



SERVICE SHEETS
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SERVICE SHEET No. 710x

June 1948.

Revised May 1954.

FRAME REPAIRS

ALL MODELS

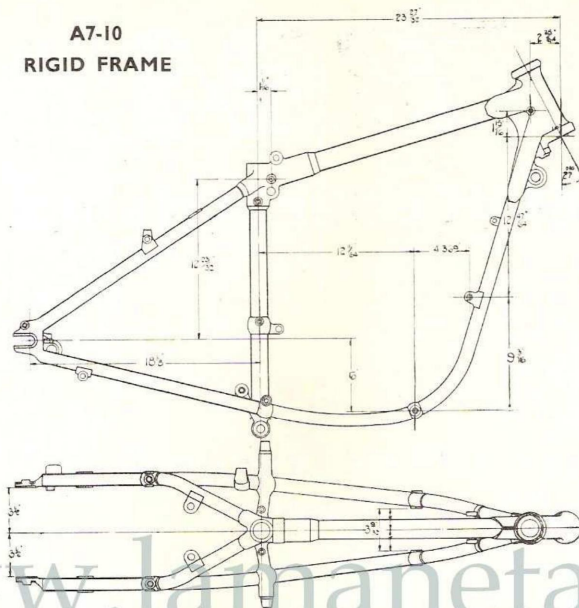
Frame repairs must not be attempted unless adequate workshop facilities are available.

The information given in this sheet is intended for the use of Dealers who are unable to take advantage of the B.S.A. repair service and who have frame repair facilities.

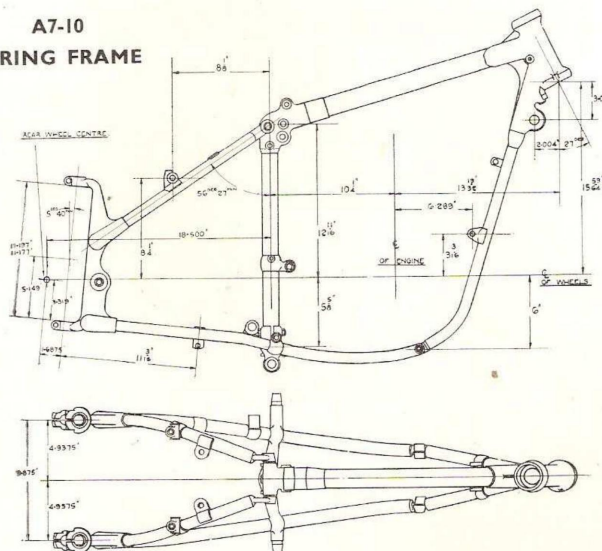
Spotting points to enable frame trueing to be carried out can be determined by making use of the dimensions given.

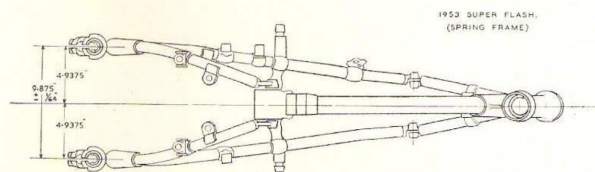
B.S.A. Motor Cycles Ltd., Birmingham 11.
(PRINTED IN ENGLAND)

**A7-10
RIGID FRAME**

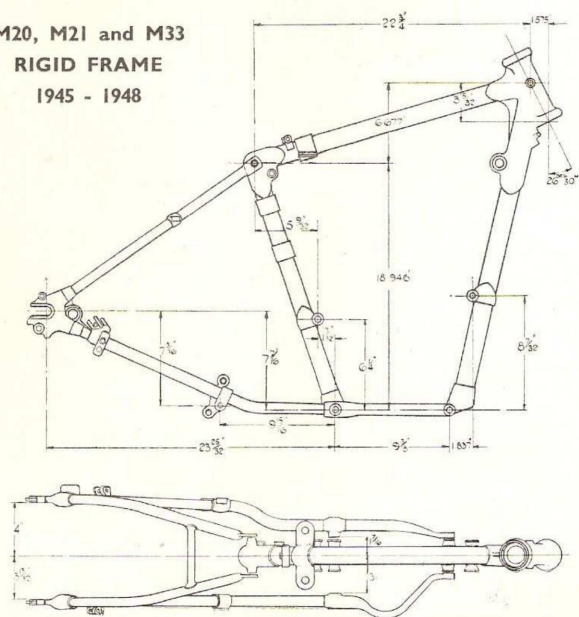


**A7-10
SPRING FRAME**



[illegible]

**M20, M21 and M33
RIGID FRAME
1945 - 1948**



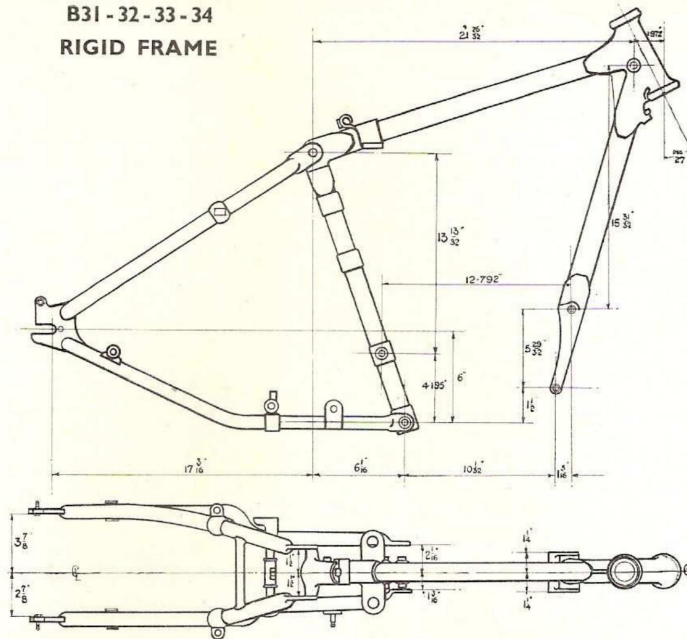
M20, M21 and M33
RIGID FRAME
 1949 onwards

Technical drawing showing the chassis and suspension components of the M20, M21, and M33 vehicles, featuring a rigid frame design from 1949 onwards.

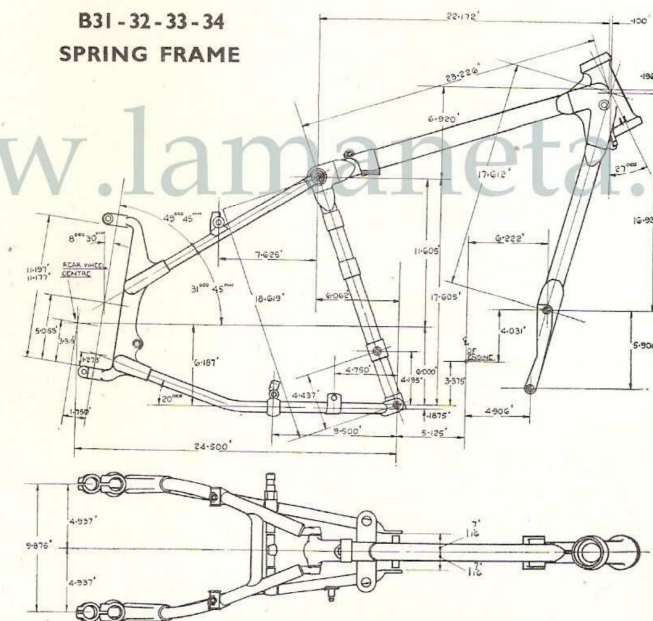
Key dimensions and components labeled include:

- Overall length: 22'-1 3/8"
- Wheelbase: 13'-8 7/8"
- Front suspension components: 88° 3/4", 80° 30', 26° 30', 20° 30', 25'-0 1/4"
- Engine mounting points: OF ENGINE
- Other dimensions: 6'-2 28/32", 4'-5 31/32", 18'-9 4/6", 7'-4 37/32", 6'-2 25/32", 4'-1 87/32", 4'-1 87/32", 5'-0 62/32", 9'-3 37/32", 9'-3 75/32", 6'-5 14/32", 2'-19 4/32", 13'-8 47/32", 4'-0", 3'-4 1/8", 1'-4 3/8", 3'-0 1/8"

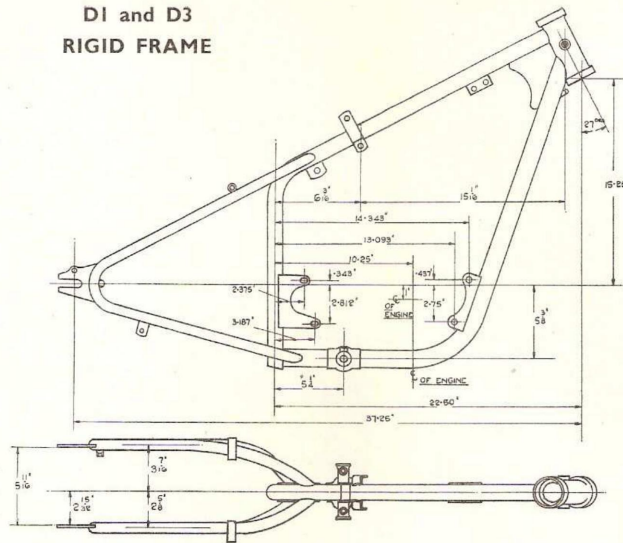
B31 - 32 - 33 - 34
RIGID FRAME



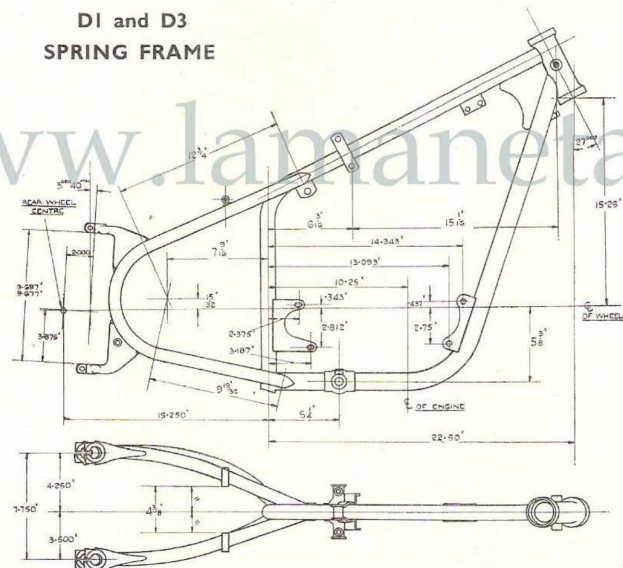
B31 - 32 - 33 - 34
SPRING FRAME



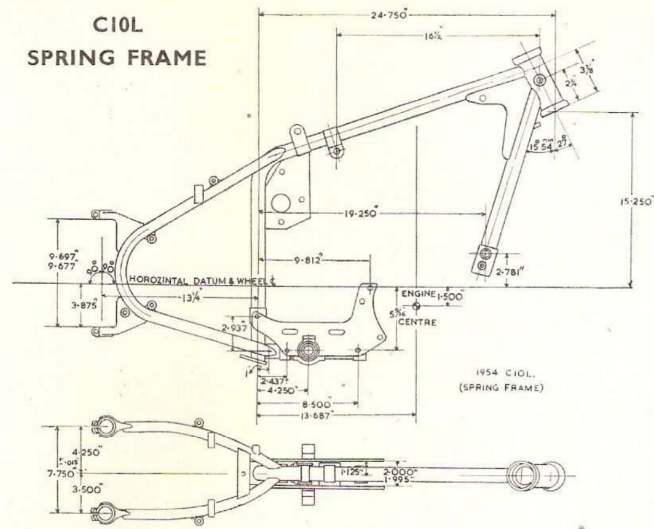
**D1 and D3
RIGID FRAME**



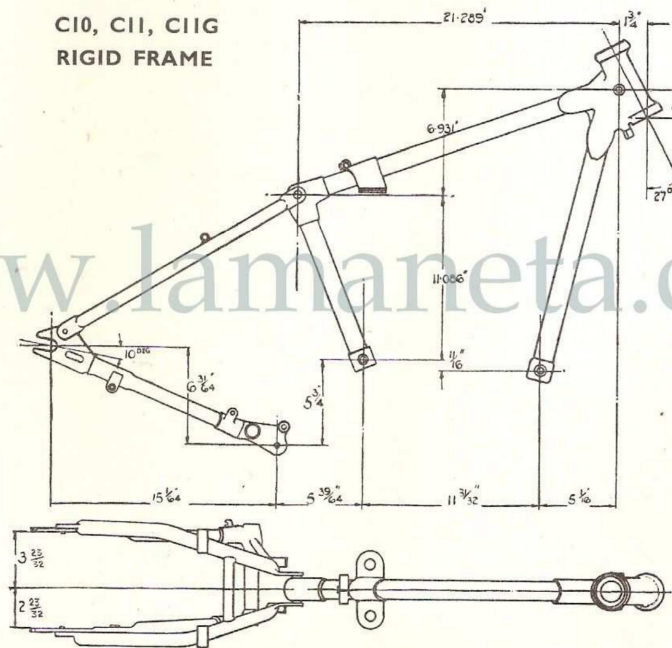
**D1 and D3
SPRING FRAME**



C10L SPRING FRAME

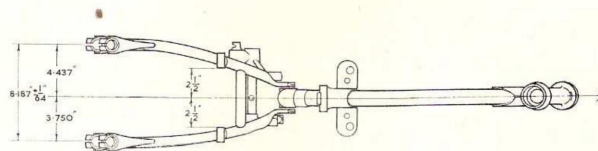


C10, C11, C11G RIGID FRAME



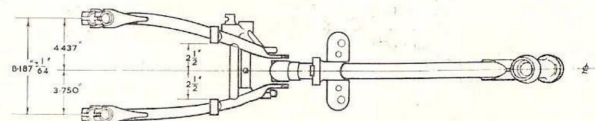
Technical drawing of a 3-speed gearbox assembly, showing dimensions and components. The drawing includes the following dimensions and labels:

- Dimensions:**
 - 23° 0' 0"
 - 81° 56'
 - 27°
 - 40° 54' 30"
 - 16° 02'
 - 6° 45'
 - 1.875"
 - 9.5875"
 - 3.875"
 - 11.086"
 - 4.256"
 - 7.156"
 - 4.812"
 - 5.808"
 - 20° 09' 08"
 - 0.87"
 - 5.750"
 - 10.2"
 - 8.500"
 - 12.765"
 - 15.000"
 - 0.300"
 - 6.557"
- Labels:**
 - READ WHEEL
 - CENTRE
 - OF ENGINE
 - OF ENGINE



Technical drawing of a spring frame for a 4-speed gearbox. The drawing includes the following dimensions and angles:

- Angles: 23.090° , $81^\circ 56'$, 27° , $40^\circ 54' 30''$, 16.92° , 250° .
- Dimensions: $6 \frac{1}{16}$, 16.75 , $6^\circ 15'$, 9.587 , 6.4 , 3.875 , 0.30 , 6.557 , $10 \frac{1}{2}$, 8.500 , 16.000 , 12.755 , 11.524 , 5.500 , 5.812 , 4.812 , 6.808 , 20.998 , 16.406 , 5.312 .
- Labels: "REAR WHEEL CENTRE", "OF ENGINE", "A".



[illegible]

1953 GOLD STAR.
SWINGING ARM

