



RITE ON TIME TIMING TOOL Instructions for use

Step 1

Remove spark plugs to ensure easy rotation of motor.

Step 2

Remove 3/8" Allen head screw plug from left side engine case. This will allow you to view flywheels and determine TDC (top dead center) which will be marked on flywheels (refer to manual for model and mark types)

Step 3

Once TDC (top dead center) has been determined, install spark plug and re-install 3/8" Allen head screw plug. Work on the left side is now complete!!

Step 4

Remove circuit breaker cam bolt and install patented RITE ON TIME 10/32" circuit breaker cam bolt. You will notice that the RITE ON TIME bolt is threaded on both ends. This is so indicator attachment can be installed later, in step 7.

Step 5

1. Remove top right gear cover screw (1.25 inch) thread length.
- a) Install shortest 1.25 inch RITE ON TIME degree plate mounting bolt.
2. Remove top left gear cover screw (1.75 inch) thread length
- b) Install longest RITE ON TIME degree plate mounting bolt.

REMEMBER: you are installing steel into aluminum

DO NOT OVERTIGHTEN!!

ALL MOUNTING BOLTS ARE NOTCHED SO THEY CAN BE TIGHTENED

Step 6

Both degree plate mounting bolts are now installed.

Install RITE ON TIME degree plate on mounting bolts ensuring that degree increments are facing out.

Secure degree plate to mounting bolts using the two 1/4 inch national course nuts provided.

REMEMBER: **DO NOT OVERTIGHTEN!!**

Step 7

Install indicator Wheel on to circuit breaker cam bolt. You have already determined TDC (top dead center). Set mark on indicator attachment at 0 degrees on the patented Rite On Time degree plate. Tighten to friction fit so indicator is secure.

REMEMBER: **DO NOT OVERTIGHTEN!!**

Step 8

You are now ready to set your timing to desired specifications. Timing light can now be installed. Timing can be set by loosening ignition backing plate screws and inserting flat common screw driver into adjustment slot and adjusting to timing and setting that is required. Once you have obtained the setting you desire, point backing plate screws can be tightened.

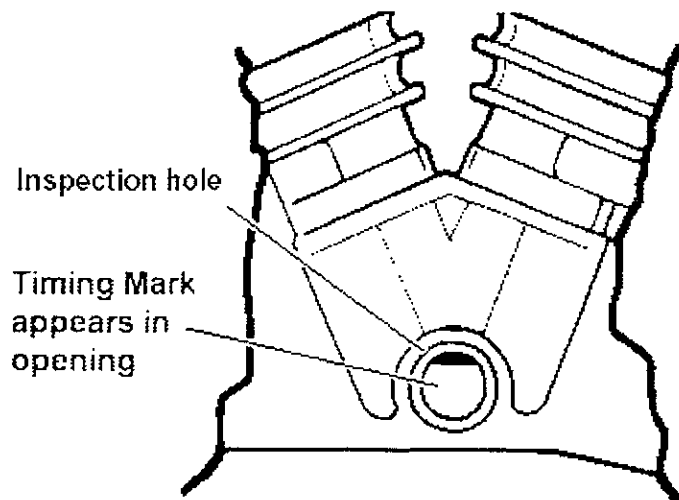
Step 9

You can now remove all the components of the RITE ON TIME timing tool and replace into the storage case.

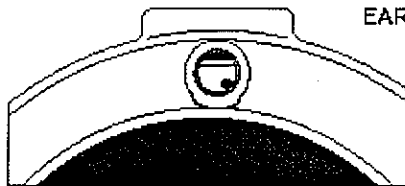
Reinstall all the stock components and parts to their original places.

REMEMBER: **DO NOT OVERTIGHTEN ORIGINAL COMPONENTS!!**

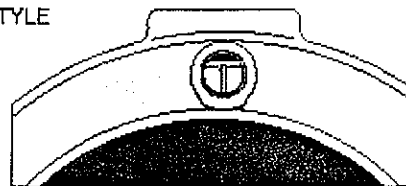
Manufactured in Canada



EARLY STYLE

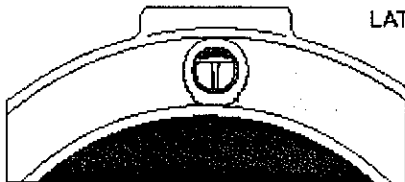


FRONT CYLINDER TDC MARK

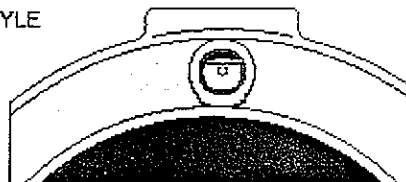


FRONT CYLINDER ADVANCE MARK

LATE STYLE

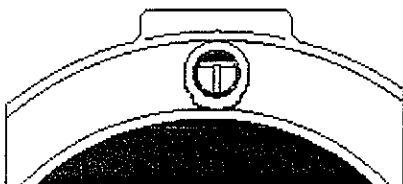


FRONT CYLINDER TDC MARK



FRONT CYLINDER ADVANCE MARK

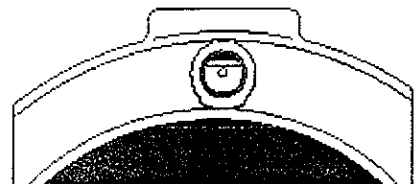
1996 AND LATER MODELS (1995 AND LATER EXPORT)



FRONT CYLINDER TDC MARK



FRONT CYLINDER 20°
MARK
DO NOT USE



FRONT CYLINDER 35° MARK