



CONCUSSION	REASONS	REMEDIES	SPOTTY WEAR / PILES EXPOSED DUE TO DEFECTIVE BRAKE DRUM	REASONS	REMEDIES
	Caused by impact against obstacle and overload.	Maintain correct load and inflation pressure, drive carefully specially on uneven rough roads.		A faulty braking system resulting in spotty wear & running the tyre in such conditions will result in wearing of tyres beyond piles.	Replace defective brake drum and avoid break jamming.
RIM DIGGING	REASONS	REMEDIES	NEGLECTED TREAD CUT SEPARATION	REASONS	REMEDIES
	Rim Digging is caused due to less inflation / overload or due to faulty / rusted rim edges. Generally occurs on fixed flange side.	Maintain correct load, inflation pressure, use new rims.		Neglected cuts extending in service may result in deep cuts which affect both tread and plies, causing separation.	Remove tyres for repairs and ensure that cuts do not extend into casing.
UNDER INFLATION DAMAGE / RUN UNDER INFLATED	REASONS	REMEDIES	TREAD CUT / CHIPPING	REASONS	REMEDIES
	When the tyre is run under inflation condition, the casing breaks circumferentially.	Maintain correct load and inflation, use new tube/flap in new tyre, repair nail cut. <small>CBU - Carcass Break Up</small>		Localised deep cuts affecting tread may result in excessive wear at one spot and chipping.	Timely removal of the tyre for spot repair can save tyre failure.
RUN UNDER INFLATION	REASONS	REMEDIES	EXTENSIVE TREAD CUT	REASONS	REMEDIES
	When the tyre is run under inflated for a long time, casing cords start lifting up from inside.	Maintain correct load and inflation pressure, repair the nail cuts and other cuts in time.		Extensive deep tread cuts are caused by sharp and loose objects	Care should be taken to ensure that cuts do not extend into casing. Timely removal of tyre for repairs can save the tyre from failure.
TREAD DAMAGE	REASONS	REMEDIES	OVER INFLATION WEAR	REASONS	REMEDIES
	Severe damage to tread are caused by mounting kerbs and broken roads.	Avoid mounting kerbs, drive slowly and carefully on bad roads.		Over-inflation can cause serious damage to casing at the centre of the tread.	Proper inflation pressure can protect the tyre from such damage.
EXCESS RUN TYRE	REASONS	REMEDIES	HEEL & TOE WEAR	REASONS	REMEDIES
	Excessively run tyre causes severe damage to casing plies.	Timely removal of the tyre for retreading at 85% wear can save a tyre from destruction.		Over load & under inflation, sagging suspension	Maintain correct load & inflation pressure, rotate tyres timely
SCORING DAMAGE	REASONS	REMEDIES	IMPACT BREAK	REASONS	REMEDIES
	Scoring damage on tread may cause due to wheel spinning.	Ensure careful driving to avoid wheel spinning.		Impact against an object, bumpy road, overload, over inflation or sudden braking in overload condition	Drive carefully, maintain correct load, inflation pressure and speed
LOCKRING DAMAGE	REASONS	REMEDIES	CC DUE TO EXTERNAL INJURY	REASONS	REMEDIES
	Lockring Damage is due to improper fitting of lockring. Bead wires are exposed from outside.	Rectify any defective rim component and ensure proper fitment of tyre.		Negligence in driving resulting shoulder injury	Drive carefully specially on curbs and bad roads & repair the damaged area before this stage
BURNT BEAD	REASONS	REMEDIES	NTC SEPARATION / BURST	REASONS	REMEDIES
	A faulty brake drum or brake drum jamming generates excessive heat which in turn will burn the beads & expose bead wires.	Replace faulty brake drum and avoid brake jamming.		Tread cuts neglected for longer time get extended to plies in service	Remove the tyre and repair immediately after the tread cut before this stage
DUAL TOUCHING	REASONS	REMEDIES			
	Overload or under inflation, improper dual spacing (Rim offset)	Maintain correct Load/inflation pressure, use only recommended rims			

*NTC - Neglected Tread Cut

SAVE TYRE SAVE MONEY