

FOREWORD

A message to hyundai lift truck operators	0-1
Introduction	0-2
How to use this manual	0-3
Ec regulation approved	0-5
Safety labels	0-6
Guide (Direction, Serial number, Symbols)	0-12

1. SAFETY HINTS

1. Daily inspection	1-1
2. Do's and don'ts	1-2
3. Seat belts	1-4
4. No riders	1-5
5. Pedestrians	1-6
6. Operator protection	1-7
7. Fork safety	1-8
8. Pinch points	1-9
9. Travel	1-10
10. Grades, ramps, slopes and inclines	1-11
11. Tip over	1-12
12. Surface and capacity	1-14
13. Parking	1-15
14. Refueling	1-16
15. Step	1-17
16. Operator's safety rules	1-18
17. Side shift	1-19

2. OPERATING HAZARDS

1. Loose loads	2-1
2. Long and wide loads	2-2
3. Rear swing	2-2
4. Low overhead clearance	2-3
5. Fast turns and high loads	2-3
6. Drop-offs	2-4
7. Right angle stacking	2-4
8. Chain slack	2-5
9. Pallets and skids	2-5
10. Caution for electrical lines	2-6

11. Lifting loads	2-7
12. Side shift	2-7
13. Fork positioner	2-9

3. KNOW YOUR TRUCK

1. General locations	3-1
2. Data/safety plates and decals	3-2
3. Instruments and controls	3-4
4. Cluster	3-5
5. Operating lever and switch	3-37

4. OPERATOR MAINTENANCE AND CARE

1. Daily safety inspection	4-1
2. Fuel safety practices	4-3
3. Engine oil service interval and management	4-4

5. STARTING AND OPERATING PROCEDURES

1. Before operating the truck	5-1
2. Check before starting	5-2
3. Check before starting engine	5-3
4. Seat adjustment	5-8
5. Starting from a safe condition	5-9
6. General starting and operating tips	5-10
7. Starting the engine	5-11
8. Check after starting engine	5-12
9. Levers and pedals	5-14
10. Operating safely	5-16
11. Load handling	5-18
12. Shut down procedure	5-24

6. EMERGENCY STARTING AND TOWING

1. How to tow a disabled truck	6-1
3. Parking brake release	6-3
4. How to use battery jumper cables	6-4

7. PLANNED MAINTENANCE AND LUBRICATION

1. Introduction	7-1
2. Safe maintenance practices	7-2
3. Instructions before maintenance	7-5

4. Planned maintenance intervals	7-8
5. Maintenance chart	7-12
6. How to perform planned maintenance	7-14
7. Replacement and check	7-17
8. Lubrication chart	7-33
9. Greasing point	7-34
10. Handling machine in extremely hot places	7-35
11. Cold weather operation	7-36
12. Storage	7-37
13. Transport	7-38
14. Loading and unloading by crane	7-39
15. Recommendation table for lubricants	7-40
16. Fuel and lubricants	7-41

8. SPECIFICATIONS

1. Specification table	8-1
2. Specification for major components	8-2
3. Tightening torque	8-4

9. TROUBLESHOOTING

1. Engine system	9-1
2. Electrical system	9-2
3. Torque flow system	9-3
4. Steering system	9-7
5. Brake system	9-8
6. Hydraulic system	9-9

10. TESTING AND ADJUSTING

1. Engine system	10-1
2. Drive system	10-4
3. Travel system	10-7
4. Steering system	10-8