Start here.

(222 (a) The Information portrayer will be algreat importance to a mechanic as it holds critical information on the engines timing. When performing a timing belt change on a vehicle it needs to be war one how red percent perfect as it was the engine and intermines when inter companients such as values and pistons move in the cylinder. The information work greatly assurt the mechanic to performe this task to the best of their ability. (b) On a faur strake engine, value and comshaft timing is critical as it determines how the cor runs and operates in the engines face strakes. During production and testing monufacturer's attempt to find how the engine will non best according to its timing al values, and carnshaft and piston placements Thus resulting in a smooth running engine , if the timing is out by a certain amount of teeth or chain, the engine will ron ruff, affecting performance and fuel efficiency. However the most critican aspect al fallowing the manufacturer's specifications is that if the timing belt or chain is fittee Incorrectly, the timing will result In the pistons values altering the space of the pistons resulting In them colliding and major clomage being welt to the engine, this Is carry it is criticate to ensure the timing is in some with the Manufacturer's specifications.

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(C) On an overhead comshaft engine the comshaft is located on top of the ongine and abave the values, triagular lubes on the Shaft tom push clown on the values opening them in the combustion Chamber for Intalle and exhaust overtime these was or other issues may result to the cylinder head being removed and re fitted. The cam with sears timing set up consists are two shafty be one being driven by a belt or chain that turns the other shaft to open the other set al values. On the geors there are marks provided by the manufacturer to portrag where the teeth show sit with the two geors, usuas there is an arrow on both gears to invitate how the teeth should Sit with eachother for them to be in the correct timiny. A more will also be supplied by the manufactures on the crondeshaf, the mush allign with the conshaft timing, then the belt/chain can be appled to re lit the cam timing. Adjusting the value clearance is critical to the engines performance and efficiency, and and the timing we them is also criticore in rectory and potential cryine domage with collisons between value and piston in the composition chamber. A Meehanic Worth woord set up the and actust the volve clearance by observing the stake on have for your the wave goes take the combustion chamber resulty in the amound at intake one exhance is going in and carry out. The toped that the et comshalt pustes plan on can be machined as replaced to acisist the clearcress when refitting a conver here. Additional writing space on back page.

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