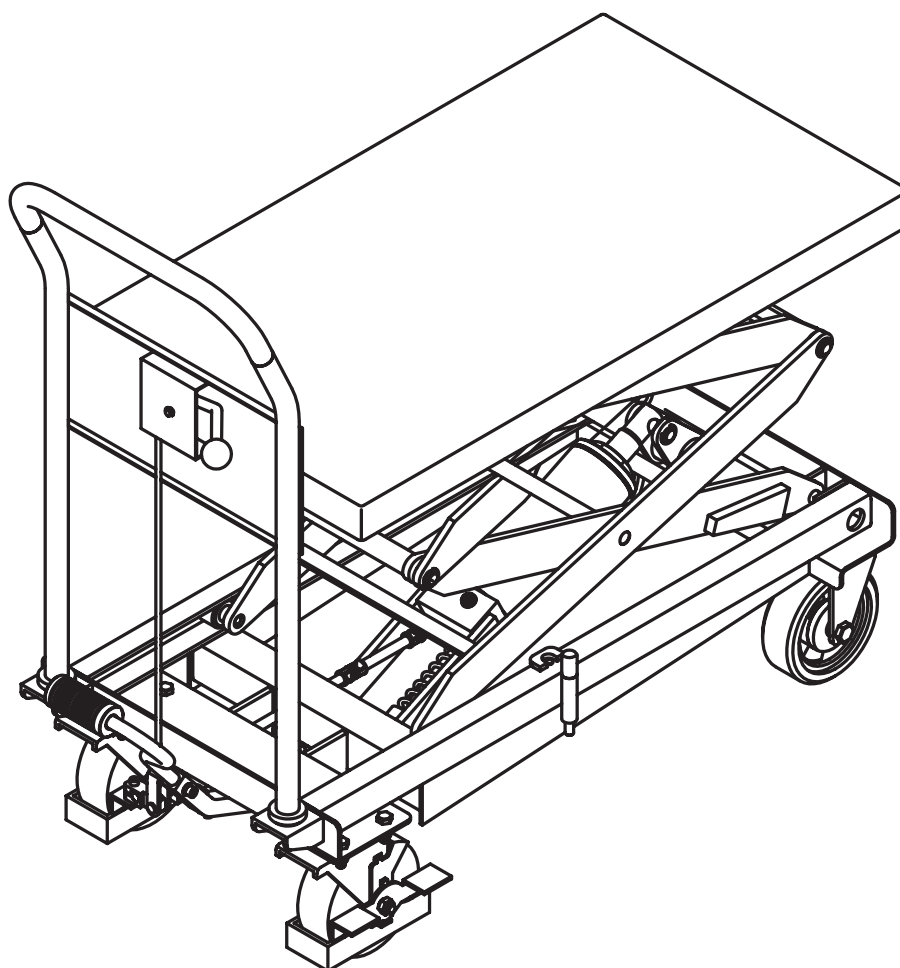


500KG

 **HIGH LIFT TABLE**



SAFETY GUIDELINES

WARNING: Ensure all Health and Safety, local authority and general workshop practice regulations and recommendations are strictly adhered to when lifting or moving heavy loads. The lifting or movement of heavy loads may be dangerous if not undertaken correctly.

- Familiarise yourself with the application and limitations, as well as the specific potential hazards peculiar to the truck
- Ensure that this equipment is cleaned after use and maintained in good condition.
- Replace or repair damaged parts. Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- Use a qualified person to lubricate and maintain the truck. Do not use brake fluid to top up hydraulic unit. Use hydraulic oil only.
- Keep the truck clean for best and safest performance. Do not use on tarmacadam when fully laden as the wheels may sink in.
- Use this equipment on flat, level, solid ground, preferably concrete. Ensure the floor over which the truck will be transported is swept clean and that there are no obstacles in the way during operation.
- Keep the work area clean, uncluttered and ensure there is adequate lighting.
- Keep children and non essential persons away from the loading/unloading and transporting area.
- Keep hands and body clear of the edge and underside of the platform when operating the truck.
- Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- Ensure the load is placed level and centrally on truck platform and if necessary strap load in place before attempting to lift, lower, or transport. When raised, check that the platform/load will not foul on the handle and/or your hand when lowering.
- Use the truck with diligence. Do not allow truck to knock into anything. Even when unladen, the truck is heavy and if misused could cause serious damage or personal injury. Continually monitor transportation, lifting and lowering operations.
- Take care to ensure you can view the way ahead when moving the truck. Take special care when approaching blind corners.
- Before lifting, check that there are no overhead obstructions.
- Engage the wheel locks before attempting to raise or lower the platform.
- **DANGER!** If a heavy load tips or leans: immediately stop what you are doing. Move quickly to a safe distance. Do not try to hold or steady a heavy load. Failure to follow this instruction may cause serious personal injury.
- Ensure the truck is fully lowered before attempting to transport a load.
- Before lowering the platform, ensure there are no obstructions underneath the platform and that all persons are standing clear of the truck.
- The lowering speed is a fixed rate regardless of the load weight. Stop lowering by releasing the valve control lever on the handle.
- **WARNING!** DO NOT exceed the rated capacity of the truck.
- DO NOT use the truck if a part is missing or damaged.
- DO NOT load the truck so that it is top-heavy. Ensure loads are evenly placed on the truck platform.
- DO NOT ride on the truck or allow any person to be transported on the truck.
- DO NOT use the truck for any purpose other than lifting, lowering and transporting loads.
- DO NOT allow truck to freewheel in transit. Always propel and control the truck by using the handle.
- DO NOT use the truck on sloping surfaces.
- DO NOT operate the truck when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- DO NOT allow children to operate the truck.
- DO NOT adjust or tamper with the hydraulic safety valve.
- DO NOT place any part of your body within or under the truck platform when raised.



WARNING:

No responsibility is accepted for incorrect use of this equipment. Incorrect use can result in damage to the equipment and danger to the user. Warranty will be void in the event of incorrect use. Hydraulic products are only repaired by Tundra Industrial authorised engineers. The warnings, cautions and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Disclaimer:

The information in this document is to the best of our knowledge true and accurate, but all recommendations or suggestions are made without guarantee. Since the conditions of use are beyond their control, Tundra Industrial @ disclaim any liability for loss or damage suffered from the use of this data or suggestions. Tundra Industrial @ reserve the right to change product specifications and warranty statements without further notification. All images are for illustration purposes only.

SPECIFICATIONS

Model Number	TUNLFTAB500-HL
Maximum Load:	500 Kilograms
Minimum Height:	360mm
Maximum Height:	1500mm
Table Size:	910mm x 510mm
Weight (NW/GW):	120kg / 128KG

PURPOSE

Hydraulic scissor type vehicle has the advantages of free lifting, flexible walking, convenient operation, beautiful style and no pollution. It can be widely used as a temporary working platform for goods handling in workshops, warehouses, freight yards and other small sites. It is an ideal tool to reduce fatigue strength, improve production efficiency and realize safe loading and unloading.

OPERATION

1. Step on the foot handle (1) repeatedly with the foot to lift the working platform.
2. When the control handle (2b) is pressed down (the folding handle is: hold the control handle (2a) upward), the working platform (4) will descend. The force of pressing down can control the descending speed. Release the control handle to restore the state, and the platform (4) can stop descending.
3. Before loading, the rear wheel brake (3) must be braked to avoid accidents.

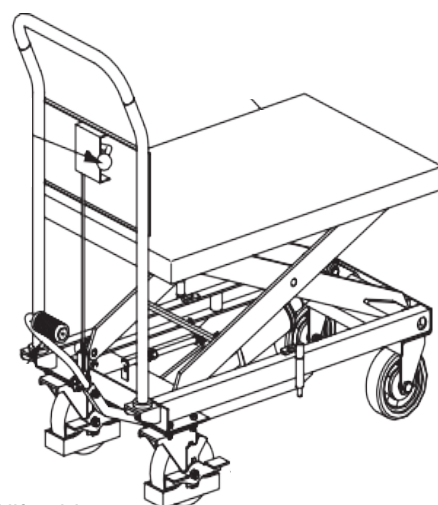


Diagram of lift table

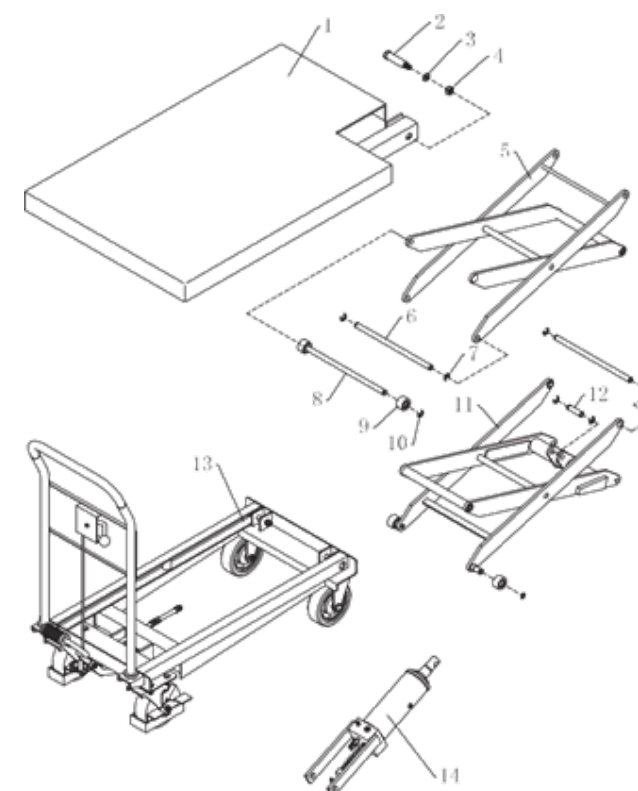
MAINTAIN

1. Each friction part must be filled with lubricating oil once a month.
2. Check the movement and friction of the wheel and keep the wheel in normal condition.
3. Check whether the rear wheel brake is effective.
4. Check the hydraulic cylinder for oil leakage

FAULT CAUSE ANALYSIS AND TROUBLESHOOTING

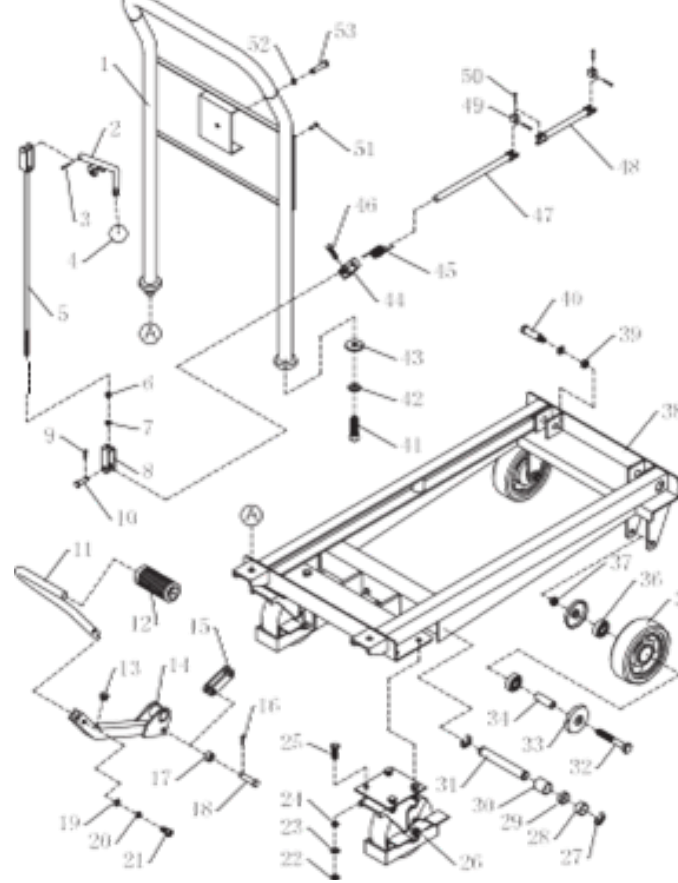
Fault.	Cause.	Processing method.
Platform cannot rise	-There is no oil in the cylinder -Oil drain screw or steel ball not in place	-Add hydraulic oil -Readjust or clean the drain screw or steel ball
The platform cannot stop at the rising position and slide down slowly.	Oil drain screw or steel ball not in place.	-Readjust or clean the drain screw or steel ball.
The platform cannot descend	-The YSD seal ring has been damaged -Loosen the universal joint and rotate freely -The drain screw is not open	-Replace YXD type sealing ring -Check if the universal joint is installed -Readjust the drain screw
Oil leakage at drain screw	-O-ring damaged	-Replace the O-ring
The platform truck cannot lift the rated weight	-The pressure regulating spring is invalid	-Replace the pressure regulating spring

PRODUCT EXPLOSION DIAGRAM AND BILL OF MATERIALS



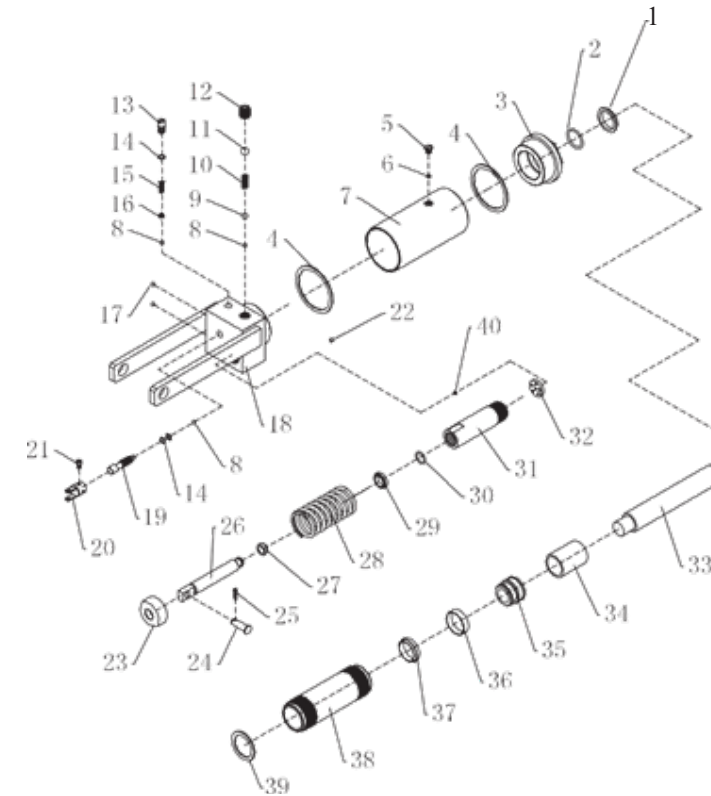
No.	Part Name	Qty
1	Platform plate weldment	1
2	Platform pin	2
3	Flat cushion ϕ 10	2
4	Jam nut M10	2
5	Lifting bracket weldment	1
6	Intermediate pin	2
7	Split ring ϕ 12	6
8	Long axis of roller	1
9	Roller	4
10	Shaft retaining ringHandle pull rod weldment 16	4
11	Lower lifting bracket weldment	1
12	Lifting rod pin	1
13	frame assembly	1
14	Cylinder assembly	1

FRAME ASSEMBLY DIAGRAM



No.	Part Name.	Qty.	No.	Part Name.	Qty.
19.	Flat cushion Φ 8	1	37.	Jam nut M12	2
20.	Spring pad Φ 8	1	38.	Frame weldment	1
21.	Hexagon socket screw M8 $\times$ 20	1	39.	Jam nut M10	2
22.	Nut M10	8	40.	Support pin	2
23.	Spring pad Φ 10	8	41.	Hexagon bolt M12 $\times$ 40	2
24.	Flat cushion Φ 10	10	42.	Flat cushion Φ 12	2
25.	Hexagon bolt M10 $\times$ 35	8	43.	Handle seat gasket	2
26.	Rear wheel sets	2	44.	Swing bar	1
27.	Split ring Φ 15	1	45.	Universal joint spring	1
28.	Mounting spacer of treadle (2)	1	46.	Hexagon socket screw M6 $\times$ 25	1
29.	Mounting spacer of treadle (3)	1	47.	Universal joint long rod	1
30.	Mounting spacer sleeve (1)	1	48.	Universal joint stub	1
31.	Cylinder seat pin	1	49.	Universal joint block	2
32.	Hexagon bolt M12 $\times$ 90	2	50.	Rivet 3 $\times$ 20	4
33.	Bearing cover	4	51.	Blind rivet Φ 5 $\times$ 16	6
34.	Bolt sleeve	2	52.	Split ring Φ 6	1
35.	front wheel	2	53.	Handle pin	1
36.	Bearing 6203	4			

CYLINDER ASSEMBLY



No.	Part Name.	Qty.	No.	Part Name.	Qty.
1.	Dust ring D32 $\times$ d41 $\times$ 3 / 6	1	27.	Y-ring d12 $\times$ D18 $\times$ 8	1
2.	O-ring d31.5 $\times$ 3.55	1	28.	Compression cylinder spring	1
3.	Cylinder nut	1	29.	Dust ring d18 $\times$ Φ 26 $\times$ 4.5/6	1
4.	Nylon flat pad	2	30.	O-ring D18 $\times$ 2.65	1
5.	Oil hole screw	1	31.	Compression cylinder	1
6.	O-ring D5 $\times$ 2.65	1	32.	Filter pad	1
7.	Cylinder barrel	1	33.	Lifting rod	1
8.	Steel ball $\leq$ Φ 6	3	34.	Limiting sleeve	1
9.	Steel ball $\leq$ Φ 9	1	35.	Piston sleeve	1
10.	Conical spring	1	36.	Wear resistant belt d40 $\times$ D38 $\times$ 10	1
11.	Steel ball $\leq$ Φ 12	1	37.	Y-ring d32 $\times$ D40 $\times$ 8	1
12.	Hexagon socket flat end set screw M16 $\times$ 16	1	38.	Lifting cylinder	1
13.	Pressure regulating screw	1	39.	Nylon flat pad	1
14.	O-ring D8 $\times$ 1.8	3	40.	Oil inlet screen	1
15.	Pressure regulating spring	1			
16.	Spring seat	1			
17.	Steel ball $\leq$ Φ 5	2			
18.	Oil valve plate	1			
19.	Oil drain screw	1			
20.	Universal joint	1			
21.	Hexagon socket screw M5 $\times$ 8	1			
22.	Magnet Φ 10 $\times$ 3	1			
23.	Spring cover	1			
24.	Compression rod pin	1			
25.	Split pin Φ 3 $\times$ 25	1			
26.	Compression bar	1			



USER MANUAL v1.0

TUNLFTAB500-HL

EU DECLARATION OF CONFORMITY

We, Tundra Industrial, as the authorised European Community representative of the manufacturer, declare that the following equipment conforms to the requirements of the following:

2006/42/EC (as amended): Machinery Directive

EN ISO 12100:2010: Safety of machinery - General principles for design - Risk assessment and risk reduction

EN ISO 3691-5:2015/A1:2020: Industrial trucks Safety requirements and verification Part 5: Pedestrian-propelled trucks

EN 1494:2000+A1:2008 : Mobile or movable jacks and associated lifting equipment

Equipment Category:	Hydraulic Platform Truck / Lifting Equipment
Product Name/Model:	TUNLFTAB500-HL - 500Kg HIGH LIFT Lift Table
Maximum Load:	500Kg

Signed by:	Stephen McIntyre
Position in the company:	Operations Director
Date:	16 JANUARY 2024

Technical file holder's address as shown below

Name and address of manufacturer or authorised representative:	Tundra Industrial, 24 Lisgorgan Lane, Upperlands, BT46 5TE
	Tel: +44 (0)1244 646 048 (UK) +353 (0)1473 0300 (ROI)

LIMITED WARRANTY STATEMENT

Tundra Industrial warrants its customers that its products will be free of defects in workmanship or material.

Tundra Industrial shall, upon suitable notification, correct any defects, by repair or replacement, of any parts or components of this product that are determined by Tundra Industrial to be faulty or defective.

This warranty is void if the equipment has been subjected to improper installation, storage, alteration, abnormal operations, improper care, unauthorised service or repair.

Warranty Period

Tundra Industrial will assume both the parts and labour expense of correcting defects during the stated warranty periods below. All warranty periods start from the date of purchase from an authorised Tundra Industrial dealer. If proof of purchase is not available from the end user, then the date of purchase will be deemed to be 3 months after the initial sale to the distributor.

1 Year

• **TUNLFTAB500-HL - 500Kg HIGH LIFT TABLE**

90 Days

• **All replacement parts purchased outside of the warranty period**

Important: All parts used in the repair or replacement of warranty covered equipment will be subject to a minimum of 90 days cover or the remaining duration of the warranty period from the original date of purchase.

Warranty Registration / Activation

You can register and activate your warranty by visiting the Jefferson Tools website using the following address: www.jeffersontools.com/warranty and completing the online form. Online warranty registration is recommended as it eliminates the need to provide proof of purchase should a warranty claim be necessary.

Warranty Repair

Should Tundra Industrial confirm the existence of any defect covered by this warranty the defect will be corrected by repair or replacement at an authorized Tundra Industrial dealer or repair centre.

Packaging & Freight Costs

The customer is responsible for the packaging of the equipment and making it ready for collection. Tundra Industrial will arrange collection and transportation of any equipment returned under warranty. Upon inspection of the equipment, if no defect can be found or the equipment is not covered under the terms of the Tundra Industrial warranty, the customer will be liable for any labour and return transportation costs incurred. These costs will be agreed with the customer before the equipment is returned.

Warranty Limitations

Tundra Industrial will not accept responsibility or liability for repairs made by unauthorised technicians or engineers. Tundra Industrial's liability under this warranty will not exceed the cost of correcting the defect of the Tundra Industrial products. Tundra Industrial will not be liable for incidental or consequential damages (such as loss of business or hire of substitute equipment etc..) caused by the defect or the time involved to correct the defect. This written warranty is the only express warranty provided by Tundra Industrial with respect to its products.

Any warranties of merchantability are limited to the duration of this limited warranty for the equipment involved. Tundra Industrial is not responsible for cable wear due to flexing and abrasion. The end user is responsible for routine inspection of cables for possible wear and to correct any issues prior to cable failure.



Claiming Warranty Coverage

The end user must contact Tundra Industrial (Tel: +44 (0)1244 646 048 (UK) / +353 (0)1473 0300 (ROI)) or their nearest authorised Tundra Industrial dealer where final determination of the warranty coverage can be ascertained.

Step 1 - Reporting the Defect

Online Method:

- Visit the website <https://jeffersonsontools.com/warranty-repairs> and complete the Warranty Returns form. You can complete the form online and submit it to us directly or download the form to print out and return by post.

Telephone Method:

Contact your Tundra Industrial dealer or sales representative with the following information:

- Model number
- Serial number (usually located on the specification plate)
- Date of purchase

A Warranty Returns form will be sent to you for completion and return by post or fax, together with details of your nearest authorised Tundra Industrial repair centre. On receipt of this form Tundra Industrial will arrange to collect the equipment from you at the earliest convenience.

Step 2 - Returning the Equipment

It is the customer's responsibility to ensure that the equipment is appropriately and securely packaged for collection. Please ensure that you include a copy of your proof of purchase. Please note that Tundra Industrial cannot assume any responsibility for any damage incurred to equipment during transit. Any claims against a third party courier will be dealt with under the terms & conditions of their road haulage association directives.

Step 3 - Assessment and Repair

On receipt, the equipment will be assessed by an authorised Tundra Industrial engineer and it will be determined if the equipment is defective and in need of repair and any repairs needed are covered by the warranty policy. In order to qualify for warranty cover all equipment presented must have been used, serviced and maintained as instructed in the user manual.

Where repair is not covered by the warranty a quotation for repair, labour costs and return delivery will be sent to the customer (normally within 7 working days). **Note:** If the repair quotation is not accepted Tundra Industrial will invoice 1 hour labour time at £30 per hour plus return carriage costs (plus VAT).

In cases where no fault can be found with the equipment, or, if incorrect operation of the equipment is identified as the cause of the problem, a minimum of 1 hour labour at £30 per hour plus carriage costs will be required before the equipment will be despatched back to the customer.

Any equipment repaired or replaced under warranty will normally be ready for shipment back to the customer within 7 working days upon receipt of the equipment at an authorised Tundra Industrial Repair centre (subject to part availability). Where parts are not immediately available Tundra Industrial will contact you with a revised date for completion of the repair.

General Warranty Enquiries

For any further information relating to Tundra Industrial warranty cover please call:

+44 (0)1244 646 048 (UK) / +353 (0)1473 0300 (ROI)

