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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

SMALL ENGINE PARTS

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  V |  |  | 2M |  |  |  |  |  |  |  |  |  | 3C |
|  |  |  |  |  |  |  |  |  |  |  |  | 4C |  O |  N |  N |  E |  C |  T |  I |  N |  G |  R |  O |  D |  |  |  |  |  Y |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  R |  |  |  C |  |  |  |  |  |  |  |  |  |  L |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  N |  | 5C |  R |  A |  N |  K |  S |  H |  A |  F |  T |  |  I |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  O |  |  |  O |  |  |  |  |  |  |  |  |  |  N |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  R |  |  |  M |  |  |  |  | 6M |  | 7B |  |  |  D |
|  |  |  |  |  |  |  |  |  |  |  | 8I |  |  |  |  |  |  |  |  E |  | 9V |  |  |  U |  |  U |  |  |  E |
|  |  |  |  |  |  |  |  |  |  |  |  N |  |  |  |  | 10C |  |  |  T |  | 11A |  I |  R |  F |  I |  L |  T |  E |  R |
|  |  |  |  |  |  |  | 12C |  |  |  |  T |  |  |  |  |  L |  |  |  E |  |  L |  |  |  F |  |  B |  |  |  R |
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|  |  |  |  |  |  |  |  A |  |  | 16G |  A |  S |  O |  L |  I |  N |  E |  | 17C |  O |  I |  L |  |  |  |  |  |  |  |
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| **Across****4.** CONNECTS PISTON TO CRANKSHAFT**5.** THIS SHAFT ROTATES WHEN THE CYLINDER MOVES UP AND DOWN**11.** MAKES SURE ONLY CLEAN AIR ENTERS THE CARBURETOR**13.** DISTRIBUTES FUEL TO THE CYLINDER**14.** GENERATES THE SPARK TO IGNITE THE FUEL**16.** A FOUR-STROKE ENGINE BURNS **17.** THE MAGNET AND \_\_\_\_\_\_\_\_\_\_ WORK TOGETHER TO CREATE THE ELECTRICAL SPARK**18.** THIS VALVE IS CLOSED DURING THE COMPRESSION STROKE**19.** THIS VALVE OPENS TO ALLOW BURNED FUMES TO EXIT THRU THE MUFFLER | **Down****1.** KEEPS THE ENGINE RUNNING FASTER UNDER A LOAD**2.** A VALVE STEM CAN BE MEASURED WITH THIS**3.** ATTACHED TO THE CYLINDER SO NO AIR ESCAPES IN COMPRESSION**6.** QUIETS THE NOISE COMING OUT OF A SMALL ENGINE**7.** PUSH THIS TO PRIME THE ENGINE**8.** THIS VALVE OPENS TO ALLOW AIR TO ENTER THE CYLINDER**9.** VALVE STEM SLIDE THRU THIS**10.** THE DISTANCE BETEEN THE PISTON AND THE CYLINDER WALL**12.** THIS SHAFT ROTATES TO MOVE THE VALVES OPEN AND CLOSED**15.** YOU PULL THIS TO START MOST SMALL ENGINES |