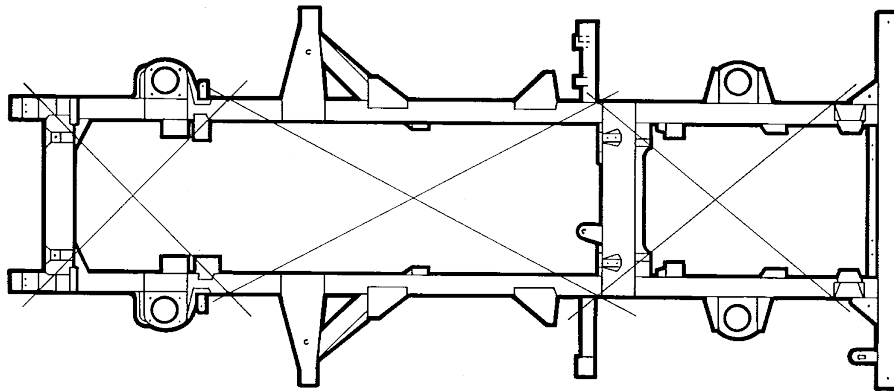


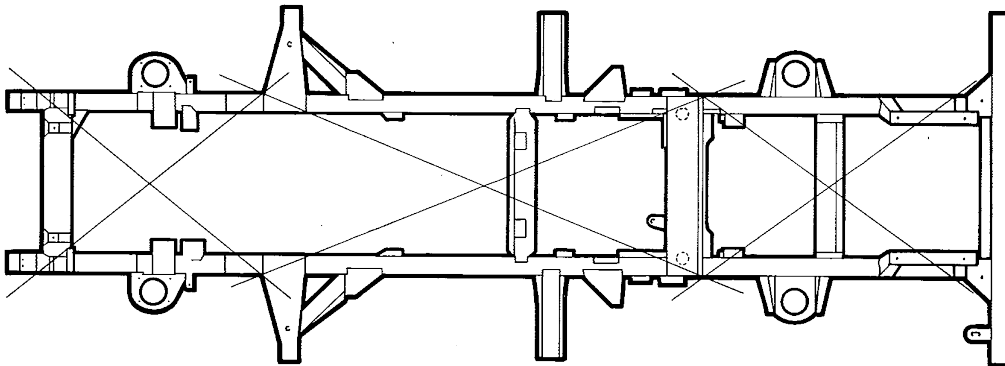
CHASSIS FRAME ALIGNMENT

With the vehicle assembled, a check for chassis squareness can be made as follows:

1. Place the vehicle on a level floor.
2. Mark measuring points at approximately the locations shown in LR4412M ensuring that the marks are exactly opposite on each side of the chassis frame.
3. Hold a plumb line against each of the measuring points in turn and mark the floor directly beneath the plumb-bob.
4. Move the vehicle and measure diagonally between the marks made on the floor, if the chassis is square the diagonals between the related measuring points should be within 9,50 mm.
5. Chassis frame dimensional checks can be made, with the vehicle upper structure removed, referring to the applicable illustration and associated key.



LAND ROVER 90

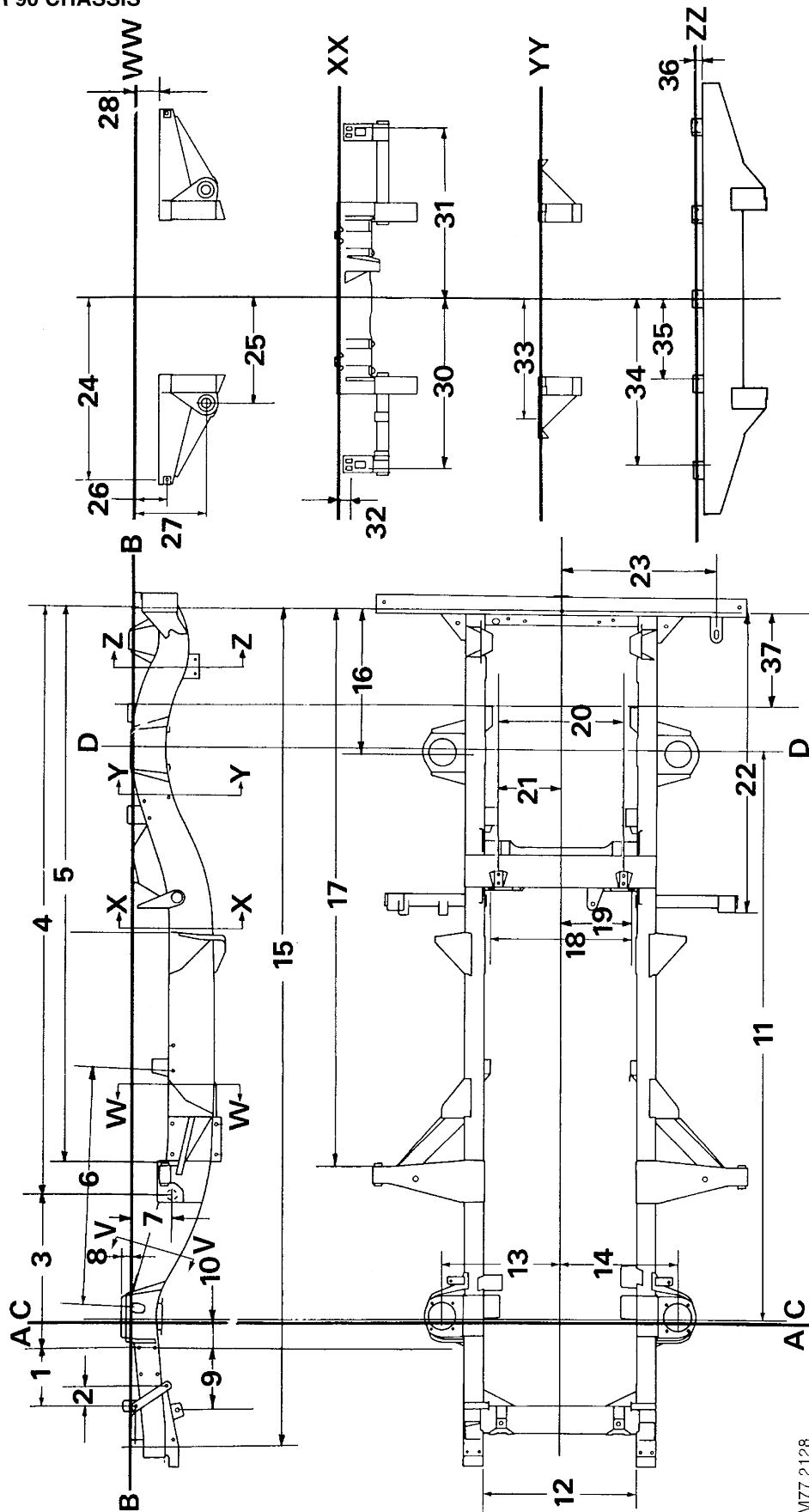


LAND ROVER 110

LR4412M



LAND ROVER 90 CHASSIS



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LAND ROVER 90

CHASSIS ALIGNMENT DIMENSIONS

A - Front Datum

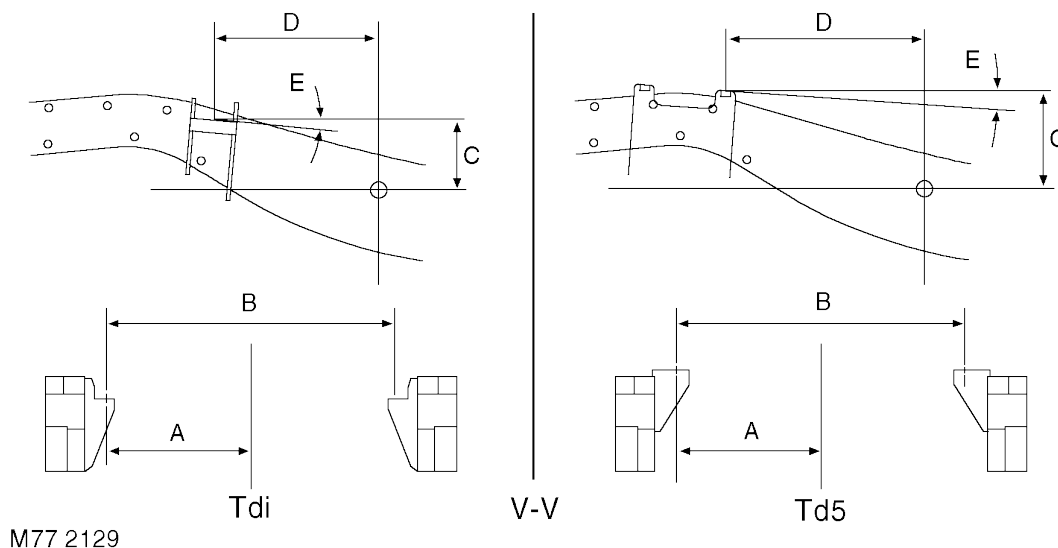
B - Chassis Datum

C - Front axle centre line

D - Rear axle centre line

1. 239,0 - 236,5 mm	10. 110 mm	24. 750,9 mm
2. 82,0 - 79,5 mm	11. 2360mm - Wheelbase	25. 439,5 - 436,5 mm
3. 633 mm	12. 636 - 634 mm	26. 136,5 mm
4. 2420,6 - 2418,6 mm	13. 488 - 482 mm	27. 299,5 - 295,5 mm
5. 2306,4 - 2305,4 mm	14. 488 - 482 mm	28. 103 - 100 mm
6. 981,2 - 978,7 mm	15. 3431,1 - 3426,1 mm	29. 131,5 - 126,5 mm
7. 182,7 mm	16. 588,3 - 586,3 mm	30. 705,5 - 704,5 mm
8. 41,5 - 37,0 mm	17. 2313,8 - 2311,8 mm	31. 705,5 - 704,5 mm
9. 252 - 250 mm	18. 590,5 mm	32. 42,2 - 40,2 mm
	19. 295,25 mm	33. 491 - 486 mm
	20. 519,30 - 517,30 mm	34. 594,2 - 593,4 mm
	21. 259,80 - 258,50 mm	35. 283,0 - 282,2 mm
	22. 1242,6 - 1240,6 mm	36. 32,25 - 31,25 mm
	23. 642,5 - 639,5 mm	37. 397 - 395 mm

Engine mounting dimensions - section V-V



Section V-V, Tdi and Td5 engine mounting bracket dimensions. The dimensions are applicable to all derivatives.

Tdi dimensions:

A = 276.5

B = 553

C = 127.9

D = 317.4

E = 4 degrees

Td5 dimensions:

A = 273.2

B = 546.5

C = 187.8

D = 374.3

E = 4 degrees