



SERVICE BULLETIN



SERVICE DEPARTMENT... CHRYSLER-PLYMOUTH DIVISION
CHRYSLER MOTORS CORPORATION

TECHNICAL INFORMATION ON IMPERIAL CHRYSLER PLYMOUTH VALIANT

The brake shoes on 1963 model Imperial cars are made of premium high strength steel in order to withstand the additional weight of Imperial models.

These shoes can be identified by having ten welds and the number "950" stamped on the web of the shoe.

The brake shoes on 1963 model Chrysler cars have only nine welds and no identification number on the shoe web.

It is important that only the brake shoes having the ten welds and the number "950" stamped on the shoe web be used on 1963 Imperial cars if shoe replacement becomes necessary.

We recommend that only new brake shoe and lining assemblies be used for replacement. The use of exchange relined sets is not recommended on Imperial cars.

Part number of the Imperial Brake Shoe and Lining Assemblies are as follows:

| <u>Part Number</u> | <u>Per Car</u> | <u>Size</u> | <u>Color Code on Side of Lining</u> |
|--------------------|----------------|-------------|--|
| 2405179 | (4) | 11 x 3" | 1 Black - 1 Orange (Primary All Wheels) |
| 2405129 | (4) | 11 x 3" | 1 Black - 1 Blue (Secondary All Wheels) |

Part numbers listed in this bulletin are stock code class "P".

POLICY: INFORMATION ONLY.

J. W. Farley
J. W. FARLEY
Manager-Service
CHRYSLER-PLYMOUTH

October 18, 1962

No. 63-13

BRAKES

SHOE
AND
LINING
ASSEMBLY

1963
IMPERIAL
MODELS

P-4293-C

| | |
|--------------|--|
| Service Mgr. | |
| Shop Foreman | |
| Technicians | |
| Parts Mgr. | |
| Partsmen | |



SERVICE BULLETIN



SERVICE DEPARTMENT... CHRYSLER-PLYMOUTH DIVISION
CHRYSLER MOTORS CORPORATION

TECHNICAL INFORMATION ON IMPERIAL CHRYSLER PLYMOUTH VALIANT

Any automatic transmission equipped car will move with the engine operating when the gearshift push buttons are engaged, if the service brakes or parking brake is not applied. This occurs because torque is transmitted to the drive train by the torque converter when the engine is operating.

One of the premium quality features of the 1963 Imperial is the automatic vacuum operated parking brake release. The parking brake will automatically release when it is intended to move the car, by depressing either the reverse or any of the forward drive buttons.

However, if it is intended to operate the engine and not move the car, with the reverse or drive buttons engaged, the service brake should be applied, or the rear wheels must be raised off the floor.

POLICY: INFORMATION ONLY.

J. W. FARLEY
Manager-Service
CHRYSLER-PLYMOUTH DIVISION

November 16, 1963

No. 63-17

BRAKES

PARKING
BRAKE

1963
IMPERIAL
MODELS

P-4594-C

| | |
|--------------|--|
| Service Mgr. | |
| Shop Foreman | |
| Technicians | |
| Parts Mgr. | |
| Partsmen | |



SERVICE BULLETIN



SERVICE DEPARTMENT... CHRYSLER-PLYMOUTH DIVISION
CHRYSLER MOTORS CORPORATION

TECHNICAL INFORMATION ON IMPERIAL CHRYSLER PLYMOUTH VALIANT

It has come to our attention that many service technicians are not properly adjusting the Duo-Servo service brakes and the rear wheel parking brakes on 1963 model cars. Incorrect adjustment can contribute to brake pull or drag.

To properly adjust the service brakes or parking brakes, proceed as follows:

Service Brakes

Raise the vehicle so all wheels are free to turn. Remove the rear adjusting hole cover from the backing plate on all of the brake supports of the vehicle. Be sure the parking brake lever is fully released, then back off the parking brake cable adjustment so that there is slack in the cable.

Insert the adjusting wrench, Tool C-3784, into the star wheel of the adjusting screw. Move the handle of the tool "downward" until a slight drag is felt when the road wheel is rotated. Insert a thin screw driver into the brake adjusting hole and push the adjusting lever out of engagement with the star wheel. Care should be taken not to bend the adjusting lever. Then back off the star wheel 12 notches. This will provide the necessary .012 inch clearance between the lining and drum which is required with this type brake. Each notch of the star wheel (when backing off) moves the lining away from the drum .001 inch. The adjustment must be equal on all wheels. Readjust the parking brake.

Parking Brake Adjustment

Release the parking brake lever, then loosen the cable adjusting nut to be sure the cable is slack. Then correctly adjust each rear wheel brake. (See above) Tighten the cable adjusting nut until a slight drag is felt, then loosen the cable adjusting nut until both rear wheels can be rotated freely. Then back off the adjusting nut two full turns. Apply the parking brake several times, then release and test to make sure that no drag is felt at either wheel.

POLICY: INFORMATION ONLY.

J. W. FARLEY
Manager-Service
CHRYSLER-PLYMOUTH DIVISION

Dec. 19, 1962

No. 63-44

BRAKES

SERVICE AND PARKING BRAKE ADJUSTMENT

1963
IMPERIAL,
CHRYSLER,
PLYMOUTH
AND
VALIANT
MODELS

P-5228-C

| | |
|--------------|--|
| Service Mgr. | |
| Shop Foreman | |
| Technicians | |
| Parts Mgr. | |
| Partsmen | |



SERVICE BULLETIN



SERVICE DEPARTMENT... CHRYSLER-PLYMOUTH DIVISION
CHRYSLER MOTORS CORPORATION

TECHNICAL INFORMATION ON IMPERIAL CHRYSLER PLYMOUTH VALIANT

MoPar linings are manufactured to the highest quality standards, and are used exclusively in MoPar Approved Cyclebond Shoe and Lining Assemblies. Therefore, these assemblies offer you the highest quality available in service replacement brake shoe and lining assemblies. To maintain this high standard of quality, MoPar Representatives are required to observe a schedule in forwarding to MoPar Product Development, brake shoes selected at random from the stocks of our MoPar Parts Wholesalers and Dealers. MoPar Technicians check these shoes for contact grind. These shoes are then forwarded to the Engineering Brake Laboratory and Proving Ground, where they are tested for the quality of the bond, cure, contact, and performance.

MoPar Approved Cyclebond Brake Shoe and Lining Assemblies are recommended for all service replacement, except:

On all Imperial models with Three Platform Total Contact, and Imperial models with Servo Contact Brakes, only new MoPar Shoe and Lining Assemblies should be used.

All replacements on all models under New Car Warrantanty, only new MoPar Shoe and Lining Assemblies should be used.

MoPar Approved Cyclebond Shoe and Lining Assemblies are warranted by the bonder to be free from defects in material and workmanship for 90 days or 4000 miles. Since MoPar lining is used in these assemblies, Chrysler Corporation warrants the lining to the bonder against defects in material.

The quality and reliability of service replacement parts substantially influences the owner's opinion of the dealer and of the Chrysler Corporation vehicle on which they are installed. Use the best. Use MoPar.

J. W. Farley
J. W. FARLEY
Manager - Service

CHRYSLER-PLYMOUTH DIVISION

March 6, 1963

No. 63-68

BRAKES

SHOE AND LINING ASSEMBLIES

ALL 1962
AND 1963
IMPERIAL,
CHRYSLER,
PLYMOUTH
AND
VALIANT
MODELS

P-928-C

| | |
|--------------|--|
| Service Mgr. | |
| Shop Foreman | |
| Technicians | |
| Parts Mgr. | |
| Partsmen | |