

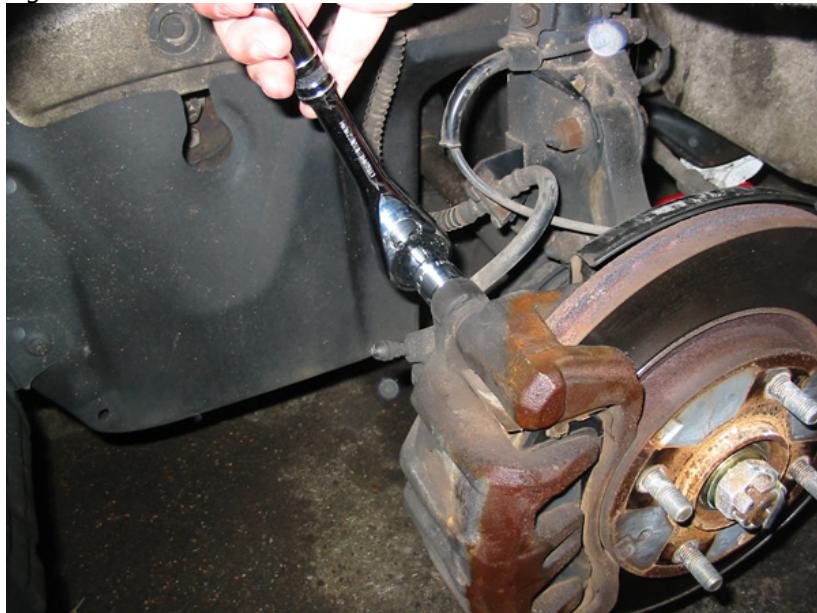
Front Brake Disk and Pad change

Model: 1995 Mitsubishi Lancer Evo 3 GSR

Steps to follow: 13

- 1) Jack up the car, support on axle stands and remove both front wheels.
- 2) Undo both caliper bolts that secure the caliper to caliper carrier (top bolt position shown in fig.1 – lower bolt in same position lower down)

Fig.1



- 3) The caliper will now slide away from the carrier, exposing the brake pads (Fig 2.)

Fig 2.



- 4) The caliper needs to be supported to prevent straining/damaging the brake hose, there are various ways you can do this – fixing with a Zip Tie to the spring is one way, or securing with Heavy duty plastic strip (used in parcel packaging) as we used below (Fig 3.), alternatively a block of wood should suffice.

Fig 3.



- 5) Remove and dispose of the brake Pads (both sides of disk) retain the metal shims. Locate both caliper carrier bolts, that secures the carriers to the wheel hub and remove. Top bolt shown below (Fig 4.) The Carrier can then be removed.

Fig 4.



6) To aid removal of the brake disk from the hub, used a lengthy adequately sized bolt, and insert into the two small pre-threaded holes – tightening will force the disk away from the hub (Fig 5.). When the disk is loose, remove by hand.

(on certain cars, the disk is secure by screws that require an impact screwdriver to remove.)

Fig 5.



7) Refit new disk (Fig 6.)

Fig 6.



8) Refit Caliper carrier and secure with the 2 carrier bolts, insert pads by clipping into the carrier, and replace metal shim on the outer pad (shown Fig.7)

Fig 7.



- 9) Now to refit the caliper, before this remember to recess the caliper pistons – these are the orangey round cylinders shown in Fig 8. the left piston is shown recessed and the one to the right in the normal position, these will require brute force with a breaker bar or similar to force in and may require a friend to help support the caliper. Failure to do this may result in the need to acquire a replacement brake master cylinder!



- 10) Replace the caliper and secure with the caliper bolts (reverse of removal).
- 11) Repeat the above for both sides, replace wheels and lower car back down.

- 12) Caution!: Before driving off and whilst the car is stationary pump the brake pedal it should change from being spongey to giving a firm resistance.
- 13) Bed the new brakes in as per the manufacturers instructions.