



ANDHRA PRADESH STATE ROAD TRANSPORT CORPORATION

MECHANICAL ENGINEERING DEPARTMENT

RTC HOUSE, VIJAYAWADA – 520013.

No. OP4/843(01)/2022-MED.

Date : 01.07.2022.

CIRCULAR No. 09/2022-MED, Dt :01.07.2022

Sub:-**VEHICLES**: Face lifting of Super Luxury, Ultra Deluxe and Express buses at Zonal Work Shops/ Depots for better appearance – Instructions issued– Reg.

- Ref:-1) Circular No.17/2012-MED, Dt: 17.07.2012.
2) Circular No.26/2012-MED, Dt: 31.12.2012.
3) Circular No.19/2015-MED, Dt: 27.11.2015.
4) Lr.No.TL8/843 (8)/2018-MED, Dt: 01.08.2018.
5) Circular No.10/2021-MED, Dt: 12.10.2021

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The Corporation is holding a fleet of 9000 RTC buses out of which 1258 are Super Luxury, 585 are Ultra Deluxe and 1117 are Express buses. As these products are having good patronage in public and the image of the Corporation depends on these buses in respect of their appearance, good condition and maintenance thereof, the Corporation is insisting to follow circular instructions to ensure better upkeep of the buses.

During 2021-22, vide circular 5th cited, face lifting of Pallevelugu and City buses was taken up and it was appreciated by the travelling public.

During the recent inspection of Depots, it is observed that most of the Super Luxury, Ultra Deluxe and Express buses are in shabby condition and operating with dents & scratches on the exterior panels, top corner dooms, front/rear FRP damages, top fixed glasses missing, seats are in damaged condition, footrests are missing, gas springs are not working etc. Further, the painting on some buses is peeled-off and is in faded condition. Lot of complaints are also being received daily through mails, CCC and media on the upkeep of these buses.

During the recent review meeting of Executive Directors and DPTOs, it was decided to take up face lifting of Super Luxury, Ultra Deluxe and Express Buses and MED shall issue detailed guidelines to take up the repairs to these Buses during slack season from July to December.

ZWS/NLR has taken up the task of face lifting of Express Vehicles with specific sanction and so far completed 27 Vehicles and there is a considerable improvement in the coach appearance after attention.

On the same lines, this year, it is proposed to take up face lifting of 462 Super Luxury, 248 Ultra Deluxe and 511 Express buses in the range of 7.00 - 10.00 Lakh kms. It is proposed to attend all 462 Super Luxury & 233 Ultra Deluxe (GI body) buses at ZWS level as GI Body equipment is not available at Depots. Ultra Deluxe (Al. body) & 511 Express buses attention shall be taken up at Depot level. The details of Super Luxury, Ultra Deluxe and Express buses proposed for attention are furnished at **Annexure – I**.

In view of the critical financial position of Corporation, it is necessary to complete the task with minimum cost and by utilizing all serviceable materials to the maximum extent to restrict the cost of repairs to the lowest extent.

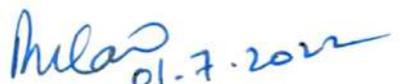
The list of repair works to be taken up to keep the repair costs as low as possible are listed at **Annexure – II**.

Therefore, all the Zonal EDs are advised to identify the Super Luxury, Ultra Deluxe and Express fleet in their Zones/Districts and plan the program of drafting the Vehicles and start the work w.e.f. July 2022 at respective Zonal Workshops/Depots with a view to complete all 1221 buses by 31st Dec'22.

The Executive Director (Zones) shall ensure the availability of material through Zonal Stores duly obtaining the funds from Head office well in advance. The progress of work in this regard shall be submitted fortnightly to Head Office.

The Executive Director (E) shall review the progress of Face-lifting of Super Luxury, Ultra Deluxe and Express vehicles regularly and see that the buses are maintained in good condition at all times.

Encl: Annexure-I & II


MANAGING DIRECTOR

Copy to: ED (A), ED (O), FA&CAO for information.

Copy to: All DPTOs, DyCMEs, WMs, COSs and DyCAOs(zone) for necessary action.

Copy to: Depot Managers and Garage In-charges for necessary action.

ANNEXURE - I

DISTRICT WISE VEHICLES TO BE ATTENDED

Express					ULTRA DELUXE							Super Luxury				
District	07-- 08	08-- 09	09-- 10	Total	GI BODY				AL. BODY			Grand Total	07-- 08	08-- 09	09-- 10	Total
					07-- 08	08-- 09	09-- 10	Total	08-- 09	09-- 10	Total					
AKP		3		3	1			1		3	3	4				
ANMA	7	5	11	23	15	7	1	23			0	23	1	11	4	16
ASR																
ATP	14	17	7	38	4	2	2	8			0	8	6	1	5	12
BPT	22	6	1	29	2			2			0	2	4	2		6
CTR	5	1	19	25	1			1			0	1	1		4	5
EG	16			16	1	1	4	6			0	6	9	4	7	20
ELR					1			1			0	1	3	5	3	11
GNT	6	8	5	19	3	11	1	15			0	15	7	5	3	15
KDP	5	3		8	8	7	3	18			0	18	12	5	10	27
KKD	3			3	8	4		12			0	12	10	1	6	17
KNSM	8	5		13	12	9	3	24			0	24	8	7	10	25
KRI	2	2	1	5	1			1	1	3	4	5		5	4	9
KRNL	8	11	6	25	5	4		9			0	9	7	12	10	29
MNYM	3	19		22	14	3		17			0	17				
NDL	4	7	4	15	5			5			0	5	5	14	8	27
NLR	19	28	4	51	3	3	1	7		2	2	9	21	29	19	69
NTR	1	4	1	6				0		2	2	2	26	8	12	46
PKSM	6	25	13	44	4	9	15	28			0	28	13	29	24	66
PLND	8	12	9	29	1	5	2	8		2	2	10	1	1	1	3
SKLM	16	12	5	33	11	8	5	24			0	24	2		2	4
SSAI	14	14	9	37									5	2	8	15
TPT	12	30	7	49	8		2	10			0	10	2	6	10	18
VSP	6	3		9	6			6		2	2	8	1		7	8
VZM	2	3		5	4	1		5			0	5	2			2
WG	2	1	1	4	2			2			0	2	1	4	7	12
Total	189	219	103	511	120	74	39	233	1	14	15	248	147	151	164	462

List of Bus body works for Express Buses	
S.no	Repair Works
	Coach works
1	Attention for riveting areas at pillars, waist & cant rail joint areas.
2	Repair/replacement of exterior panels on both sides.
3	Attention to Roof top sheet over lapping riveting areas, weather shield strip replacement to avoid roof leakage.
4	Repair /Replacement of hat-racks tubular sections
5	Attention to front-end structure, cowls, removal & fitment of Front wind screen glasses
6	Attention of rear end structure, removal & re-fitment of rear saloon glass
7	Attention to interior roof & side panels
8	Dashboard attention & replacement of sheet if required. All meters in Instrument cluster shall be available and in working condition.
9	Attention to Bonnet structure & Replacement of bonnet including sealing rubber if necessary.
10	Attention to Driver Cabin structure including pedal area, driver and saloon partition
11	Attention to seat frames & foundation bolts, Replacement of seat rexene, seat bottom cushions, back covers and proper fitment of seat bottom & back rests
12	Attention to Passenger, Driver and Emergency doors including locking mechanism
13	Attention to step well and passenger door pneumatic mechanism
14	Attention to flooring and side closed areas of side and rear luggage booths
15	Attention to all flap doors including locks
16	Attention to all body U clamps and L brackets
17	Attention to destination boards frames
18	Battery box repairs including cradle mechanism
19	Fluted strips have to be provided in the gang way in case the flooring becomes smooth. The chequered sheet may be replaced in case of damage
20	Attention to mid cant 'Z' section riveting areas and replace if required
21	Replacement of window guard rail pipes with brackets
	Electrical works
22	Ensure the working condition of battery cut off switch
23	Attention to body wiring harness.
24	Attention/repairs of amplifier, speakers and replace if required.
25	Wiper mechanism and wiper blade shall be changed if required.
26	All lights i.e. Head lights, Indicator lights, rear tail lamps, side lights, saloon lights, height markers etc. shall be in working condition.
27	Attention of Fuse box and all electrical connections. In case of joints, male & female jacks to be provided
28	Attention to spare wheel carrier
	Windows & Shutter Glasses

29	Removal & pasting of all window top fixed glasses
30	Attention to window shutter frames, sweep rubber sections, replacement of flock channel and provision of knobs to all window glasses
31	All window glasses shall be provided and shall slide freely
32	Attention/ replacement of rear-view mirrors and brackets.
	Miscellaneous works
33	Driver seat shall be checked for movement in all directions and to be replaced if necessary
34	Attention of Anti sag bar, out rigger and cabin foundation
35	Exterior body complete painting

B. **List of Bus body works for Ultra Deluxe Buses**

S.no	Repair Works
	Coach works
1	Replacement of rusted/broken pillars, waist & cant rails.
2	Replacement of stretch panel with new one on both LHS & RHS if required
3	Repair/replacement of modular panels on both sides as per the need
4	Roof top GI sheet repairs at welded joints & rusted areas, replacement of weather shield strip to arrest the roof leakage
5	Attention to roof luggage carrier
6	Repair of hat-racks including padding/Attention to tubular hat-racks
7	Attention to finishers at windows (both horizontal & vertical)
8	Attention of front-end GI structure & repairs/replacement of FRP including grill & bumper
9	Removal & re-fitment of Front wind screen glass
10	Attention to rear-end structure and repairs to FRP & bumper
11	Removal & re-fitment of rear saloon glass
12	Repairs of flooring vinyl and attention to chequered plywood(if necessary)/ Attention of Aluminium Chequered sheet flooring wherever applicable
13	Attention to trap doors above gearbox & rear axle
14	Attention of interior roof & side panels on need basis
15	Attention to dashboard area & replacement of FRP, if required
16	Instrument cluster shall be available and all meters are in working condition
17	Attention to Bonnet structure & Replacement of bonnet including sealing rubber if necessary.
18	Attention to Driver Cabin structure including pedal flooring area, Saloon partition
19	Replacement of seat fabric, seat bottom cushions, gas springs, pushback operating knobs, bottle holder, ABS back cover, arm rest pads, foot rests, head rest covers & valence finishers(if required)
20	Attention to destination boards frames/working condition of LED boards
21	Attention to Passenger, Driver and Emergency doors including locking mechanism
22	Attention to step well & passenger door pneumatic mechanism.
23	Attention to side flap doors including lifting (gas springs) & locking mechanism.
24	Attention to roof hatch including locking mechanism
25	Attention to flooring and side closed areas of side and rear luggage booths
26	Battery box repairs including cradle mechanism
	Electrical works
27	Attention to body wiring harness
28	All lights i.e. Head lights, Rear tail lamps, indicator lights, side marker lights, saloon lights, height markers etc. shall be in working condition.
29	Attention of Fuse box and all electrical connections. In case of joints, male & female jacks shall be provided.
30	Ensure the working condition of battery cut-off switch

31	Attention of Inverter and charging sockets
32	Attention of amplifier and speakers & replace if required.
33	Wiper mechanism and wiper blade shall be changed if required
	Windows & Shutter Glasses
34	Removal & pasting of all window top fixed glasses (replace the Z channel if required)
35	Attention of window shutter frame, replacement of flock channel, sweep rubber section & attention of window knobs etc.
36	All window glasses shall be provided and shall slide freely
37	Attention to Rear View Mirrors,
	Miscellaneous works
38	Attention of spare wheel carrier
39	Driver seat shall be checked for movement in all directions and to be replaced if necessary
40	Attention of Air suspension system i.e., bushes, leveling valves & pins etc shall be changed if required
41	Exterior body complete painting

List of Bus body works for Super Luxury Buses

S.no	Repair Works
Coach works	
1	Replacement of rusted/broken pillars, waist & cant rails.
2	Replacement of stretch panel with new one on both LHS & RHS if required
3	Repair/replacement of modular panels on both sides as per the need
4	Roof top GI sheet repairs at welded joints & rusted areas, replacement of weather shield strip to arrest the roof leakage
5	Attention to roof luggage carrier
6	Repair of hat-racks including padding
7	Attention to finishers at windows (both horizontal & vertical)
8	Attention of front-end GI structure & repairs/replacement of FRP including grill & bumper
9	Removal & re-fitment of Front wind screen glass
10	Attention to rear end structure and repairs to FRP & bumper
11	Removal & re-fitment of rear saloon glass
12	Repairs of flooring vinyl and attention to chequered plywood (if necessary)
13	Attention to trap doors above gearbox & rear axle
14	Attention of interior roof & side panels on need basis
15	Attention to dashboard area & replacement of FRP, if required Instrument cluster shall be available and all meters are in working condition
16	Attention to Bonnet structure & Replacement of bonnet including sealing rubber if necessary.
17	Attention to Driver Cabin structure including pedal flooring area, Saloon partition and partition door.
18	Replacement of seat fabric, seat bottom cushions, gas springs, pushback operating knobs, bottle holder, ABS back cover, arm rest pads, foot rests, head rest covers & valence finishers (if required)
19	Attention to destination boards frames/working condition of LED boards.
20	Attention to Passenger, Driver and Emergency doors including locking mechanism.
21	Attention to step well & passenger door pneumatic mechanism.
23	Attention to side flap doors including lifting (gas springs) & locking mechanism.
24	Attention to co-driver seat/berth, fabric & cushion. Attention to folding linkages and foot rest of co-driver berth/seat
25	Attention to roof hatch including locking mechanism
26	Attention to flooring and side closed areas of side and rear luggage booths
27	Battery box repairs including cradle mechanism
Electrical works	
28	Attention to body wiring harness
29	All lights i.e. Head lights, Rear tail lamps, indicator lights, side marker lights, saloon lights, height markers etc. shall be in working condition.

30	Attention of Fuse box and all electrical connections. In case of joints, male & female jacks shall be provided.
31	Ensure the working condition of battery cut-off switch
32	Attention of Inverter and charging sockets
33	Attention of amplifier and speakers & replace if required.
34	Wiper mechanism and wiper blade shall be changed if required
	Windows & Shutter Glasses
35	Removal & pasting of all window top fixed glasses (replace the Z channel if required)
36	Attention of window shutter frame, replacement of flock channel, sweep rubber section & attention of window knobs etc.
37	All window glasses shall be provided and shall slide freely
38	Attention to Rear View Mirrors,
	Miscellaneous works
39	Attention of spare wheel carrier
40	Driver seat shall be checked for movement in all directions and to be replaced if necessary
41	Attention of Air suspension system i.e., bushes, leveling valves & pins etc shall be changed if required
42	Exterior body complete painting