

This diagram illustrates the exploded view of a 125cc engine assembly, showing the relationship between various components. The parts are identified by red callout numbers:

- Top Section:** Includes the cylinder head (100), intake manifold (706), and carburetor (750). The air filter assembly consists of the air filter element (751) and the air filter housing (106).
- Middle Section:** Shows the crankshaft (805) and the timing chain drive components, including the timing chain (808), timing chain guide (809), and timing chain sprockets (601, 602, 603, 604).
- Bottom Section:** Displays the crankcase (101) and the crankshaft (132). The crankshaft is shown with the connecting rod (133) and the piston (151). The piston is shown with the piston rings (152) and the piston pin (153).
- Other Components:** Includes the oil pump (806), oil pump drive gear (807), oil pump housing (801), oil pump cover (802), oil pump shaft (803-1), oil pump shaft (803-2), oil pump housing (804), oil pump cover (805), oil pump shaft (806), oil pump housing (807), oil pump cover (808), oil pump shaft (809), oil pump housing (810), oil pump cover (811), oil pump shaft (812), oil pump housing (813), oil pump cover (814), oil pump shaft (815), oil pump housing (816), oil pump cover (817), oil pump shaft (818), oil pump housing (819), oil pump cover (820), oil pump shaft (821), oil pump housing (822), oil pump cover (823), oil pump shaft (824), oil pump housing (825), oil pump cover (826), oil pump shaft (827), oil pump housing (828), oil pump cover (829), oil pump shaft (830), oil pump housing (831), oil pump cover (832), oil pump shaft (833), oil pump housing (834), oil pump cover (835), oil pump shaft (836), oil pump housing (837), oil pump cover (838), oil pump shaft (839), oil pump housing (840), oil pump cover (841), oil pump shaft (842), oil pump housing (843), oil pump cover (844), oil pump shaft (845), oil pump housing (846), oil pump cover (847), oil pump shaft (848), oil pump housing (849), oil pump cover (850), oil pump shaft (851), oil pump housing (852), oil pump cover (853), oil pump shaft (854), oil pump housing (855), oil pump cover (856), oil pump shaft (857), oil pump housing (858), oil pump cover (859), oil pump shaft (860), oil pump housing (861), oil pump cover (862), oil pump shaft (863), oil pump housing (864), oil pump cover (865), oil pump shaft (866), oil pump housing (867), oil pump cover (868), oil pump shaft (869), oil pump housing (870), oil pump cover (871), oil pump shaft (872), oil pump housing (873), oil pump cover (874), oil pump shaft (875), oil pump housing (876), oil pump cover (877), oil pump shaft (878), oil pump housing (879), oil pump cover (880), oil pump shaft (881), oil pump housing (882), oil pump cover (883), oil pump shaft (884), oil pump housing (885), oil pump cover (886), oil pump shaft (887), oil pump housing (888), oil pump cover (889), oil pump shaft (890), oil pump housing (891), oil pump cover (892), oil pump shaft (893), oil pump housing (894), oil pump cover (895), oil pump shaft (896), oil pump housing (897), oil pump cover (898), oil pump shaft (899), oil pump housing (900), oil pump cover (901), oil pump shaft (902), oil pump housing (903), oil pump cover (904), oil pump shaft (905), oil pump housing (906), oil pump cover (907), oil pump shaft (908), oil pump housing (909), oil pump cover (910), oil pump shaft (911), oil pump housing (912), oil pump cover (913), oil pump shaft (914), oil pump housing (915), oil pump cover (916), oil pump shaft (917), oil pump housing (918), oil pump cover (919), oil pump shaft (920), oil pump housing (921), oil pump cover (922), oil pump shaft (923), oil pump housing (924), oil pump cover (925), oil pump shaft (926), oil pump housing (927), oil pump cover (928), oil pump shaft (929), oil pump housing (930), oil pump cover (931), oil pump shaft (932), oil pump housing (933), oil pump cover (934), oil pump shaft (935), oil pump housing (936), oil pump cover (937), oil pump shaft (938), oil pump housing (939), oil pump cover (940), oil pump shaft (941), oil pump housing (942), oil pump cover (943), oil pump shaft (944), oil pump housing (945), oil pump cover (946), oil pump shaft (947), oil pump housing (948), oil pump cover (949), oil pump shaft (950), oil pump housing (951), oil pump cover (952), oil pump shaft (953), oil pump housing (954), oil pump cover (955), oil pump shaft (956), oil pump housing (957), oil pump cover (958), oil pump shaft (959), oil pump housing (960), oil pump cover (961), oil pump shaft (962), oil pump housing (963), oil pump cover (964), oil pump shaft (965), oil pump housing (966), oil pump cover (967), oil pump shaft (968), oil pump housing (969), oil pump cover (970), oil pump shaft (971), oil pump housing (972), oil pump cover (973), oil pump shaft (974), oil pump housing (975), oil pump cover (976), oil pump shaft (977), oil pump housing (978), oil pump cover (979), oil pump shaft (980), oil pump housing (981), oil pump cover (982), oil pump shaft (983), oil pump housing (984), oil pump cover (985), oil pump shaft (986), oil pump housing (987), oil pump cover (988), oil pump shaft (989), oil pump housing (990), oil pump cover (991), oil pump shaft (992), oil pump housing (993), oil pump cover (994), oil pump shaft (995), oil pump housing (996), oil pump cover (997), oil pump shaft (998), oil pump housing (999), oil pump cover (1000).

This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or motor housing. The diagram shows the main housing (103) and its internal components, including a rotor (104) and a stator (105). The rotor is shown with its internal vanes (837) and a central shaft (834). The stator is shown with its internal vanes (839) and a central shaft (840). The diagram also shows the assembly of the housing (103) with the rotor (104) and stator (105). The assembly is shown in a disassembled state, with the components labeled with red numbers in triangles: 103, 104, 105, 153, 419, 420, 834, 837, 839, 840, 871, 833, 704, 837, 839, 840, 451, 705, 706, 707, 708.

[illegible]

This diagram shows an exploded view of a mechanical assembly. It includes various components such as a large outer housing, a central shaft, and multiple rings or washers. Red arrows indicate the assembly sequence. Two specific callouts are present: '302' points to a small ring, and '303' points to a larger ring. The diagram is set against a background with a large blue 'X' shape.

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Exploded view diagram of a mechanical assembly. The components are labeled with part numbers: 850-2, 854, 845-2, 655, 856, 610, 656, and 858. The diagram shows the assembly sequence and relative positions of the parts.

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