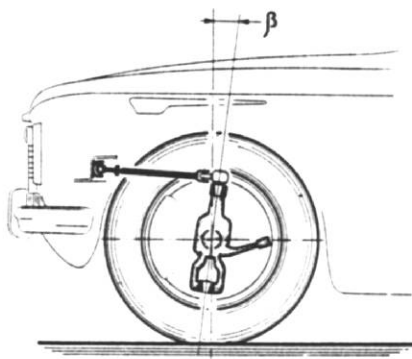
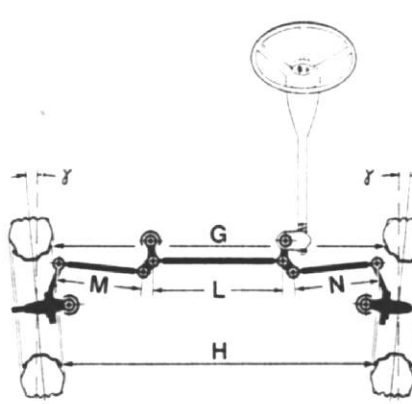
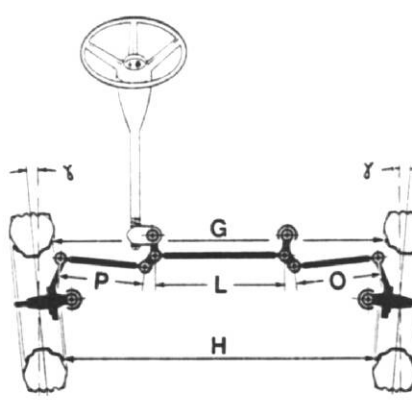
E - 1 / + 5

E - 1 / + 5

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dimensions in millimetres unless otherwise stated

- (1) Wheel: 4 1/2 j x 15" - 390 mm dia.
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- (3) Steering arm P.N. 105.49.24.201.00 marked with a white dot
- (4) Maximum difference in castor between R.H. and L.H. wheel = 20'
- (5) Side rod length N = 264/280 mm (for MONTREAL model = 256/272 mm)
- (6) Side rod length P = 259/275 mm (for MONTREAL model = 256/272 mm)
- L = Track rod length = 530/550 mm (for MONTREAL model = 643/663 mm)

GT 1300 JUNIOR		JUNIOR 1300 ZAGATO	1750 GT VELOCE		MONTREAL	SPIDER 1300 JUNIOR		1750 SPIDER VELOCE	
from chassis no. 1.260.001-L.H.D.	from chassis no. 1.295.001-R.H.D.	from chassis no. 1.800.001-L.H.D.	from chassis no. 1.375.001-L.H.D.	from chassis no. 1.454.001-R.H.D.		from chassis no. 1.841.001-L.H.D.	from chassis no. 1.855.001-R.H.D.	from chassis no. 1.820.001-L.H.D.	from chassis no. 1.835.001-R.H.D.

CASTOR		$\beta =$ (4)	$1^{\circ} / 2^{\circ}$	$1^{\circ} / 2^{\circ}$	$1^{\circ} / 2^{\circ}$	$1^{\circ} / 2^{\circ}$	$1^{\circ} / 2^{\circ}$	$1^{\circ} / 2^{\circ}$
L.H.D.		$\gamma =$ $G =$ $M =$	$13' \text{ (1)}$ $14' \text{ (2)}$ $H + 3$ $N - 5$ (5)	$14'$ $H + 3$ $N - 5$ (5)	$14'$ $H + 3$ $N - 5$ (5)	$14'$ $H + 3$ N (5)	$13' \text{ (1)}$ $14' \text{ (2)}$ $H + 3$ $N - 5$ (5)	$14'$ $H + 3$ $N - 5$ (5)
R.H.D.		$\gamma =$ $G =$ $O =$	$13' \text{ (1)}$ $14' \text{ (2)}$ $H + 3$ $P + 5 \text{ (3)}$ (6)	$14'$ $H + 3$ $P + 5 \text{ (3)}$ (6)	$14'$ $H + 3$ P (6)	$14'$ $H + 3$ P (6)	$13' \text{ (1)}$ $14' \text{ (2)}$ $H + 3$ $P + 5 \text{ (3)}$ (6)	$14'$ $H + 3$ $P + 5 \text{ (3)}$ (6)

Alfa Romeo

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