

Technical Service Bulletin



Dodge

Dodge Cars

Of Interest ☐ General Manager ☐ Sales Manager ☐ Service Manager ☐ Parts Manager ☐ Service Technicians

A warped air horn on the 1-1/2" BBD Carter carburetors as used on the 383-2 bbl. engines may cause a lean mixture and result in complaints of surge and stumble.

If previous Technical Service Bulletin corrections do not correct a lean condition or if an air horn is found to be warped during disassembly then the information in this bulletin will apply.

To determine if the air horn is warped, remove the air horn and place a straight edge across the lower gasket surface (next to main body) of the air horn in line with the air cleaner stud and parallel to the choke shaft. A warped air horn will show a low spot at the center of the air horn. If a .011 inch or thicker feeler gauge can be inserted between the straight edge and the air horn, warpage is excessive and the carburetor should be repaired with a Carter Service Package 3579031 as follows:

1. Check and adjust the float height to service manual specifications.
2. Discard the original air horn gasket and replace with the new thicker gasket 3579032 supplied in the kit.
3. Reinstall the air horn on the carburetor leaving out the two screws at A and B. See illustration on page 2.
4. Install the air cleaner stud.
5. Install pressure plate 3579034 with long attaching screws 3579035 and washers 3579033 (see illustration).
6. Tighten all screws evenly.

(Over)

Dec. 23, 1970

No. D71-14-2

FUEL

Engine Surge
and Stumble
Caused By
Warped
Air Horn

MODELS: 1968,
1969, 1970
and 1971
Models Equipped
With 383-2 bbl.
Engines and
1-1/2" BBD
Carburetors

P-3496-C

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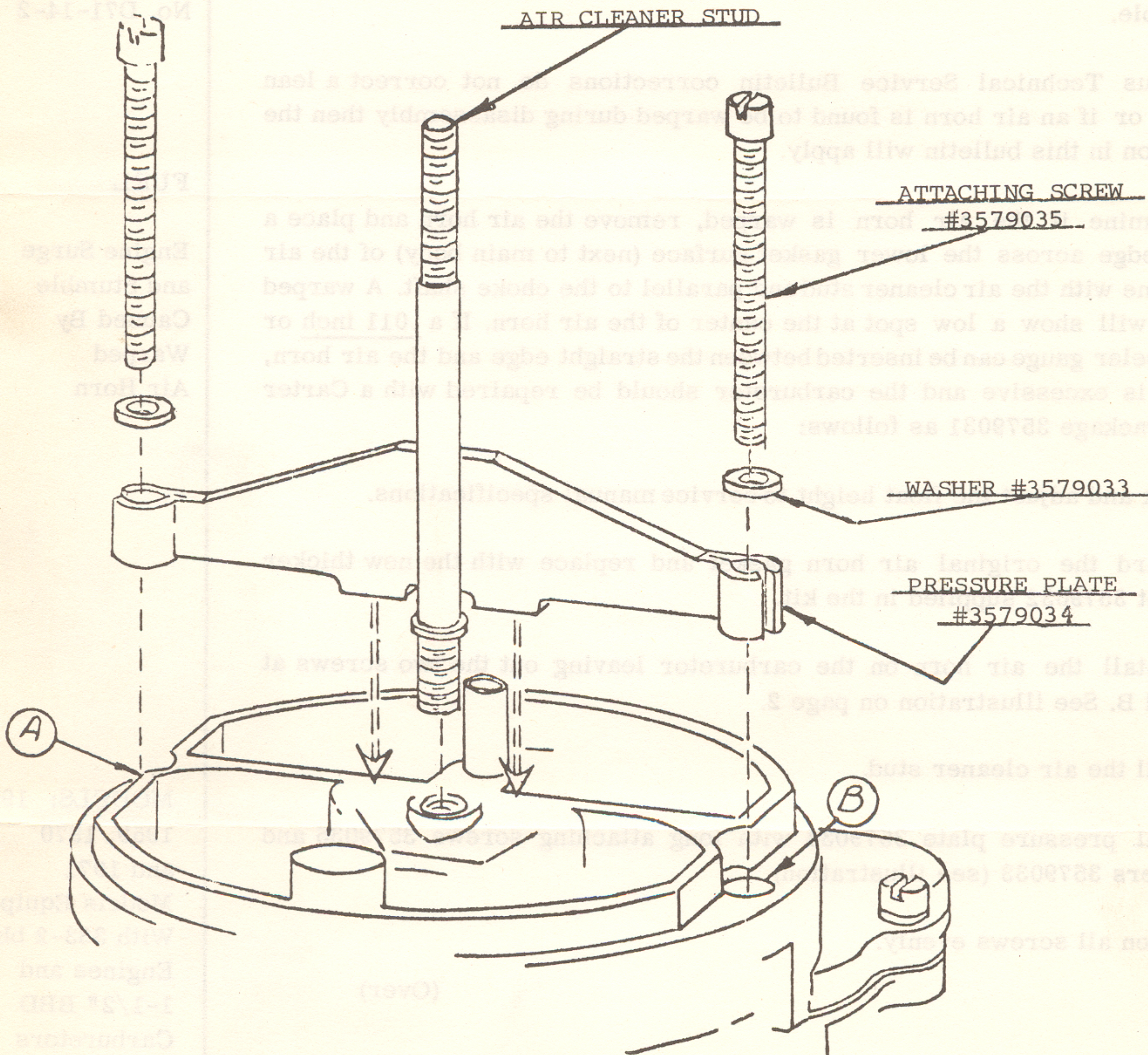
CHALLENGER / CHARGER / CORONET / DART / MONACO / POLARA

7. Check the accelerator pump and bowl vent setting.

At the time of these repair operations, the accelerator pump delivery should be checked. If two strong streams of fuel are not squirted across the venturi when the throttle is opened at a moderate rate, corrections should be made by flaring the pump leather, installing a new plunger, checking the check ball seat, or cleaning dirt from the discharge passages depending on the nature of the defect.

8. Reinstall the air cleaner and bowl vent hose if used.

9. Adjust the idle to decal specifications.



CARTER BBD 1-1/2" AIR HORN CORRECTION

Policy: Warranty Time Allowance

(Refer to Dodge Technical Service Bulletin No. D71-14-2). 0.5 Hr.

R. H. Kline

R. H. KLINE
Manager - Service
DODGE DIVISION