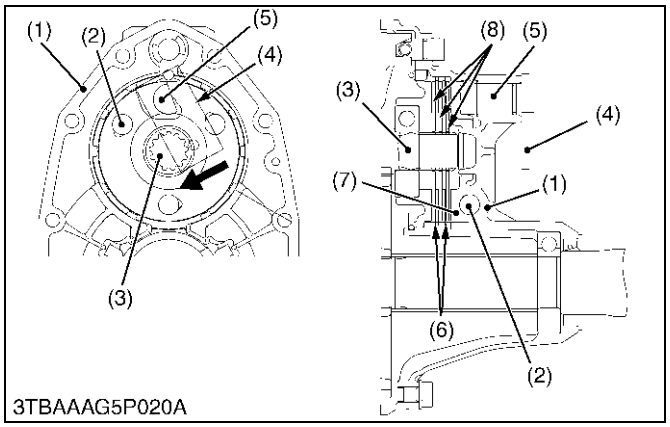
2. OPERATION



The brake body incorporated in the rear axle case (1) filled with transmission oil and is designed to brake when the brake disc (8) splined with the differential gear shaft (3) is pressed against the cam plate (7) by means of the cam mechanism incorporating steel balls (2).

For greater braking force, three brake discs are provided at the right and left sides respectively, and two friction plates (6) fixed to the rear axle case are arranged between the brake discs.

■ **During Braking**

When the brake pedal is pressed, the linkage causes the brake cam lever (4) and brake cam (5) to turn into the direction of arrow shown in the above figure.

Therefore, the cam plate (7) also moves to the direction of arrow. At this time, since the cam plate (7) rides on the steel balls (2) set in the grooves of the rear axle case to press the brake disc (8), the differential gear shaft (3) is braked by the frictional force generated by the cam plates (7) and brake discs (8).

(1) Rear Axle Case
(2) Steel Ball
(3) Brake Shaft (Differential Gear Shaft)
(4) Brake Cam Lever
(5) Brake Cam
(6) Friction Plate
(7) Cam Plate
(8) Brake Disc

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SERVICING

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