



# TORNADO COIN SOCCER

## 2019 PARTS BREAKDOWN AND PHOTOS

### ONLINE VERSION

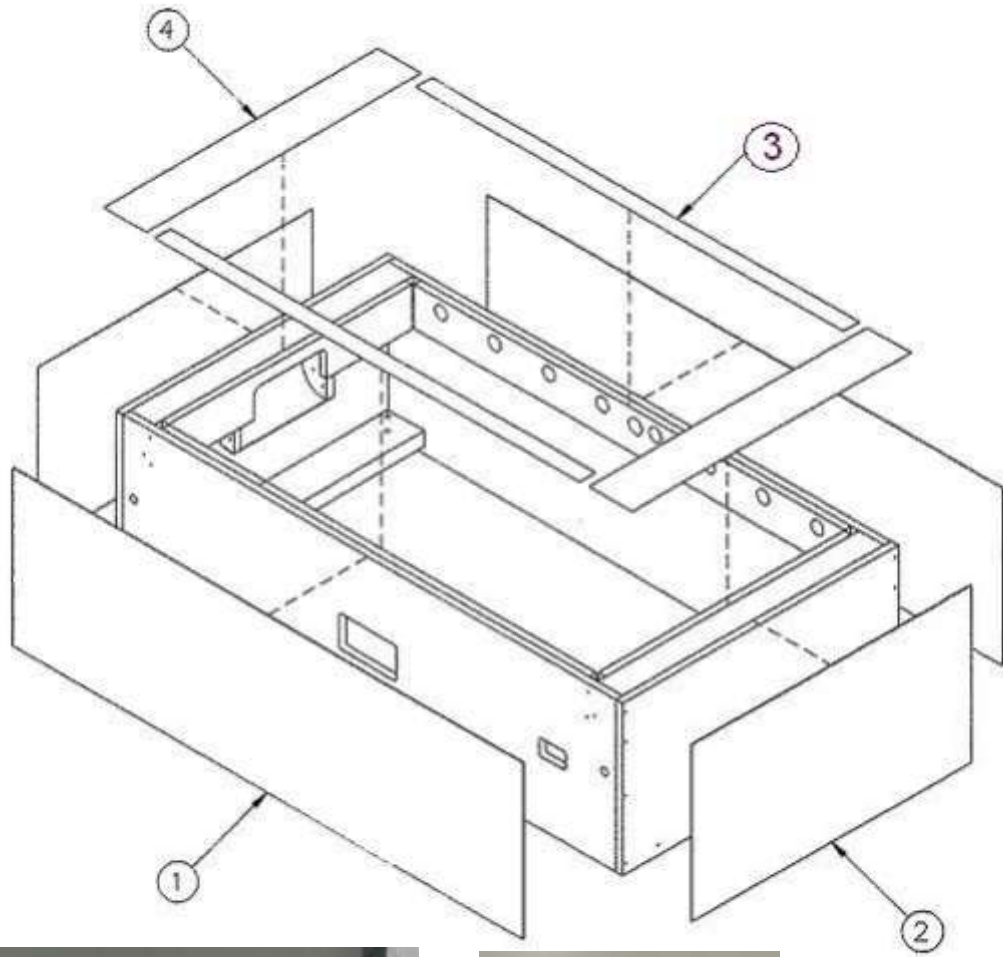


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# LAMINATE AND EXTERIOR

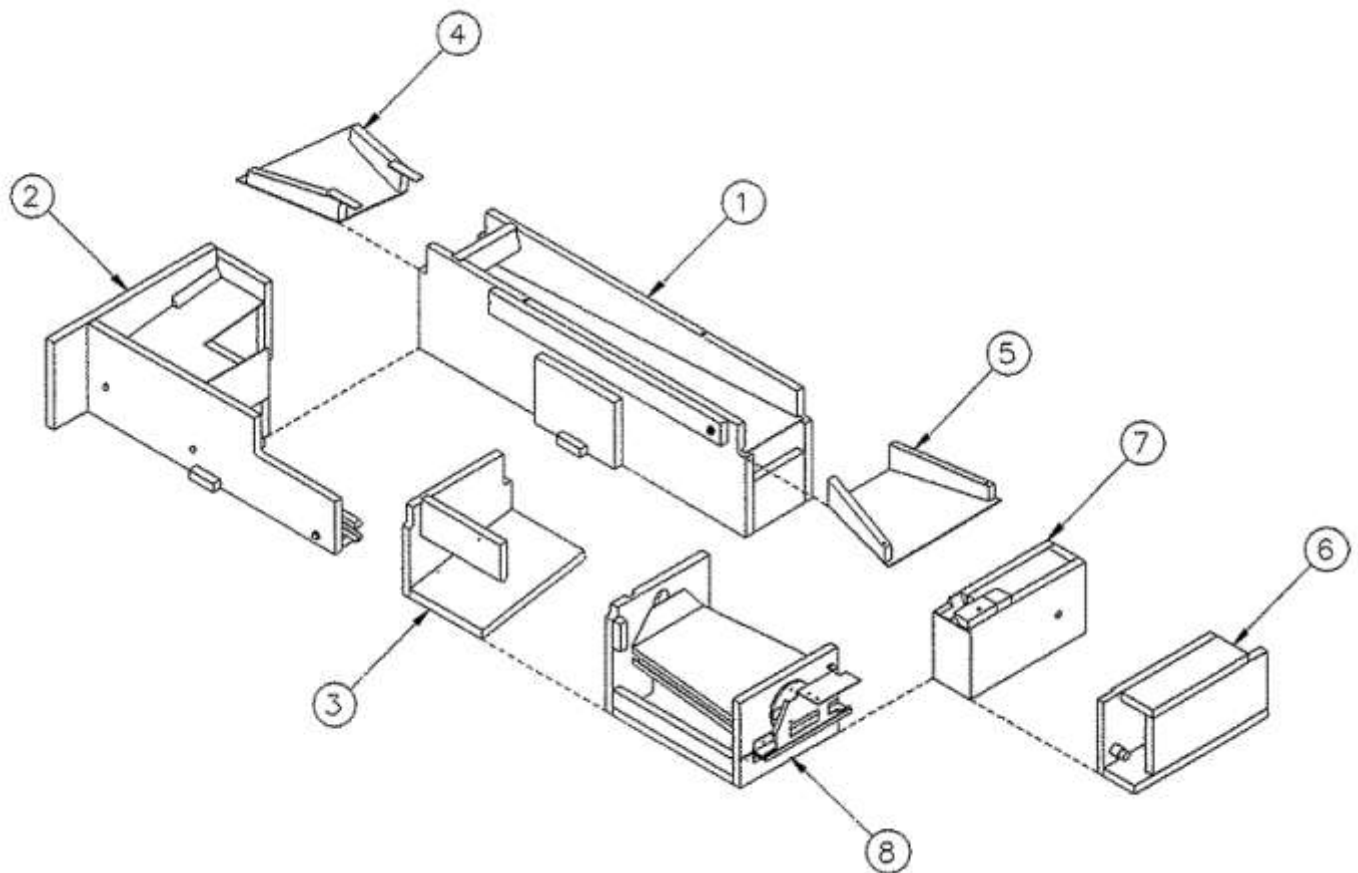
REF.	Part number	description
1	<a href="#">968060053</a>	SILVER METALLIC SIDE WALL LAMINATE
2	<a href="#">968060054</a>	SILVER METALLIC END WALL LAMINATE
3	<a href="#">21305080</a>	TOP SIDE BLACK LAMINATE (TRIM TO FIT)
4	<a href="#">21305090</a>	TOP END BLACK LAMINATE (TRIM TO FIT)
	<a href="#">860100141</a>	<b>TORNADO 20" TEXT INSIGNIA</b>
	<a href="#">860100138</a>	TORNADO ROUND LOGO PLATE
	<a href="#">21200620</a>	CABINET LOCK #90094
	<a href="#">21200680</a>	KEY ONLY #90094





## INTERNAL ASSEMBLIES

REF.	Part number	description
1	TSYOOTCR0	CENTER RAMP
2	TSYOOTTR0	TURN RAMP
3	<a href="#">TSYOORDR0</a>	READY RAMP
4	<a href="#">TSYOODRL0</a>	DIAMOND RAMP LEFT
*	NOT AVAILABLE	DIAMOND RAMP TAB
5	<a href="#">TSYOODRR0</a>	DIAMOND RAMP RIGHT
6	TSYOOCBL0	COIN BOX LOCKING ASSY
7	<a href="#">TSYOOCBA0</a>	CASH BOX ASSY
	21200610	CASH BOX LOCK (90095) W/KEY
8	<a href="#">TSYOOBTA0</a>	BALL TRAP ASSY



*\* Diamond Ramp tabs are just tiny pieces of scrap fiberboard. The envelope we would mail them in would cost more than the part. Most any piece of scrap wood, laminate, fiberboard, thick cardboard, business card or stale cookie works just fine.*



# INTERNAL ASSEMBLIES



1) Center Ramp  
TSYOOTCR0



2) Turn Ramp  
TSYOOTTR0



3) Ready Ramp  
TSYOORDR0



4) Diamond Ramp Assy—Left  
TSYOODRL0



5) Diamond Ramp Assy—Right  
TSYOODRR0



6) Coin Box Locking Assembly  
TSYOOCBL0



7) Cash Box Assembly  
TSYOOCBA0

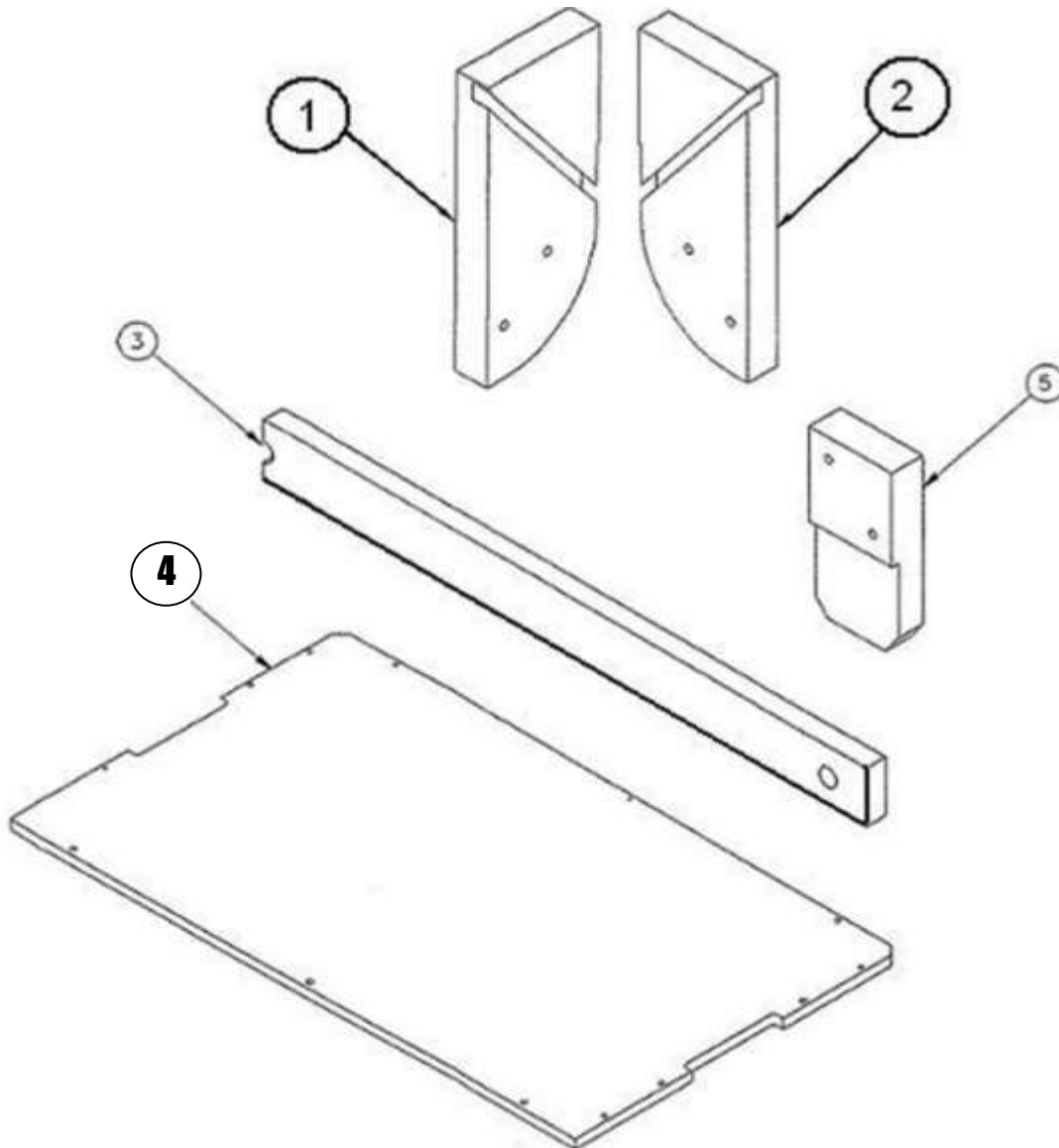


8) Ball Trap Assembly  
TSYOOBTA0



## MISCELLANEOUS WOOD PARTS

REF.	Part number	description
1	<a href="#">11200170</a>	GOAL BOX LEFT SIDE
2	<a href="#">11200180</a>	GOAL BOX RIGHT SIDE
3	<a href="#">968060080</a>	PROP STICK
4	<a href="#">TSYOOSPS2</a>	PLAYFIELD (COIN OP SOCCER)
<i>PLAYFIELDS ARE OVERSIZED AND CRATED FOR SHIPPING—EXPECT ADDITIONAL CHARGES</i>		
	ni20100260	PLAYFIELD SCREW #8 x 2½
	20606850	PLAYFIELD SUPPORT
5	<a href="#">968060260</a>	LOCK TONGUE
	ni20100120	LOCK TONGUE SCREW #10 x 1¼





## MISCELLANEOUS WOOD PARTS



1) Goal Box Left Side  
11200170



2) Goal Box Right Side  
11200180



3) Prop Stick  
968060080



5) 968060260  
Lock Tongue  
(drill lock hole to fit)

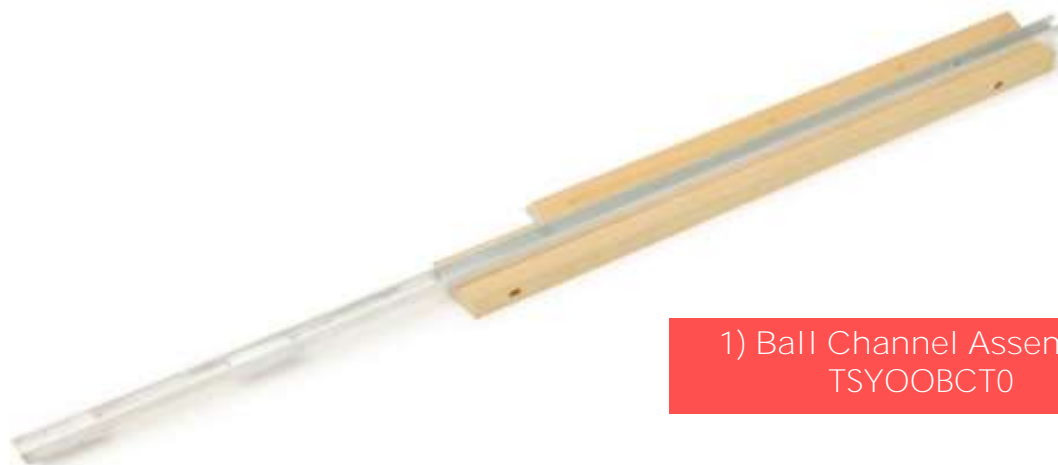
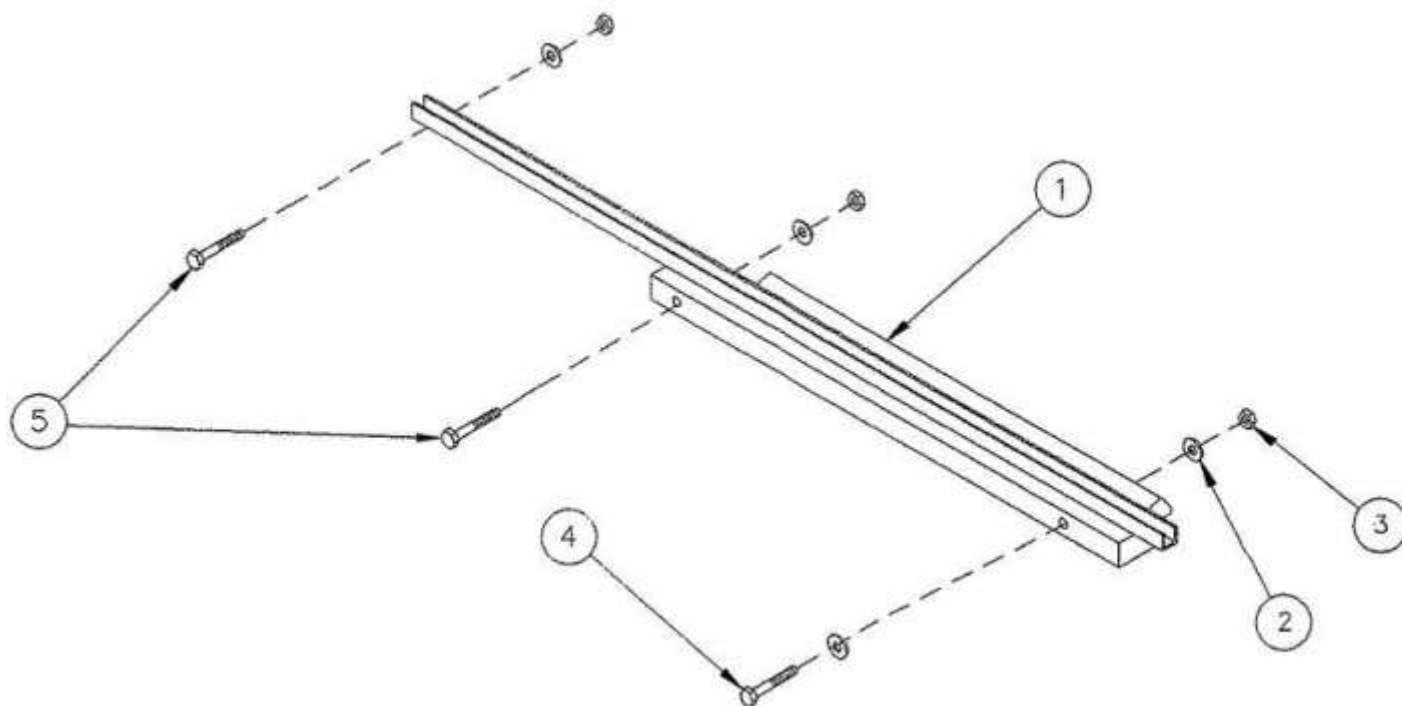


4) TSYOOSPS2  
Playfield



## BALL CHANNEL ASSEMBLY

REF.	Part number	description
1	TSYOOBCT0	BALL CHANNEL ASSEMBLY
2	ni870060105	WASHER
3	ni20300860	BALL CHANNEL NUT 10-32
4	ni20201230	BALL CHANNEL BOLT ¼-20 x 3
5	ni20201480	BALL CHANNEL BOLT ¼-20 x 3½

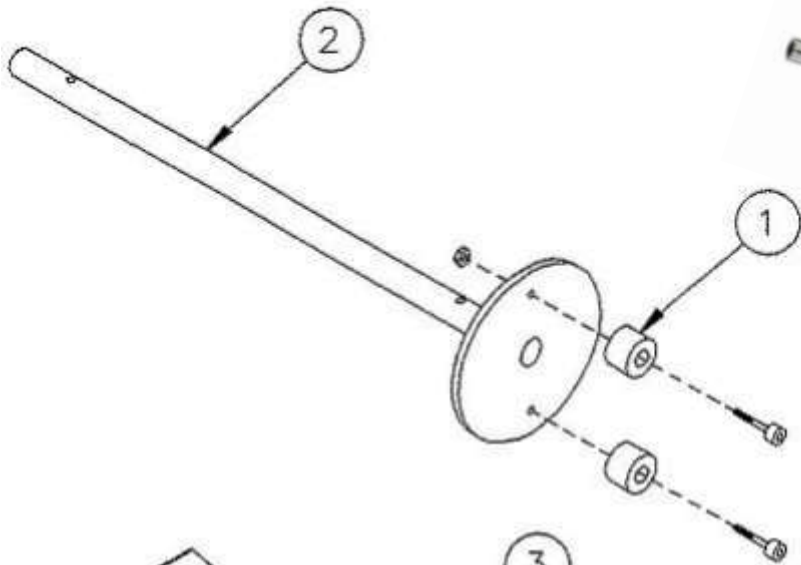


1) Ball Channel Assembly  
TSYOOBCT0

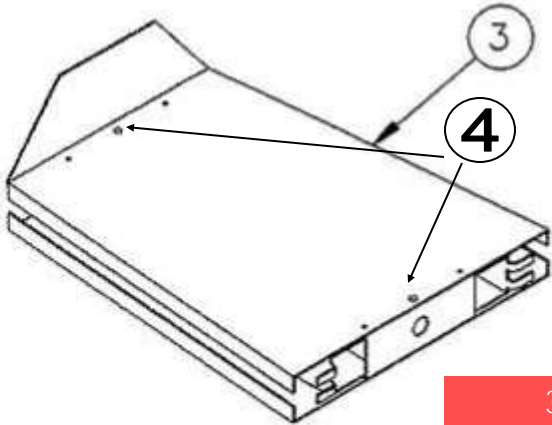


# BALL TRAP

REF.	Part number	description
	<a href="#">TSYOOBTA0</a>	BALL TRAP ASSEMBLY (COMPLETE) (SEE PAGE K3, ITEM 8)
1	20606690	SHOULDER BOLT BEARING
	20201260	SHOULDER BOLT ¼-20 x 5/16-¾
	870055105	SHOULDER BOLT NUT ¼-20
2	<a href="#">TSYOOBTA00401</a>	BALL TRAP ROD ASSEMBLY
3	<a href="#">TSYOOBTA00501</a>	BALL TRAP
4	20201240	10-32 SOCKET HEAD CAP SCREW
4	20300860	10-32 NYLOCK NUT



2) Ball Trap Rod Assembly  
TSYOOBTA00401



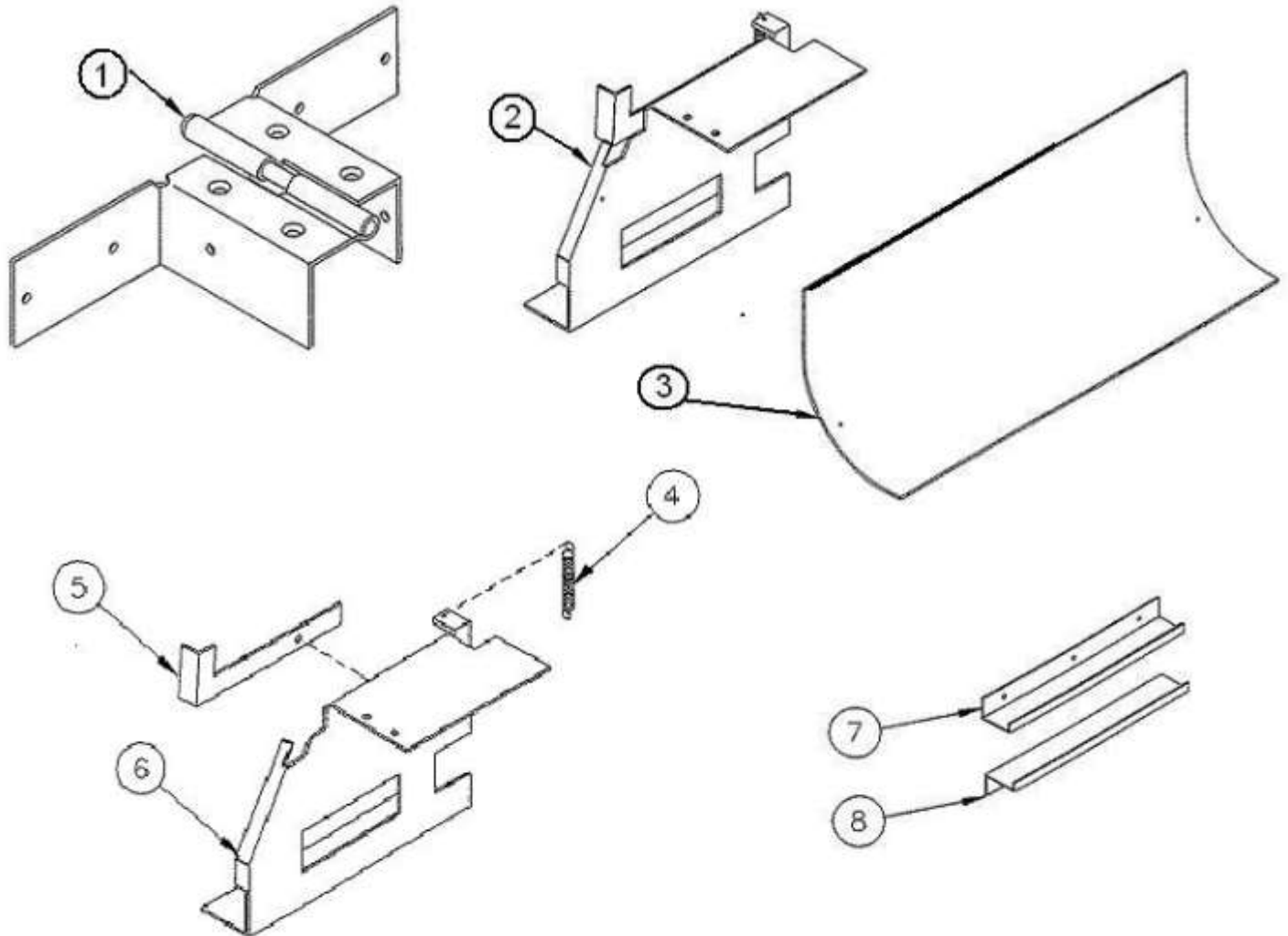
3) Ball Trap  
TSYOOBTA00501





# MISCELLANEOUS METAL PARTS

REF.	Part number	description
1	<a href="#">720100200</a>	HINGE ASSEMBLY
	20100260	#8 x 2½" FLAT HEAD PHIL (4 PER HINGE)
	20100360	#8 x ¾" HEX HEAD (8 PER HINGE)
2	<a href="#">TSYOOBTA00301</a>	BALL TRAP GATE ASSEMBLY
3	<a href="#">20606611</a>	GOAL BOX DEFLECTOR
4	21706590	GATE ARM SPRING
5	20606680	GATE ARM
6	20606671	PUSH CHUTE END
7	20606651	GATE TOP GUIDE
8	20606660	GATE BOTTOM GUIDE





## MISCELLANEOUS METAL PARTS



1) Hinge Assembly  
720100200



2) Ball Trap Gate Assembly  
TSYOOBTA00301



3) Goal Box Deflector  
20606611



4) Gate Arm Spring  
21706590



5) Gate Arm  
20606680



6) Push Chute End  
20606671



7) Gate Top Guide  
20606650



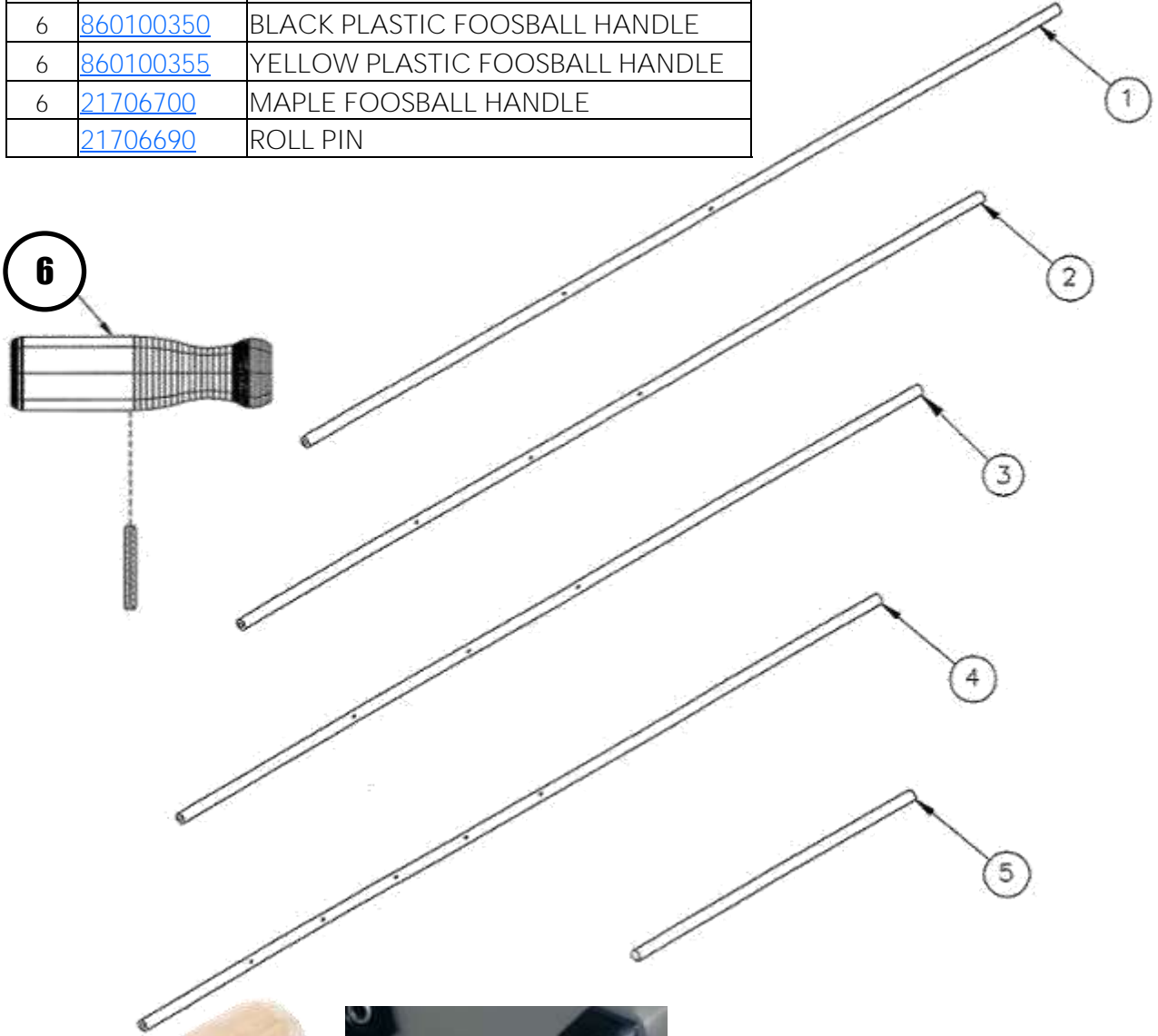
8) Gate Bottom Guide  
20606660

**TORNADO**



**FOOSBALL RODS AND HANDLES**

REF.	Part number	description
1	<a href="#">20606811</a>	2-MAN ROD (48 <sup>3</sup> / <sub>8</sub> " )
2	<a href="#">20606821</a>	3-MAN ROD (43 <sup>3</sup> / <sub>8</sub> " )
3	<a href="#">20606831</a>	GOALIE ROD (41 <sup>1</sup> / <sub>2</sub> " )
4	<a href="#">20606841</a>	5-MAN ROD (38 <sup>3</sup> / <sub>8</sub> " )
5	<a href="#">20607500</a>	OLD-STYLE SCORE POST ROD (6 <sup>1</sup> / <sub>8</sub> " )
6	<a href="#">860100350</a>	BLACK PLASTIC FOOSBALL HANDLE
6	<a href="#">860100355</a>	YELLOW PLASTIC FOOSBALL HANDLE
6	<a href="#">21706700</a>	MAPLE FOOSBALL HANDLE
	<a href="#">21706690</a>	ROLL PIN



Maple Handle  
21706700

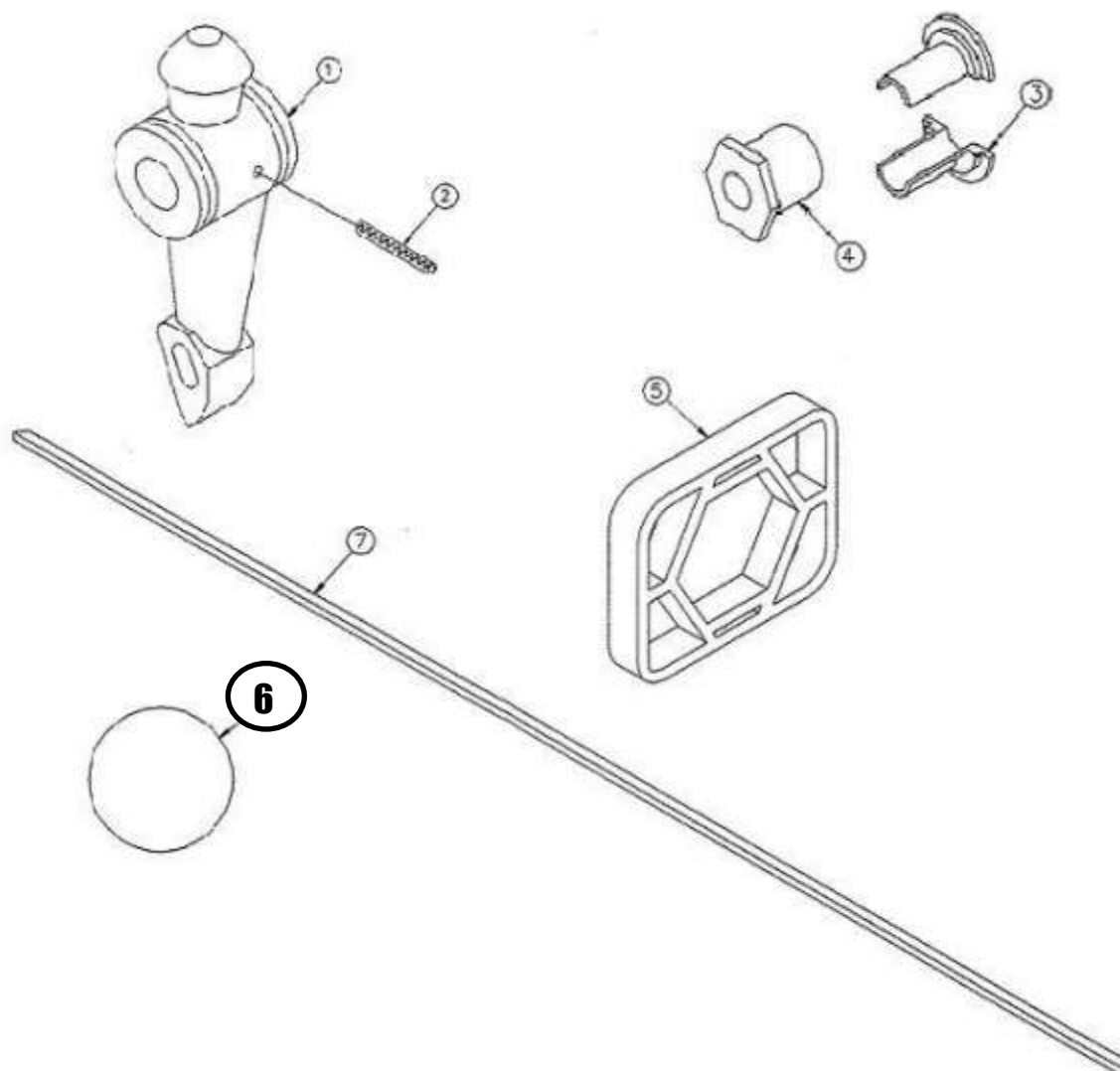


Yellow Plastic Handle  
860100355



## MISCELLANEOUS PLASTIC PARTS

REF.	Part number	description
1	<a href="#">20515223</a>	BLACK ABS FOOSBALL PLAYER
1	<a href="#">20515233</a>	YELLOW ABS FOOSBALL PLAYER
	<a href="#">20515280</a>	BLACK ABS FOOSBALL PLAYER—TOURNAMENT FIT
	<a href="#">20515290</a>	YELLOW ABS FOOSBALL PLAYER—TOURNAMENT FIT
2	<a href="#">21706690</a>	ROLL PIN
3	<a href="#">20515211</a>	BEARING HALF (THIN WALL -0.030" - PRICE PER HALF)
4	<a href="#">20515201</a>	BEARING NUT
5	<a href="#">20515191</a>	BEARING WRENCH
6	<a href="#">20515173</a>	FOOSBALL (TOURNAMENT RED)
6	<a href="#">20515170</a>	FOOSBALL (CLASSIC PINK)
6	<a href="#">20515178</a>	FOOSBALL (TOURNAMENT RED W/ITSF LOGO)
6	<a href="#">980100100</a>	FOOSBALL (DYNAMO YELLOW)
7	<a href="#">20515135</a>	CLEAR PLAYFIELD TRIM
7	<a href="#">20515131</a>	CLASSIC WHITE PLAYFIELD TRIM





# MISCELLANEOUS PLASTIC PARTS



1) Black ABS Foosball Man—20515223  
1) Yellow ABS Foosball Man—20515233



2) Roll Pin  
21706690



3) Bearing Half  
**-0.030" Thin Wall**  
20515211



4) Bearing Nut  
20515201



5) Bearing Wrench  
20515191



6) Tournament Red  
Tornado Foosball  
20515173



6) Classic Pink  
Tornado Foosball  
20515170

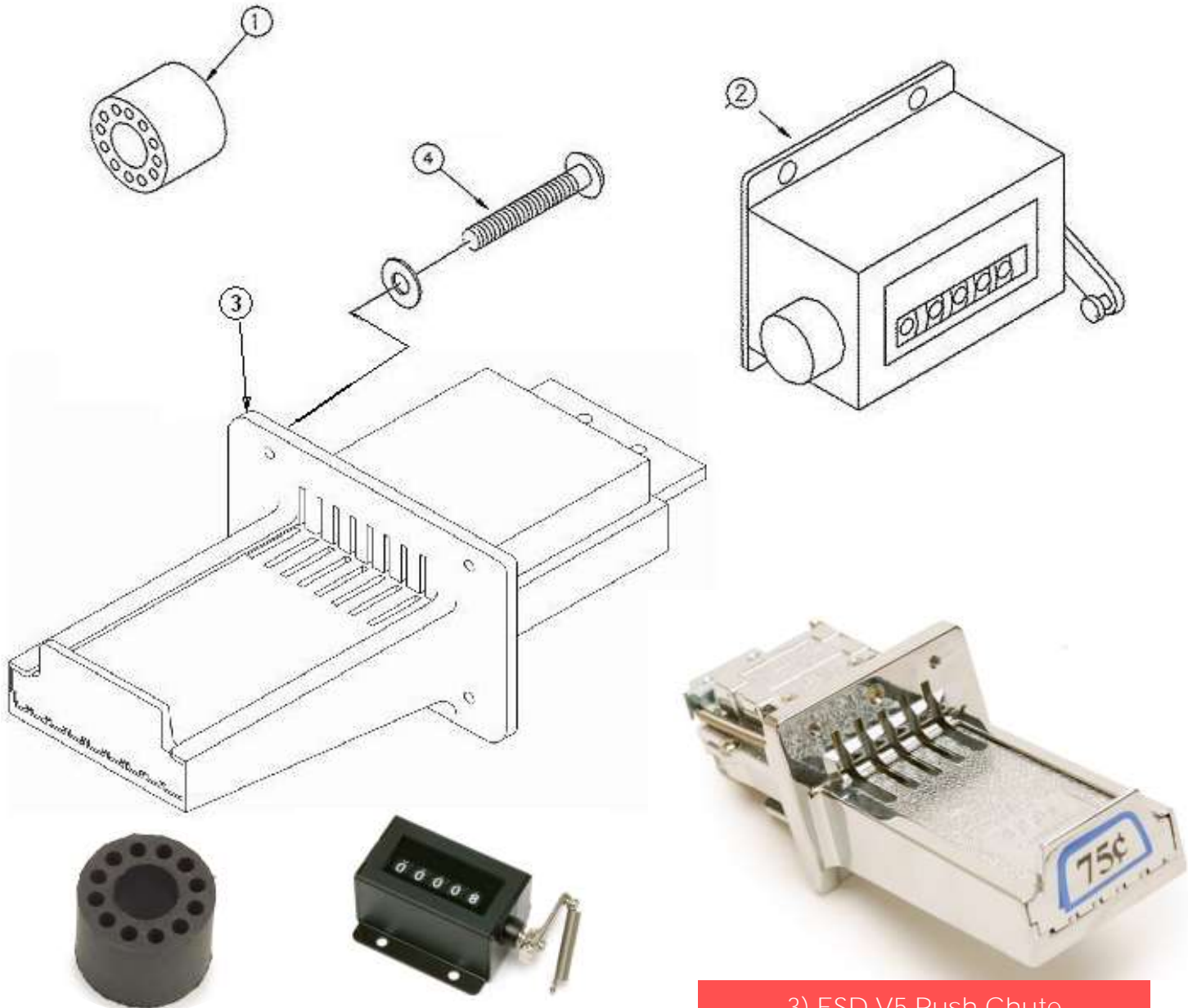


6) Dynamo Yellow  
Foosball  
980100100



# MISCELLANEOUS PARTS

REF.	Part number	description
1	<a href="#">20701060</a>	BUMPER
2	<a href="#">21707910</a>	NON-RESETTABLE SOCCER COUNTER
3	<a href="#">890000630</a>	ESD V8 PUSH CHUTE (SET @ 4x \$0.25)
3	<a href="#">890000620</a>	ESD V5 PUSH CHUTE (SET @ 3x \$0.25)
	<a href="#">ni20201550</a>	PUSH CHUTE BOLT 10-32 x 1 1/8" (USE 4)
	ni20400060	#10 WASHER (USE 4)



1) Bumper  
20701060

2) Non-Resettable Counter  
21707910

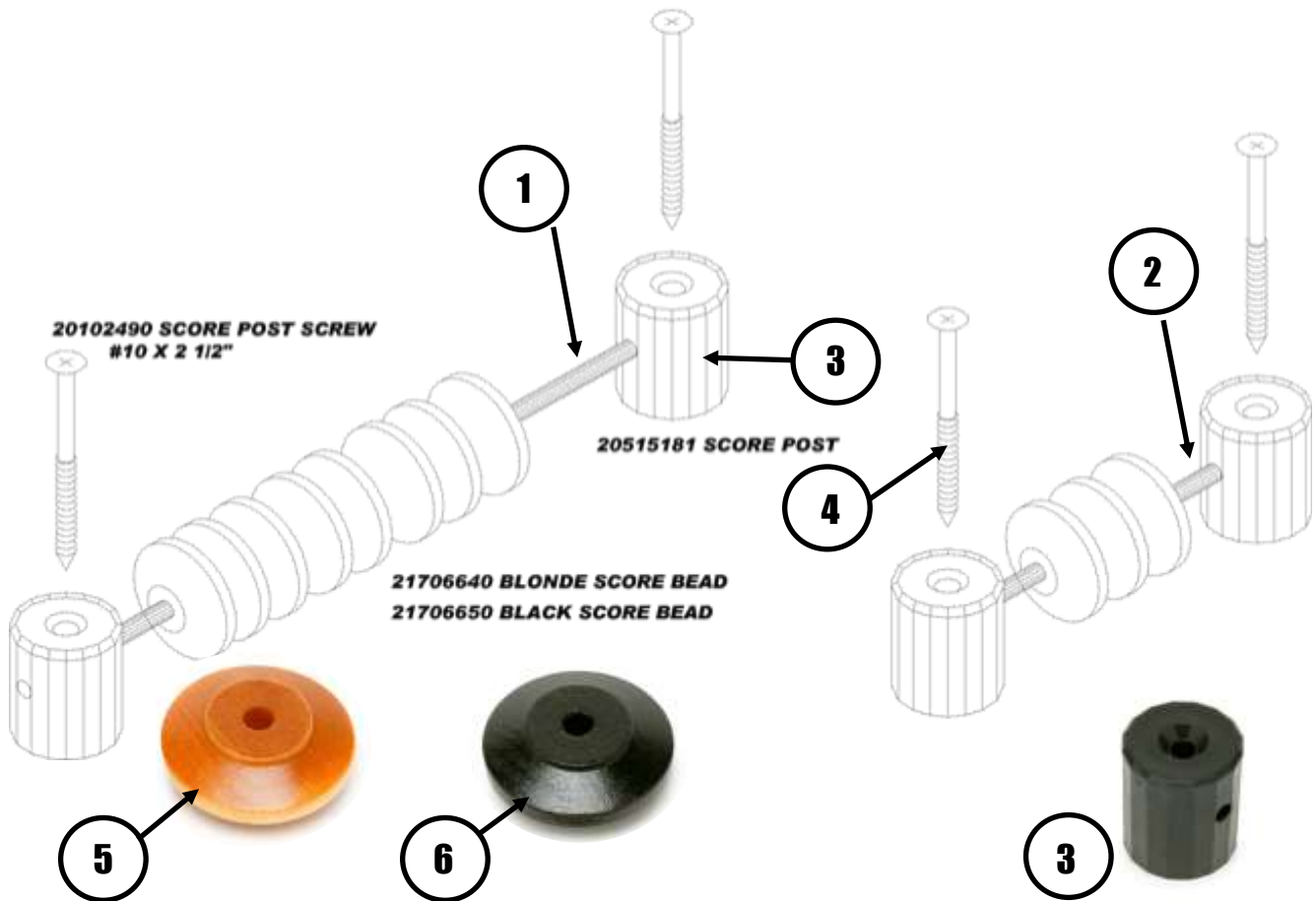
3) ESD V5 Push Chute  
890000620  
Other configurations available



# SCORING UNITS

REF.	Part number	description
1	<a href="#">20607502</a>	SCORE POST ROD— <b>GOAL COUNTER</b> (7 5/8")
2	<a href="#">20607501</a>	SCORE POST ROD— <b>MATCH COUNTER</b> (3")
3	<a href="#">20515181</a>	SCORE POST
4	<a href="#">ni20102490</a>	SCORE POST SCREW #10 x 2 1/2
5	<a href="#">21706640</a>	BLONDE SCORE DISK (11 PER TABLE)
6	<a href="#">21706650</a>	BLACK SCORE DISK (11 PER TABLE)

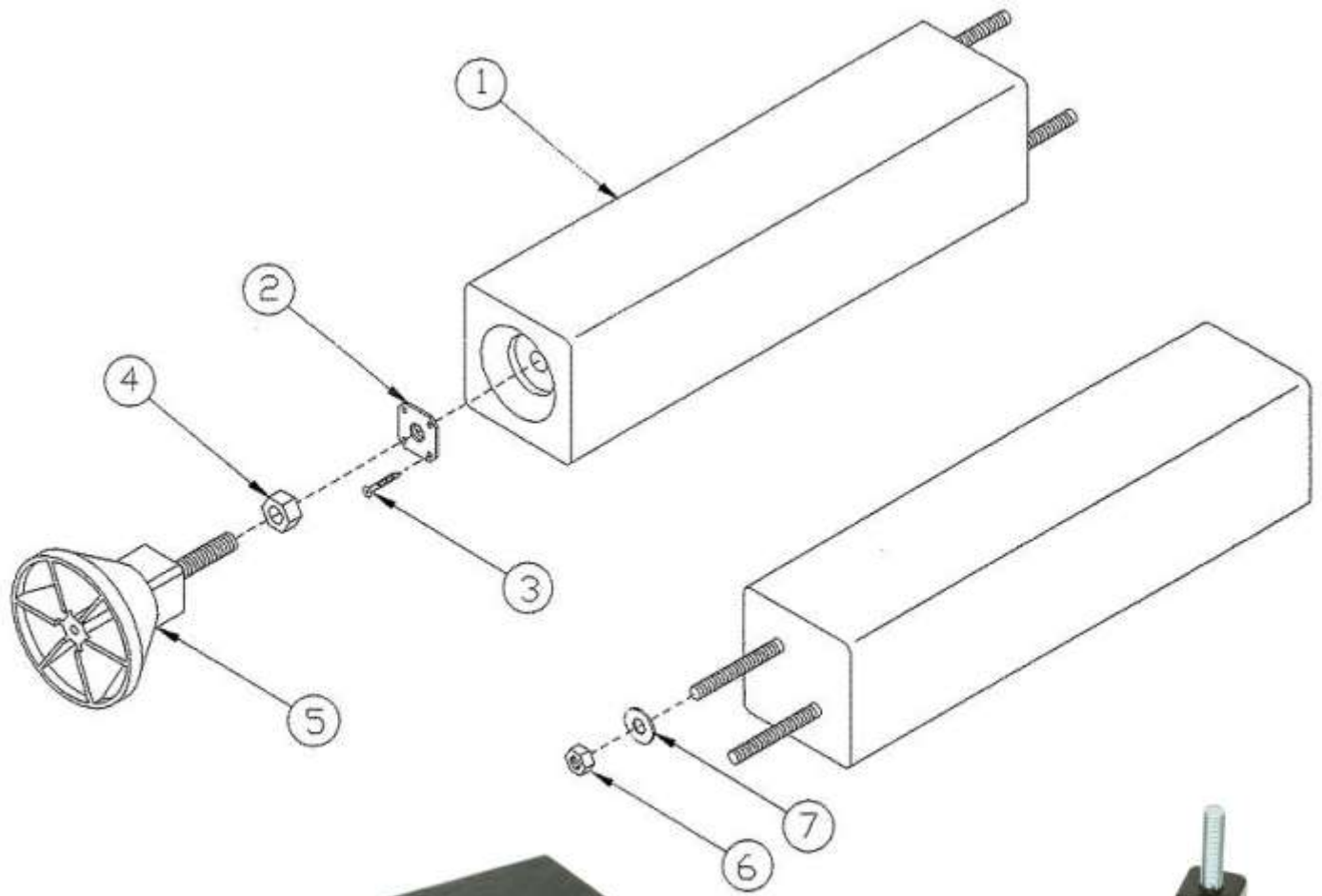
Each score disk uses 11 per table—8 on one side, 3 on the opposite





# LEGS AND LEVELERS

REF.	Part number	description
1	<a href="#">TSYOOSLS1</a>	LEG W/LEVELER PLATE AND HANGER BOLT
2	<a href="#">20600961</a>	LEG LEVELER PLATE
3	870001208	LEG PLATE SCREW #8 x 1" (4 PER LEG)
4	<a href="#">ni20300890</a>	LEG LEVELER NUT 1/2"-13
5	<a href="#">20515140</a>	LEG LEVELER (NUT NOT INCLUDED)
6	ni20300900	LEG NUT 3/8"-16 (2 PER LEG)
7	ni20401080	LEG WASHER (2 PER LEG)



1) TSYOOSLS1  
Leg w/Plate and  
Hanger Bolts



5) 20515140  
Leg Leveler





## LOCKS AND ACCESSORIES

Part number	description
21200610	CASH BOX LOCK #90095
<a href="#">21200620</a>	CABINET LOCK #90094
<a href="#">21200680</a>	KEY ONLY #90094
21200690	KEY ONLY #90095

Part number	description
<a href="#">21706690</a>	ROLL PIN
<a href="#">21706670</a>	ROLL PIN PUNCH
<a href="#">988000125</a>	SILICONE, 2oz.BOTTLE
<a href="#">21706621</a>	RULE BOOK


Part number	description
<a href="#">860100147</a>	SHORT CABINET PROTECTOR STRIP (UPPER)
<a href="#">860100148</a>	LONG CABINET PROTECTOR STRIP (LOWER)





<b>HARDWARE</b>	
Part number	description
870001208	LEG PLATE SCREW #8 x 1" (4 PER LEG)
20100120	BALL TRAP/LOCK TONGUE SCREW #10 x 1 ¼"
20100260	DIAMOND RAMP/PLAYFIELD SCREW #8 x 2 ½"
20100360	TURN RAMP SCREW #8 x ¾"
20101090	DIAMOND RAMP/CABINET LOCK SCREW #6 x 3¾"
20102470	GATE TOP/COUNTER/COIN BOX SCREW #6 x ½"
<a href="#">ni20102490</a>	SCORE POST SCREW #10 x 2 ½"
20200710	PROP STICK BOLT ¼-20 x 2"
20201230	BALL CHANNEL BOLT ¼-20 x 3"
20201250	BALL TRAP GATE SCREW 10-32 x ½"
20201260	SHOULDER BOLT ¼-20 x 5/16-¾"
20201280	LEG HANGER BOLT ¾-16 x 6"
20201480	TURN RAMP/BALL CHANNEL BOLT ¼-20 x 3 ½"
<a href="#">ni20201550</a>	PUSH CHUTE BOLT 10-32 x 1 ½"
870055105	BALL TRAP ROD/PROP STICK NUT ¼"-20
20300860	BALL TRAP GATE/BALL CHANNEL NUT 10-32
20300880	HINGE ACORN NUT ¼"-20
<a href="#">ni20300890</a>	LEG LEVELER NUT ½"-13
20300900	LEG NUT ¾"-16 (2 PER LEG)
20400060	PUSH CHUTE WASHER #10
870060105	BALL CHANNEL/PROP STICK WASHER
20401080	LEG WASHER (2 PER LEG)
20515120	BALL TRAP WASHER
20606690	SHOULDER BOLT BEARING



It's  not 