

AUTOMOTIVE AND AUTOPARTS INDUSTRIES IN TURKEY

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TURKEY'S VEHICLE INDUSTRY

PRODUCTION

Vehicle industry production in Turkey dates back to the mid-1950s and the industry gained momentum in the early 1960s. After manufacturing some prototype vehicles during the 1950s, the first vehicle assembly company was established in 1954 (Turk Willys Overland Ltd.) for jeep manufacturing. By 1955 trucks and by 1963 buses were being assembled in Turkey. Then passenger car assembly companies, namely TOFAŞ (FIAT), OYAK (RENAULT) and OTOSAN (FORD) started operations in the following three years. In 1966 the industry also began to assemble its own cars (OTOSAN). The Turkish-made passenger car of those times "ANADOL" is nostalgia now. The two major producers of cars, TOFAŞ and OYAK-RENAULT, under Italian and French licenses respectively, established their production lines in 1971. Recently Japanese and South Korean car manufacturers have established joint-ventures in Turkey. In 1999, Turkish truck manufacturer BMC began to export its own design trucks to the United Kingdom, Spain and Portugal. BMC also signed a contract with Iran covering delivery of 10,000 buses and trucks in CBU or CKD/SKD form –for assembly- to Iran. As to passenger cars and light commercial vehicles, Turkish manufacturers are becoming world production centers of global companies, whom they have licence agreements with.

Today 15 companies are manufacturing various types of vehicles such as passenger cars, buses, trucks, pickups, mini and midibuses and trailers. Five companies are producing passenger cars (FIAT, HONDA, HYUNDAI, RENAULT, TOYOTA) Eleven companies are producing pick-ups and trucks (ASKAM, BMC, FORD, HYUNDAI, ISUZU, KARSAN, M.A.N., MERCEDES-BENZ, OTOKAR, OTOYOL, TEMSA) Eleven companies are producing buses and mini buses (ASKAM, BMC, FORD, HYUNDAI, ISUZU, KARSAN, M.A.N, MERCEDES-BENZ, OTOKAR, OTOYOL, TEMSA)

COMPANIES IN AUTOMOTIVE INDUSTRY

Company	Location	Products
HONDA TÜRKİYE	GEBZE/KOCAELI	Passenger cars
ANADOLU ISUZU O.S.	ISTANBUL	Trucks, pick-ups, midibuses
ASKAM	GEBZE/KOCAELI	R. tractors, trucks, pick-ups
BMC	IZMIR	Trucks, pick-ups, buses, minibuses, midibuses
FORD OTOSAN	ISTANBUL/ESKISEHIR /KOCAELI	Trucks, pick-ups, minibuses
HYUNDAI ASSAN	KOCAELI	Passenger cars, pick-ups, minibuses
KARSAN	BURSA	Pick-ups, minibuses, midibuses
M.A.N.	ANKARA	R. tractors, trucks, buses
M. BENZ TÜRK	ISTANBUL/AKSARAY	R.tractors, trucks, buses, minibuses

OTOKAR	SAKARYA	Pick-ups, minibuses, midibuses
OTOYOL	SAKARYA	R. tractors, trucks, pick-ups, midibuses
OYAK RENAULT	BURSA	Passenger cars
TEMSA	ADANA	Trucks, pick-ups, buses, midibuses
TOFAS-FIAT	BURSA	Passenger cars, pick-ups
TOYOTA	SAKARYA	Passenger cars

Source: Automotive Manufacturers Association (OSD)

The Turkish vehicle industry has a total capacity of 1,311,105 vehicles, of which 796,000 (60.7%) is for passenger cars. The total vehicle production in 2006 was 987,580 (excluding tractors) units which is record for Turkish automotive industry.

Vehicle Production By Type 2000-2006 (Units)

	2001	2002	2003	2004	2005	2006
Passenger cars	175,243	204,198	294,116	447,152	453,663	545,682
Trucks	6,683	12,295	19,041	31,790	37,227	37,026
Pickups	76,672	116,872	195,606	301,563	349,885	369,862
Buses	2,501	2,684	4,490	4,839	5,406	6,019
Minibuses	6,486	6,139	13,625	28,161	26,162	20,728
Midibuses	3,000	4,377	6,794	9,903	7,109	8,263
Total	270,685	346,565	533,672	823,408	879,452	987,580

Source: OSD

There are 12 commercial vehicle manufacturers in Turkey. Eight companies are operational in the agricultural tractor sector. The three major companies (UZEL, TÜRK TRAKTOR and HATTAT TARIM) are the leading producers and exporters in the agricultural tractor sector in Turkey.

Tractors Production (Units)

	2001	2002	2003	2004	2005	2006
Tractors	15,052	10,840	29,778	40,665	36,527	38,841

Source: OSD

Vehicle Production by Manufacturer 2002-2006 (Units)

	2002	2003	2004	2005	2006
Anadolu Isuzu	3,321	3,970	6,011	6,762	7,445
ASKAM	226	1,769	1,878	2,439	1,309
BMC	4,783	9,920	12,819	12,500	11,679
Ford Otosan	5,384	114,515	206,706	243,423	258,126
Honda Türkiye	5,384	10,970	15,581	11,236	18,322
Hyundai Assan	11,320	35,730	57,740	60,020	60,895
Karsan	12,039	8,302	16,885	13,146	12,524
MAN	1,789	1,934	1,966	2,030	2,501

Mercedes-Benz Türk	4,445	6,739	11,686	13,916	15,209
Otokar	1,526	2,514	3,245	2,590	2,775
Otoyol	3,660	4,381	4,723	3,634	4,165
Oyak Renault	100,131	132,257	197,353	179,669	228,593
Temsa	2,141	2,564	6,316	8,161	8,915
Tofaş-Fiat	108,336	127,268	146,048	161,360	178,434
Toyota	38,899	70,839	134,377	158,566	176,688
Total	303,384	533,672	823,408	879,452	987,580

Source: OSD

Ford Otosan was the biggest manufacturer with 258,126 units of light commercial vehicles, followed by Oyak-Renault with 228,593 units of passenger cars. TOFAŞ-FIAT was the top third producer with 178,434 units LCV's and passenger cars, followed by Toyota with 176,688 units of passenger car.

ANADOLU ISUZU is a joint venture between Turkey's Anadolu Group and Isuzu Motors and the Itochu Corporation. Its main area of operations is the production and marketing of commercial vehicles, including light trucks, pick-ups and buses.

CHRYSLER KAMYON produces commercial vehicles under licence from Chrysler. In January 2002, the company changed its name to ASKAM Kamyon.

BMC was incorporated with the Çukurova Group in 1989, in light commercial vehicle production. The company manufactures Levend and Megastar light trucks. It also produces two heavy commercial vehicles; BMC Professional and BMC Fatih. Additionally, a truck and bus production agreement was signed July 04, 2003 between BMC, affiliated with the Çukurova Holding, and Iran Kaveer Automotive Industries Corp. with production facilities in Iran. BMC has secured a 10,000-unit capacity truck and bus export/production contract with Iran.

The other major vehicle producer is FORD OTOSAN, a joint venture between Ford and Koç Holding which first began assembling Ford cars in 1984. Ford Otosan also opened a third factory in Kocaeli in April 2001 in order to extend its market share. The Ford Otosan, which has a 295,000 unit commercial vehicles capacity annually, exports major part of its production.

HONDA TÜRKİYE, with its plant at Gebze near İstanbul manufacturing passenger cars, commenced operations in 1998.

HYUNDAI ASSAN produces passenger cars, pickups and minibuses. The company is a joint venture between South Korea's Hyundai Motor Company and the Turkish company Kibar Holding. The Izmit plant is still Hyundai's only passenger car plant in Europe.

KARSAN Otomotiv assembles commercial vehicles in Turkey under licence from PSA (Peugeot-Citroén).

MAN based at Ankara, produces articulated tractor units, medium trucks and buses as part of a joint venture with German MAN.

MERCEDES-BENZ TÜRK was founded in İstanbul in 1967 as a joint venture between Daimler-Benz A.G., Mengerler Ticaret and Has Otomotiv under the name of Otomarsan. Today, foreign partners of the company are Daimler-Chrysler and Overseas Lending Group. The name of the company was changed to Mercedes-Benz Türk in 1990. The company is the largest full-size bus producer in Turkey.

OTOKAR manufactures a range of commercial vehicles. It produces passenger vans, mini-bus, pick-up, police team vehicle and mobile patrol vehicle.

OTOYOL is owned by Turkish conglomerate the Koç Group and by IVECO-Fiat.

OYAK RENAULT, the largest producer of passenger cars in Turkey, manufactured 228,593 units in 2006. Oyak Renault is a joint venture between Turkish Oyak Group and the French carmaker Renault.

TEMSA Otomotiv is a manufacturer of Japan's Mitsubishi trucks, small trucks, buses and midi-buses under licence from Mitsubishi.

TOFAŞ is a joint venture between Fiat Auto and Koç Holding. In October 2000, Tofaş began production of the new Fiat model called Doblo, a light van/multi-purpose vehicle, which is aimed largely at the export market. The Doblo is exported mainly to European Countries. According to a new agreement between TOFAŞ and FIAT, TOFAŞ will build new FIAT models in Turkey.

TOYOTASA was a joint venture between the local Sabancı Group, Toyota and Mitsui and began producing passenger cars in 1994. Sabancı Holding sold its 25% stake to Toyota in October 2001. Toyota now has a 90% shareholding in Toyotasa. The name of company was changed from Toyotasa to Toyota Motor Manufacturing Turkey following the buy-out. Toyota expanded its production capacity and has exceeded 150,000 units of production capacity after launching Corolla Verso production at Adapazarı Plant.

OPEL TÜRKİYE is a 100% subsidiary of General Motors (GM) and had been operating in Turkey since 1990 at a plant in Torbalı, near İzmir. Opel Turkey stopped production at its İzmir-Torbalı plant in July 2002. Opel has developed its commercial facilities there. On the other hand, current economic conditions and investment climate, led the company to re-evaluate production in Turkey. Currently, GM is planning to relaunch vehicle production in Turkey in the future.

Most of the vehicle manufacturing companies are organised under the Automotive Manufacturers Association (OSD, Otomotiv Sanayicileri Derneği, <http://www.osd.org.tr>).

Vehicle Parc By Type 2001-2006 (Units)

	2001	2002	2003	2004	2005	2006
Passenger cars	4,534,803	4,600,140	4,700,343	5,400,714	5,772,745	6,140,992
Trucks	562,063	567,152	579,010	647,295	676,929	709,535
Pickups	833,175	875,381	973,457	1,260,009	1,475,057	1,695,624
Buses	119,306	120,097	123,500	152,380	163,390	175,949
Minibuses	239,381	241,700	245,394	318,957	338,539	357,523
Tractors	1,179,068	1,180,127	1,184,256	1,210,314	1,247,767	1,290,679
Total	7,467,796	7,584,597	7,805,960	8,989,669	9,674,427	10,370,302

Source: Turkish Statistical Institute (TURKSTAT)

EXPORTS OF THE AUTOMOTIVE INDUSTRY

Total automotive vehicle exports reached 707,083 units corresponding to 24% increase in value compared with 2005. Passenger car exports grew by 30%, whereas commercial vehicle exports increased by 21% in the same period. However, total farm tractor exports in 2005 increased only by 3% in value, compared with 2005. The export value of passenger cars, trucks and buses was USD 5.6 billion, USD 2.9 billion and USD 836 million respectively. The main export markets for the automotive industry are Italy, France, Germany, the United Kingdom, Spain, the Russian Federation, Romania Slovenia and the Netherlands. About 78% of automotive industry exports in value were delivered to EU Countries (EU 27).

Exports of the Automotive Industry (Value: USD 1,000; Quantity: Units)

Product	2003		2004		2005		2006	
	Q	V	Q	V	Q	V	Q	V
Passenger Cars	227,556	2,197,523	320,505	3,933,685	337,702	4,339,971	441,230	5,644,989
Truck-Pickups	111,154	1,145,740	183,273	2,212,655	201,569	2,431,478	240,217	2,993,598
Buses-Minibuses-Midibuses	6,365	495,216	6,367	556,381	11,112	726,529	10,769	836,121
Tractors	13,226	181,101	11,785	193,128	13,946	292,248	14,037	260,347
Others	23,050	26,916	664	39,197	983	67,618	830	77,948
TOTAL	381,351	4,046,496	522,594	6,935,045	565,312	7,892,162	707,083	9,813,002

Source: Undersecretariat for Foreign Trade (DTM)

Automotive Industry Exports Of Turkey By Countries (Value: USD 1,000)

COUNTRY	2003	2004	2005	2006
Italy	477,475	978,093	1,142,056	1,590,865
France	570,388	975,306	854,302	1,283,327
Germany	521,560	834,863	776,374	899,623
United Kingdom	215,374	774,045	779,305	830,520
Spain	260,810	385,220	572,608	686,273
Russian Fed.	114,025	175,916	268,400	529,553
Romania	83,637	147,930	303,746	406,421
Slovenia	23,900	86,732	188,421	221,827

Istanbul Leather FTZ	130,846	167,225	200,388	198,467
The Netherlands	84,210	172,342	166,056	197,133
Israel	150,458	173,728	150,021	176,552
Finland	89,811	120,822	128,631	164,145
Belgium	55,220	110,650	163,596	154,753
Poland	97,072	130,901	125,824	147,553
Greece	126,577	96,840	60,932	146,624
Ireland	60,925	98,020	133,074	140,493
Hungary	94,965	84,290	78,629	129,808
Denmark	29,291	85,244	103,265	125,164
Algeria	61,519	136,457	87,612	122,236
Austria	64,992	109,047	117,696	120,253
Sweden	45,590	78,463	72,904	115,309
Bulgaria	31,762	45,171	78,816	101,769
Others	656,089	967,740	1,339,506	1,324,334
TOTAL	4,046,496	6,935,045	7,892,162	9,813,002

Source: DTM

AUTOPARTS INDUSTRY

PRODUCTION

Turkey has had a strong component sector and in recent years has developed a highly competitive components industry providing products compatible with brands such as GM, Mercedes, BMW, Opel, Toyota, Fiat and Ford. The Turkish autoparts industry with its large capacity, wide variety of production and high standards, supports automotive industry production and the vehicles in Turkey (11 million vehicles) and also has ample potential for exports.

The Turkish automotive and autoparts industry is concentrated in the Marmara Region, mainly in Bursa. Two major car factories and two "Organized Industrial Zones" are in Bursa. Other important cities are İstanbul, İzmir, Kocaeli, Ankara, Konya, Adana and Manisa. Another development in the Turkish Autoparts Industry is the establishment of TAYSAD Components Manufacturers Industrial Zone (TOSB). The "Association of Automotive Parts and Components Manufacturers" (TAYSAD, <http://www.taysad.org.tr>), started the TOSB project for its members in 1999. TOSB, covering a 2500 hectare area in Kocaeli, provides TAYSAD members larger production sites, modern environmental facilities, proximity to vehicle manufacturers, training and conference facilities, interfirm cooperation and a technology and innovation center.

Due to the high export potential of the sector and the regional advantages of Turkey, the autoparts sector has been attracting foreign investors. At present the number of foreign investors in the autoparts sector is 192. Most of the world leaders in the sector have joint-ventures with Turkish companies.

Turkish automotive manufacturers are in direct contact with 1120 local autoparts manufacturers for procurement and 70% of these companies are SME's. It is known that the total number of autoparts manufacturers in Turkey far exceeds 1120. The production value of the autoparts industry was above 5.3 billion U.S Dollars in 2004. The Turkish autoparts industry produces almost all parts and components except spark plugs. At present, the local parts and components production consists of:

- Engine and engine parts
- Power train parts and components
- Brake and clutch parts and components
- Hydraulic and pneumatic systems
- Suspension systems
- Security systems
- Rubber and plastic parts
- Chassis frame and parts
- Castings and forgings
- Electrical equipment and parts, lighting systems
- Batteries
- Auto glass
- Seats

Autoparts Production (Value: million US\$)

	1998	1999	2000	2001	2002	2003	2004
Production	3,178	2,526	2,735	2,412	3,167	4,280	5,300

Source: Association of Automotive Parts and Components Manufacturers (TAYSAD)

Autoparts industry manufacturers are exerting intense efforts for quality certificates. Most members of TAYSAD have quality certificates such as ISO 9000 Series and others. In fact, Turkish autoparts manufacturers are the pioneers of Turkish companies for "The European Quality Award". BRISA, a tyre producing company, was the first winner of "The European Quality Award" in 1996. Then, BEKSA won the "The European Quality Award" in the category of small and medium sized enterprises in 1997. BEKSA, which was established in 1987, produces steel cord and bead wire for tire reinforcement and hose wire for high pressure hoses. In 2002, BOSCH Sanayi ve Ticaret A.S. was rewarded by European Foundation for Quality Management with a prize in the "operational units category" in 2003. Bosch Bursa plant received the European Quality Award, in the same category the most prestigious award in the field of Organisational Excellence. Bosch Sanayi ve Ticaret A.Ş. produces injectors, nozzle holder assemblies, injectors for common-rail systems.

EXPORTS OF THE AUTOPARTS INDUSTRY

Turkey's autoparts industry exports are increasing significantly with the focus on replacement components. In 2006 the value of autoparts industry exports was USD 4.6 billion The main autoparts products exported are engine parts, tyres and tubes, gearboxes, accessories for bodies, road wheels and parts, rubber parts for motor

vehicles, brakes and servo brakes and transmission shafts and cranks. In fact, Turkey exports many cars, buses and trucks in parts. In terms of breakdown of autoparts exports by province, Bursa, Istanbul, Kocaeli and Izmir have the major share. Number of exporter companies in autoparts is above 2400.

Turkish autoparts products are destined for a wide range of countries in the world. The main export markets are Germany, Italy, France, the United Kingdom, Poland, Belgium, the United States, Spain, Romania, the Russian Federation and Iran. In 2006, about 70% of autoparts exports were directed to the EU countries. Turkish autoparts exporters follow European and international standards and norms. Turkish companies are supplying major European producers such as OPEL, VW and Ford.

Exports of the Autoparts Industry (Value: US\$ 1,000)

PRODUCT	2003	2004	2005	2006
Engine Parts	526,820	710,753	848,406	991,738
Tyres and Tubes	465,862	538,217	641,270	712,416
Road Wheels and Parts	186,108	234,858	275,924	343,903
Accessories of Bodies	183,908	196,178	258,026	412,294
Transmission Shaft and Cranks, Bearings	66,185	93,695	114,869	129,153
Automotive Glass	18,840	28,941	51,289	64,347
Brake and Servo Brakes	82,505	112,683	124,792	135,725
Safety Belts	59,878	74,215	71,552	65,998
Electrical Ignition or Starting Equipment For Internal Combustion Engines	54,735	46,865	46,825	51,200
Batteries and Parts	51,982	57,363	66,451	88,778
Clutches and Parts	46,705	63,585	82,376	110,388
Axles	36,599	47,792	50,261	54,804
Radiators	25,981	32,880	30,703	40,410
Filters	25,223	37,583	50,162	55,706
Ball Bearings	32,123	49,500	57,106	65,915
Gear Boxes	260,188	356,366	458,711	537,421
Chassis Fitted with Engine for Motor Vehicles	5,831	12,815	24,999	29,433
Bodies for Motor Vehicles	11,909	10,774	22,503	36,441
Electrical Lighting or Signalling Equipment	19,514	31,157	38,111	57,030
Suspension Shock Absorbers	16,901	23,031	32,528	50,215
Rubber Parts for Motor Vehicles	99,729	151,718	172,782	225,167
Silencers and Exhaust Pipes	15,181	20,599	20,029	20,741
Diesel or Semi-Diesel Engines	12,523	13,233	14,767	15,599
Rear-View Mirror for Vehicles	3,765	5,418	6,522	7,897
Spark-Ignition Reciprocating Or Rotary Internal Combustion Piston Engines	9,399	10,785	12,347	19,826

Engine Pumps	8,606	9,774	13,672	13,789
Bumpers and Parts Thereof	7,737	12,635	15,856	17,379
Brake Linings (Excl. those under HS Code: 8708.30)	6,612	6,914	7,145	7,060
Steering Wheels, Steering Columns and Steering Boxes	5,844	8,718	15,054	18,631
Instrument Panel Clocks and Clocks of a Similar Type for Vehicles	69	118	151	169
Seats of a Kind Used for Motor Vehicles	62,102	82,367	88,514	80,211
Air Condition for Motor Vehicles	51	160	449	846
Gaskets	4,427	12,895	15,035	16,437
Airbags	2,993	8,393	17,244	14,859
Others	12,995	19,158	23,854	120,848
TOTAL	2,429,830	3,122,136	3,770,285	4,613,500

Source: DTM

Autoparts Industry Exports of Turkey by Countries (Value: US\$ 1,000)

COUNTRY	2003	2004	2005	2006
Germany	640,711	830,586	956,876	1,148,475
Italy	266,666	303,642	343,794	416,385
France	252,089	289,366	322,295	397,627
United Kingdom	138,104	206,504	279,952	395,678
Poland	50,544	99,934	121,282	153,296
Belgium	93,961	89,108	109,701	136,758
USA	51,633	91,118	109,824	125,154
Spain	63,179	86,530	88,286	118,076
Romania	26,137	42,338	77,031	115,184
Russian Fed.	50,181	51,548	59,022	98,026
Iran	54,050	81,415	89,238	86,851
Slovak Rep.	1,083	3,267	10,328	48,993
Austria	33,560	41,558	46,880	48,772
Netherlands	17,553	25,476	33,826	46,132
Iraq	6,911	28,963	38,497	44,972
Egypt	27,746	26,013	40,681	44,801
Brasil	19,623	18,802	22,984	43,379
Bulgaria	7,569	15,011	19,173	34,869
Sweden	19,872	21,778	22,749	32,908
Algeria	24,705	36,011	36,080	31,220
Others	583,953	733,168	941,786	1,045,218
TOTAL	2,429,830	3,122,136	3,770,285	4,613,500

Source: (DTM)

IMPORTS OF THE AUTOMOTIVE INDUSTRY

The main automotive industry imports were USD 6.5 billion in 2006. In 2006, 376,126 vehicles were imported. The main imports markets for the automotive industry are the EU countries, Japan and South Korea.

Imports of the Automotive Industry (Value: US\$ 1,000; Quantity: Units)

PRODUCT	2003		2004		2005		2006	
	Q	V	Q	V	Q	V	Q	V
Passenger Cars	165,149	2,220,483	329,007	4,214,588	325,118	4,297,552	294,459	4,257,239
Truck-Pickups	62,627	843,944	121,625	1,872,141	104,460	1,592,683	63,482	1,133,673
Buses-Minibuses-Midibuses	666	37,386	1,077	66,688	3,393	103,390	3,600	256,748
Tractors	5,729	354,649	10,359	580,361	12,851	624,884	14,036	714,087
Others	257	31,780	441	64,448	564	98,599	549	104,970
TOTAL	234,428	3,488,242	462,509	6,798,227	446,386	6,718,745	376,126	6,466,717

Source: DTM

Automotive Industry Imports of Turkey by Countries (Value: US\$ 1,000)

COUNTRY	2003	2004	2005	2006
Germany	1,240,079	1,991,498	1,697,706	1,739,159
Spain	513,835	1,064,811	965,806	853,602
France	585,207	1,089,433	1,012,046	845,477
South Korea	80,165	464,689	573,940	461,073
United Kingdom	158,917	344,487	413,676	459,831
Poland	21,415	286,683	398,637	386,346
Italy	126,156	251,449	249,576	315,505
The Netherlands	171,002	226,312	208,963	206,031
Japan	208,025	405,619	274,460	190,686
Belgium	93,214	140,348	161,161	138,040
Mexico	3,244	10,269	83,229	127,869
Thailand	22,457	52,791	88,947	112,631
Brazil	176	10,351	34,914	78,475
Czech Republic	56,420	81,736	88,697	71,290
U.S.A	29,017	42,127	32,174	67,664
Austria	47,171	42,143	54,800	61,609
Portugal	126	165	77,850	60,759
Sweden	64,530	97,183	54,013	58,511
Romania	12,051	35,613	54,880	51,388
India	3,001	16,742	47,961	42,844
Others	52,035	143,775	143,673	137,927
Total	3,488,242	6,798,226	6,717,108	6,466,717

Source: DTM

IMPORTS OF AUTOPARTS INDUSTRY

In 2006 the value of autoparts industry imports was USD 9.2 billion. Main autoparts products imported are diesel engines, gearboxes, accessories of bodies, engine parts, tyres and tubes, axles and brakes and servo brakes. The main import markets are Germany, France, the United Kingdom, Italy, Spain, Japan and South Korea.

Imports of the Autoparts Industry (Value: US\$ 1,000)

PRODUCT	2003	2004	2005	2006
Engine Parts	304,472	437,257	566,294	561,703
Tyres and Tubes	248,174	341,341	351,910	460,179
Road Wheels And Parts	26,955	57,543	66,094	95,756
Accessories of Bodies	491,077	969,939	973,428	1,345,540
Transmission Shaft and Cranks, Bearings	155,709	218,750	256,265	316,120
Automotive Glass	24,656	45,519	37,101	35,627
Brake and Servo Brakes	152,495	271,855	271,700	342,608
Safety Belts	13,250	27,342	34,369	38,551
Electrical Ignition or Starting Equipment for Internal Combustion Engines	98,658	142,607	155,038	157,121
Batteries and Parts	48,983	69,347	83,605	94,299
Clutches	36,371	54,954	61,452	79,206
Axles	157,219	257,603	279,123	368,907
Radiators	26,113	47,600	56,018	83,919
Filters	46,804	85,119	113,010	142,453
Ball Bearings	143,594	205,510	230,041	266,857
Gear Boxes	606,311	1,065,711	1,294,490	1,471,467
Chassis Fitted with Engine for Motor Vehicles	4,455	3,969	3,727	1,692
Bodies for Motor Vehicles	7,243	12,833	13,178	10,944
Electrical Lighting or Signalling Equipment	90,044	154,787	175,681	207,584
Suspension Shock Absorbers	39,012	61,083	62,502	70,107
Rubber Parts for Automotive	49,511	72,092	72,697	95,042
Silencers and Exhaust Pipes	39,416	52,423	49,185	44,439
Diesel or Semi-Diesel Engines	840,172	1,419,928	1,806,844	2,124,833
Rear-View Mirrors for Vehicles	15,239	28,637	28,529	80,847
Spark-Ignition Reciprocating or Rotary Internal Combustion Piston Engines	128,673	213,171	191,285	247,311
Engine Pumps	62,418	95,003	92,123	89,310
Bumpers and Parts Thereof	32,122	36,276	45,725	57,155
Brake Linings	18,438	24,550	26,645	32,243
Steering Wheels, Steering Columns and Steering Boxes	64,216	125,148	114,649	150,351
Instrument Panel Clocks and Clocks	382	785	564	612

of a Similar Type for Vehicles				
Seats of a Kind Used for Motor Vehicles	13,818	11,438	7,831	7,548
Air Condition for Motor Vehicles	3,596	5,596	3,626	1,954
Gaskets	32,767	38,967	42,965	49,575
Airbags	25,627	50,454	45,513	49,426
Others	55,261	104,924	101,650	48,364
TOTAL	4,103,251	6,810,061	7,714,857	9,229,943

Source: DTM

Autoparts Industry Imports of Turkey by Countries (Value: US\$ 1,000)

COUNTRY	2003	2004	2005	2006
Germany	869,794	1,314,068	1,683,778	1,888,701
France	794,034	1,275,673	1,077,326	1,448,533
United Kingdom	638,481	1,112,794	1,253,267	1,293,014
Italy	661,377	779,139	747,713	899,984,
Spain	113,868	361,191	521,664	628,882
Japan	220,355	447,470	545,899	607,155
South Korea	212,159	395,614	386,627	505,924
Hungary	33,689	70,041	197,266	374,771
Poland	28,816	175,909	224,525	267,388
China	95,476	134,232	146,566	190,187
USA	79,248	109,946	147,359	185,535
Czech Rep.	22,956	34,248	45,455	85,163
India	20,225	92,658	104,164	84,108
Thailand	9,945	18,249	28,040	64,650
Sweden	33,854	36,876	49,068	59,756
Romania	26,303	65,017	67,662	57,885
Belgium	12,598	23,732	30,504	53,232
Taiwan	25,247	33,041	41,962	48,192
Brazil	41,164	55,091	51,809	46,321
Denmark	19,318	24,047	45,310	45,862
Others	144,345	251,025	318,894	394,406
Total	4,103,251	6,810,061	7,714,857	9,229,943

Source: DTM

TRADE FAIRS OF 2007

Some of the trade fairs related to the automotive and autoparts industry which will be held in Turkey in 2007 are listed below:

- "BUS 2007" will be held in İstanbul in January
- "BUSWORLD TURKEY 2007" will be held in İstanbul in February

- “MOTOSHOW 07” will be held in İstanbul in March
- “MOTORCYCLE 2007” will be held in Istanbul in March
- “ÇUKUROVA AUTOSHOW 2007” will be held in Adana in March
- “TUNING İSTANBUL SHOW” which will be held in İstanbul in April
- “AUTOMECHANICA İSTANBUL” will be held in April in İstanbul
- “BURSA AUTOSHOW 2007” will be held in Bursa in April
- “MARMARA AUTOSHOW 2007” will be held in Kocaeli in April
- “İZMİR MOTORSHOW / 4th Automobile and Light Commercial Vehicles Fair” will be held
in May in İzmir
- “ANTALYA AUTOMOBILE FAIR” will be held in June in Antalya
- “2nd Automobile, Motorcycle, Bicycle and Accessories Fair” will be held in Ankara in June
- “Ordu 2nd Automobile – Automotive and Spare Parts Fair” will be held in Ordu in June
- “5th Trabzon Automotive Fair” which will be held in Trabzon in June
- “1st Kayseri Automotive Fair” which will be held in Kayseri in June
- “AUTOSHOW 2007” which will be held in Antalya in September
- “4WD İSTANBUL 2007 EXHIBITION” will be held in İstanbul in September
- “Automobile, Commercial Vehicles and Motorcycles” will be held in Gaziantep in September
- “MOTOFEAST 2007” will be held in İstanbul in October
- “AUTOMOTIVE 2007” will be held in İstanbul in November
- “COMMERCIAL VEHICLES 2007” will be held in İstanbul in November”
- “İstanbul Commercial Vehicles and Side Industries Fair” will be held in İstanbul in November
- “KONYA AUOTSHOW 2007” will be held in Konya in November
- “MOF 07 – Mersin 2nd Automotive, Commercial Vehicles and Motorcycle Fair” will be held in November in Mersin.