

Electronic Distributor 1941-71 MB - CJ

(134 – 4cyl) 12 Volt system only

<u>P/N: 923068 (17239.01)</u> Installation Instructions

Distributor includes the following items.

- (1) Distributor with electronic pick-up and control module
- (1) Distributor cap
- (1) Distributor Rotor.

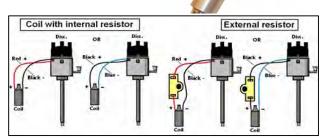
PLEASE NOTE: This distributor has been designed for use with a 12 volt system only. This distributor will not work with a 6 volt or a 24 volt system found in early CJ's, M38 and the M38-A1 Before staring engine make sure that a resistor has been installed. This can either be an external ballist resistor or a coil with an internal resistor.

The distributor has been designed to look like the original OE points type distributor from the outside. This includes the addition of the external oiling cup. This modern distributor has self lubricating bearings and does not need to be oiled like the original unit.

This cup has been added for looks only!

Step 1: Remove the sparkplug wires from old distributor.

Make note that the firing order for the distributor is 1-3-4-2. DO NOT REMOVE plug wires from spark plugs at this time. It will help if you mark these wires in relation to there firing sequence.



Step 2: Disconnect the old distributors wires.

Remove the old distributor per shop manual

instruction.

Step 3: Reinstall the new distributor as referenced per vehicle shop manual.

NOTE: because there is a possibility of the oil pump shaft and distributor drive gear not being in the true original timing orientation it will be necessary to reset your timing when the distributor is reinstalled. This distributor may not be set to the same timing orientation as the unit it is replacing. Spark plug wire placement to cap may differ depending on the relation of the rotor to No.1 pistons (Dead Top Center) on the compression stroke.

Step 4: Install lead wires from new distributor to coil.

The drawing to the right shows the most common wiring arrangements for the 134 4cyl motor (12volt).

Depending on date of manufacture for the new distributor the wiring codes are:.

RED = Positive, BLACK = Negative OR

Black = Positive, BLUE = Negative

An external resistor will be needed if used with a standard coil. A coil with an internal resistor can also be used.

NOTE: Some models may have slight variations regarding wire location and hook up. Please use a quality shop manual specific for your year and model for correct wire connection and timing specifications. The information presented here are for general reference only.

Step 5: After installing distributor it will be necessary to reset the timing to the new distributor.

To locate the firing position of No.1 piston, first remove No.1 spark plug and turn the engine until No.1 piston is moving up on the compression stroke. This will be evident due to the compression pressure being forced through the spark plug opening.

If distributor cap is installed remove and note orientation of rotor head. It will now be pointing to the No.1 position Reinstall the sparkplug wires in the 1-3-4-2 fire order. Please refer to shop manual for proper timing information.

REPLACEMENT PARTS:

Distributor Cap: (17244.02)

Distributor Rotor: (17246.02)

Ignition Module: (17252.05)

REVISED 1/27/09



LIMITED 90 DAY WARRANTY

Applies to Rugged Ridge by Omix-ada Inc. Products

Rugged Ridge Off Road (the Company) warrants to the original purchaser of this product that should the product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 90 DAYS from the date of original purchase, such defect(s) will be repaired or replaced or credited at the Company's sole option.

To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. Dated bill of sale), specification of defect(s) to the place of purchase or, with prior approval from the Company (Return Authorization Number is required), freight pre-paid to the Company address listed below.

This warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident or by acts of nature. THE EXTENT OF THE COMPANYS LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANYS LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

This Warranty is in lieu of all express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERHCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN THE PERIOD OF 90 DAYS FROM DATE OF ORIGINAL PURCHASE.

IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some States do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, so the above limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

Omix-ada Inc. 480 Horizon Dr. Suite 400 Suwanee, Georgia 30024